9.2

Program Length

The institution offers one or more degree programs based on at least 60 semester credit hours or the equivalent at the associate level; at least 120 semester credit hours or the equivalent at the baccalaureate level; or at least 30 semester credit hours or the equivalent at the post-baccalaureate, graduate, or professional level. The institution provides an explanation of equivalencies when using units other than semester credit hours. The institution provides an appropriate justification for all degree programs and combined degree programs that include fewer than the required number of semester credit hours or its equivalent unit.

Judgment

☑ Compliant ☐ Non-Compliant ☐ Not Applicable

Narrative

Albany State University (ASU) is in compliance with this principle. Albany State University awards associate's, baccalaureate's, master's, and a specialist in education degree. These degree programs follow the semester credit hour program length policies of the University System of Georgia (USG) and the Board of Regents (BOR) of the USG.

Publications of Degree Program Requirements
The description, courses, and credit hour length for the degrees are listed in various publications including the ASU *Undergraduate* Catalog **[1]** and *Graduate Catalogs* **[2].** Access to undergraduate and graduate catalogs is available through the Academics link on ASU website. Also, a list of all the programs offered by each academic college can be found on the Academics Degrees and Programs website **[3]**.

Compliance with SACSCOC Expectations for Program Length

Associate Degrees

Policies regarding the length and content of associate's degrees are found in both the *BOR Policy Manual* and the *USG Academic and Student Affairs Handbook*. Section 2.3.5 of the *USG Academic and Student Affairs Handbook* states, "An associate degree must contain a minimum of 60 semester hours" **[4].** This USG policy is consistent with the SACSCOC requirement of a minimum of 60 semester hours of earned credit for the awarding of an associate degree.

Albany State University offers 13 associate's degree programs. Each adheres to the requirement of at least 60 semester hours. Table 1 lists the programs and the required number of semester hours.

Bachelor's Degrees

Policies for the length and content of baccalaureate degrees are found in both the *BOR Policy Manual* and the *USG Academic and Student Affairs Handbook*. Section 2.3. of the *USG Academic and Student Affairs Handbook* states, "A baccalaureate degree must contain 120 semester hours (exclusive of physical education activity/basic health or orientation course hours that the institution may require)" **[4]**. This USG policy is consistent with the SACSCOC requirement of a minimum of 120 semester hours of earned credit for the awarding of a baccalaureate degree.

All of ASU's baccalaureate programs require at least 120 semester credit hours for degree completion. Most require additional credit hours for the physical education/activity courses, ASU's version of a required physical education activity. These required courses raise the minimum hours for degree completion to 123 for the those programs. To satisfy the requirements of external program-level accrediting bodies, some degree programs require more than 120 hours. In addition, for first-time, full-time, first-year students with fewer than 15 semester hours of credit, the University requires a one-credit First-Year Seminar course (ASU 1101) **[5]**.

Albany State University offers 28 bachelor's degree programs. Each adheres to the requirement of at least 120 semester hours. Table 1 below lists the programs and the required number of semester hours.

Master's Degrees

Policies for the length and content of master's degrees are found in both the *BOR Policy Manual* and the *USG Academic and Student Affairs Handbook*. Section 2.3 of the *USG Academic and Student Affairs Handbook* states that a master's program should have between 30 to 36 semester hours. Additional requirements may come from national agencies of accreditation and require further approval **[4].** This USG policy is consistent with the SACSCOC requirement of a minimum of 30 semester hours of earned credit for the awarding of a baccalaureate degree.

Albany State University offers 11 master's degree programs. Each adheres to the requirement of at least 30 semester hours. Table 1 lists the programs and the required number of semester hours.

Educational Specialist Degree

Albany State University offers one educational specialist degree program, which requires 27 semester hours beyond the master's degree. Assurance that the content and coherence of this program of study meet national standards of quality is reflected in the accreditation of ASU's College of Education by the Council for the Accreditation of Educator Preparation (CAEP). This program requires an extensive number of field based hours. The candidates must have earned a master's degree and certification in the field prior to enrollment and are required to complete 27 semester hours of course work, plus 750 clock hours in the field. According to the ASU Credit Hour Rule as stated in the *Graduate Catalog*, a credit hour is equivalent to 750 minutes of instruction **[6]**. A three-hour credit course would have 2250 minutes of instruction which is 37.5 clock hours. The 750 clock hours far exceeds the amount of time required for the additional three hour credit course. Thus, the 27 hour program and the 750 clock hours field requirements are the equivalent to a 30-hour program. Table 1 lists the program and the required number of semester hours.

Table 1. ASU Programs, Degree Level, and Minimum Required Credit Hours

Program	Degree Level	Number of Required Semester Hours
Associates of Arts, Core Curriculum	Associate	63
Associates of Science, Core Curriculum	Associate	64
Associate of Science in Dental Hygiene	Associate	75
Associate of Science in Diagnostic Medical Sonography	Associate	72
Associate of Science in Emergency Medical Services	Associate	64
Associate of Science in Health Information Technology	Associate	70
Associate of Applied Science in Histologic Technician	Associate	60
Associate of Science in Medical Laboratory Technology	Associate	70
Associate of Science in Nursing	Associate	70
Associate of Science in Occupational Therapy Assistant	Associate	73
Associate of Science in Physical Therapist Assistant	Associate	74
Associate of Science in Radiologic Science	Associate	73
Associate of Science in Respiratory Therapy	Associate	73
Bachelor of Science with a Major in Accounting	Bachelor	123
Bachelor of Science with a Major in Biology	Bachelor	124
Bachelor of Science with a Major in Chemistry	Bachelor	124
Bachelor of Science with a Major in Computer Science	Bachelor	124
Bachelor of Science with a Major in Criminal Justice	Bachelor	123
Bachelor of Science with a Major in Early Childhood Education	Bachelor	124
Bachelor of Arts with a Major in English	Bachelor	123-125
Bachelor of Science with a Major in Forensic Science	Bachelor	124
Bachelor of Science with a Major in Health and Human Performance	Bachelor	123
Bachelor of Arts with a Major in History	Bachelor	123
Bachelor of Interdisciplinary Studies	Bachelor	123
Bachelor of Science with a Major in Management	Bachelor	123
Bachelor of Science with a Major in Management Information Systems & Technology	Bachelor	123
Bachelor of Science with a Major in Marketing	Bachelor	123
Bachelor of Arts with a Major in Mass Communication	Bachelor	123
Bachelor of Science with a Major in Mathematics	Bachelor	124
Bachelor of Science with a Major in Middle Grades Education	Bachelor	123
Bachelor of Science with a Major in Secondary Education	Bachelor	124-126
Bachelor of Science with a Major in Supply Chain & Logistics Management	Bachelor	123
Bachelor of Science in Nursing	Bachelor	124
Bachelor of Science in Nursing, RN to BSN	Bachelor	121
Bachelor of Science with a Major in Organizational Leadership (eMajor collaborative)	Bachelor	123

Bachelor of Arts with a Major in Political Science	Bachelor	123
Bachelor of Arts with a Major in Psychology	Bachelor	123
Bachelor of Social Work	Bachelor	123
Bachelor of Arts with a Major in Sociology	Bachelor	123
Bachelor of Applied Science with a Major in Technology Management	Bachelor	123
Bachelor of Arts with a Major in Visual & Performing Arts	Bachelor	123-126
Master of Education with a Major in Early Childhood Education	Master (M.Ed.)	36
Master of Education with a Major in Educational Administration and Supervision	Master (M.Ed.)	33
Master of Business Administration	Master (M.B.A.)	30-33
Master of Public Administration	Master (M.P.A.)	36
Master of Science in Criminal Justice	Master (M.S.)	30
Master of Education with a Major in Middle Grades Education	Master (M.Ed.)	36
Master of Science in Nursing	Master (M.S.N.)	44
Master of Education with a Major in Counselor Education	Master (M.Ed.)	60
Master of Social Work	Master (M.S.W.)	64
Master of Education with a Major in Special Education	Master (M.Ed.)	36
Master of Education with a Major in Secondary Education	Master (M.Ed.)	36
Education Specialist with a Major in Educational Administration and Supervision	Education Specialist (Ed.S.)	Equivalent to 30 semester hours (27 + Field Experience)

Sources

- 01_Undergraduate Catalog Section 9_2
- 02_Graduate Catalog Section 9_2
- 03_ASU Academic Program Listing & CIP
- 05_ASU_1101
- 06_Credit Hour Definition _ Albany State University_section 9_2
- AA Core Program of Study
- AAS Histologic Technician Program of Study
- AS Core Program of Study
- AS Dental Hygiene Program of Study
- AS Diagnostic Medical Sonography Program of Study
- AS Emergency Medical Services Program of Study
- AS Health Information Technology Program of Study
- AS Medical Laboratory Technology
- AS Nursing Program of Study
- AS Occupational Therapy Assistant Program of Study
- AS Physical Therapist Assistant Program of Study
- AS Radiologic Science Program of Study
- AS Respiratory Therapy Program of Study
- Academic_Student_Affairs_Handbook _2.3.5_Academic Programs
- BA English Program of Study
- BA History Program of Study
- BA Mass Communication Program of Study
- BA Political Science Progam of Study
- BA Psychology Program of Study
- BA Sociology Program of Study

- BA Visual and Performing Arts Program of Study
- BAS Technology Management Program of Study
- BS Accounting Program of Study
- BS Biology Program of Study
- BS Chemistry Program of Study
- BS Computer Science Program of Study
- BS Criminal Justice Program of Study
- BS Early Childhood Education Program of Study
- BS Forensic Science Program of Study
- BS Health and Human Performance Program of Study
- BS Interdisciplinary studies program of study
- BS Management Information Systems Program of Study
- BS Management Program of Study
- BS Marketing Program of Study
- BS Mathematics Program of Study
- BS Middle Grades Education Program of Study
- BS Nursing Program of Study
- BS Organizational Leadership Program of Study
- BS RN to BSN Program of Study
- BS Secondary Education Program of Study
- BS Supply Chain and Logistics Management Program of Study
- Bachelor of Social Work Program of Study
- EdS Educational Leadership Program of Study
- MBA Program of Study
- MEd Counselor Education Program of Study
- MEd Early Childhood Education Program of Study
- MEd Educational Leadership Program of Study
- MEd Middle Grades Education Program of Study
- MEd Secondary Education Program of Study
- MEd Special Education Program of Study
- MPA Program of Study
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- MS Nursing Program of Study
- MSW Program of Study
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HOME

Our graduate and undergraduate catalogs are the official sources of information for all academic degree programs at Albany State University. Inside each catalog you will find a listing of our colleges, schools and departments, course descriptions, degree program requirements and explanations of our institutional policies and procedures. Since catalogs may change over time, please refer to the catalog corresponding to your start date at ASU. If you have additional questions, please contact the appropriate dean's office.

UNDERGRADUATE CATALOG

Introduction

Albany State University is an integral part of the University System of Georgia (USG) governed by the Board of Regents as mandated by the State of Georgia. Albany State University recruits, admits and provides services, financial aid and instruction to all students without regard to race, religion, sex, disability or national origin. The University is an affirmative action, equal opportunity employer and all applicants for faculty, staff and student employment positions are considered without regard to race, religion, sex, disability or national origin. The statements set forth in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and this institution. While provisions of this catalog will ordinarily be applied as stated, Albany State University reserves the right to change any provision listed in this catalog, including but not limited to academic requirements for graduation, without actual notice to individual students. It is especially important that each student note that it is his/her responsibility to keep him/herself apprised of current graduation requirements for his/her particular degree program.

Albany State University is an affirmative action, equal opportunity educational institution.

Albany State University Catalog and Announcements
(2019) (Official Series)

For Information on Admissions call
229-500-4358 or
Visit the web site at www.asurams.edu.

Official Mailing Address

Academic Affairs
Billy C. Black Building
504 College Drive
Albany Georgia, 31705

Catalog updates can be viewed @ catalog.asurams.edu.

History of Albany State University

Founded in 1903, Albany State University continues to provide leadership in academic excellence, social change, and economic impact. A nationally top-ranked HBCU, ASU serves an increasingly diverse student body and community by offering a uniquely comprehensive array of programs, from associate to graduate degrees.

Joseph Winthrop Holley, the institution's founder and first president, established the Albany Bible and Manual Training Institute in Albany, Georgia. The new school was successful in its mission to provide religious and basic education, as well as teacher training to the local black population. In 1917, the state of Georgia began providing financial support to the school, granting it two-year status. The school added training in agriculture and was renamed the Georgia Normal and Agricultural College.

The institution eventually joined the University System of Georgia and, in 1943, was granted four-year status. Concentrating on teacher education and home economics, the school was again renamed, this time as Albany State College. Over the next few years, the College added majors in the humanities, social sciences, education, and health sciences.

After increasing the number of faculty with doctorate degrees by more than fifty percent, Albany State College began offering graduate degrees in 1981. With the growing success of the graduate programs, the Board of Regents, in 1996, approved the renaming of the institution to Albany State University. In the 21st century, the University continued to strengthen its mission, attracting nationally renowned scholars and researchers to its faculty and preparing students for leadership.

As ASU continued to grow, so did a newly established junior college in the Albany area. Founded in 1963, Albany Junior College provided students in Southwest Georgia and beyond access to higher education. When doors officially opened in 1966, 620 students enrolled in the institution. In 1987, the USG removed the word *junior* from all of its two-year institutions and the College became Darton College.

As part of its mission to serve its students and the region, Darton College committed to expanding its programs in nursing and the health sciences, expanding to 13 programs. As a result of this and other initiatives, such as the expansion of online programs, enrollment more than doubled after the year 2000. In this period, the campus facilities also grew, including the addition of a 427-seat theater and a massive physical education complex, among other improvements. In 2012, upon USG approval of the College's first four-year program, in nursing, the institution's name was changed to Darton State College.

On November 10, 2015, the Board of Regents of the University System of Georgia voted unanimously to begin the process of consolidating Albany State University and Darton State College. That same day, Dr. Arthur N. Dunning became ASU's permanent president.

The newly established university retains the name Albany State University and unifies the distinction, values, and missions of the two institutions. One of Georgia's diverse, educational gems, Albany State University continues a combined legacy of more than 100 years of excellence in teaching and learning. The University prepares students to be effective contributors to a globally diverse society, where knowledge and technology create opportunities for personal and professional success.

Vision Statement

Albany State University will be a world-class comprehensive university and a powerful catalyst for the economic growth and development of Southwest Georgia. ASU will be recognized for its innovative and creative delivery of excellent educational programs, broad-based community engagement and public service, and creative scholarship and applied research, all of which enrich the lives of the diverse constituencies served by the University.

Mission Statement

Albany State University, a proud member institution of the University System of Georgia, elevates its community and region by offering a broad array of graduate, baccalaureate, associate, and certificate programs at its main campuses in Albany as well as at strategically-placed branch sites and online. Committed to excellence in teaching and learning, the University prepares students to be effective contributors to a globally diverse society, where knowledge and technology create opportunities for personal and professional success. ASU respects and builds on the historical roots of its institutional predecessors with its commitment to access and a strong liberal arts heritage that respects

diversity in all its forms and gives all students the foundation they need to succeed. Through creative scholarship, research, and public service, the University's faculty, staff, students, and administrators form strategic alliances internally and externally to promote community and economic development, resulting in an improved quality of life for the citizens of southwest Georgia and beyond.

Guiding Principles

Aspire to Excellence

Albany State University will aspire toward excellence in teaching and learning, thus becoming the first-choice institution for students from southwest Georgia and garnering recognition as a premier southern regional university.

Embrace Diversity

As a historically black institution and led by a highly-diverse faculty and staff, Albany State University will embrace diversity in all its forms – including age, gender identity, race and ethnicity, country of origin, religion, ability level, sexual orientation, and veteran status – and seek to foster a similar acceptance and celebration of that diversity.

Expand Access to Higher Education

As an access institution, Albany State University will promote student success for all by welcoming students from varying levels of academic preparation, keeping costs low, offering flexible class times and instructional modalities, and pairing high student expectations with exceptional mentoring, advising, and tutoring.

Elevate Historically Underserved Populations

Albany State University will recognize and address the many challenges that face African Americans and other students of color, adult learners, first generation students, students from low socioeconomic backgrounds, and others from underserved populations, and form strong partnerships with K-12, government agencies, and community outreach organizations to increase access and success rates.

Promote Economic Development

As part of its commitment to teaching and learning, Albany State University will promote economic development in Albany and throughout southwest Georgia by engaging in applied research, aligning its resources in support of identified needs, developing and enhancing academic programs to meet evolving needs, forming broad strategic partnerships, supplying a trained workforce, and fostering a sense of entrepreneurship.

Degrees and Certificates

Albany State University awards Certificates, the Associate of Arts degree (A.A.), the Associate of Science degree (A.S.), the Associate of Applied Science degree (A.A.S.), the Bachelor of Arts degree (BA), the Bachelor of Science degree (BS), Masters Degrees, and the Education Specialist Degree.

Students who complete the requirements for one of the college transfer programs are awarded either an A.A. or an A.S. degree depending upon their particular program of study. The A.S. degree is also awarded to students who complete a career program in certain health areas. The A.A.S. degree is awarded to students who complete other two-year career programs. Certificates are awarded to students who complete certain planned objectives or programs requiring less than two years of work.

Campus Resources

The Office of Student Affairs connects students with a variety of resources on campus and in the surrounding community. A list of resources and the associated contact information can be found below. For other questions and concerns, please call the Office of Student Affairs at 229-500-3553.

Care Resources

Counseling Services
Dr. Stephanie Harris-Jolly
Director, Counseling & Disability Services
229-500-3442
counselingservices@asurams.edu

Student Accessibility Services
Keshundra Wright
Coordinator, Disability Services
229-500-2013
disabilityservices@asurams.edu

Illness & Injury
Dr. Vicki Phillips
Director, Student Health Services
229-500-3546
studenthealthservices@asurams.edu

Immunizations
Dr. Vicki Phillips
Director, Student Health Services
229-500-3546
studenthealthservices@asurams.edu

Substance Abuse & Recovery
Dr. Vicki Phillips
Director, Student Health Services
229-500-3546
studenthealthservices@asurams.edu

Crisis Resources

Family Emergency
Dr. Stephanie Harris-Jolly
Director, Counseling & Disability Services
229-500-3442
counselingservices@asurams.edu

Mental Health
Dr. Stephanie Harris-Jolly
Director, Counseling & Disability Services
229-500-3442
counselingservices@asurams.edu

Personal Crisis/Distress
Dr. Patrice Jackson
Vice President, Student Affairs
229-500-3529
studentaffairs@asurams.edu

Sexual Violence/Assault
Cadedria Hill
Coordinator, Title IX
229-500-3302

cadedria.hill@asurams.edu

Suicidal Ideation
Dr. Stephanie Harris-Jolly
Director, Counseling & Disability Services
229-500-3442
counselingservices@asurams.edu

Threats & Acts Of Violence
Dr. Patrice Jackson
Vice President, Student Affairs
229-500-3529
studentaffairs@asurams.edu

Academic Resources

Academic Integrity
Renee Hospedales
Administrative Assistant, Academic Affairs
229-500-2804
renee.hospedales@asurams.edu

Peer Tutoring
Jeremiah Pitts
Director, Academic Support Services
229-500-2104
tutoring@asurams.edu

Transitional Studies & Academic Support
Jeremiah Pitts
Director, Academic Support Services
229-500-2104
academicadvising@asurams.edu

Classroom Management
Consult your department chair.

Hardship Withdrawals
Angelnique Jordan
Associate Dean for Student Support, Student Affairs
229-500-3554
studentaffairs@asurams.edu

General Resources

Student Conduct
Angelnique Jordan
Associate Dean for Student Support, Student Affairs
229-500-3554
studentconduct@asurams.edu

Title IX
Cadedria Hill
Coordinator, Title IX
229-500-3302
cadedria.hill@asurams.edu

General Concerns
Angelnique Jordan
Associate Dean for Student Support, Student Affairs
229-500-3554
studentconduct@asurams.edu

Student Activities
Venessa McKinney
Coordinator, Student Life/Greek Life
229-500-3555
venessa.mckinney@asurams.edu

Careers
Dr. Tracy Williams
Director, Career Services
229-500-3433
careerservices@asurams.edu

International Education
Dr. Nneka Osakwe
Director, International Programs
229-500-2354
nneka.osakwe@asurams.edu

Housing
Jonathan Lucia
Director, Housing & Residence Life
229-500-3062
asuhousing@asurams.edu

Ram Central – Financial Aid
Sybil Smith
Associate Director, Financial Aid
229-500-2958
ifinaid@asurams.edu

Ram Central – Admissions
Michelle Appling
Interim Director, Admissions
229-500-2939
graduateadmissions@asurams.edu

Ram Central – Registar
Pam England
Interim Registrar
229-500-2959
registrar@asurams.edu

Ram Central – Bursar
Jan Rogers
Bursar
229-500-3056
jan.rogers@asurams.edu

Military and Adult Education
Brianne Laios
Interim Director, Military and Adult Education
229-500-2928
brianne.laios@asurams.edu

ASU Police Department

Emergency
229-430-4711

Non-Emergency
229-430-4711

Parking Services
229-500-3080

Facilities

The following is a list of the campus buildings with the offices or services normally accommodated in each. All buildings include access and facilities to accommodate students with disabilities. Some adjustments to the building list may be made because of renovation or new construction:

Administration Buildings

ASU East Campus

The Billy C. Black Building - Academic Services Building houses an auditorium and theater, classrooms, academic and administrative functions including Admissions, Academic Affairs, Business and Financial Services, Enrollment Management, Financial Aid, the Office of Global Programs, the Center for Undergraduate Research, and the Foreign Language Institute, Houses the Department of Math and Computer Science, the Department of History, Political Science, and Public Administration, Academic Support, Human Resources, Institutional Advancement, President's Office, Purchasing, Records and Houses the Office of Title III.

ASU West Campus

Academic Services Building (K) — The B.R. Tilley Academic Services Building houses student support services and administrative functions including Admissions, Academic Affairs, Business and Financial Services, Enrollment Management, Financial Aid, Human Resources, Institutional Advancement, Alumni Affairs, and the ASU Foundation, Inc.,the President's Office, and Purchasing Records and University Communications

Classrooms

The modern classrooms and labs on both beautifully landscaped campuses offer students a picturesque setting in which to study.

ASU East Campus

Andrews Building

ASU Coliseum - Houses the ASU Rams Football Field.

Baseball Field House - Supports the baseball and softball teams and fields.

Catherine Hartnett Criminal Justice Building - Houses the departments of Criminal Justice, Social Work, and Psychology and Sociology.

Daisy Brown Hall

Early Learning Center - Houses an educational childcare program for 2-year olds, 3-year olds, pre-kindergarten students, and students age 4-12 who need after-school, Extended Day supervision and schoolwork support.

East Residence Hall - Student housing.

Facilities Management - Houses the Director of Plant Operations, maintenance shops, and storage for building and grounds service. Also houses Central Receiving.

Fine Arts Center - Houses the Department of Visual and Performing Arts and the Department of English, Mass communication, and Modern Languages. Also houses the Black Box Studio/Theatre.

Gibson Hall

HPER Gymnasium - Houses the Athletic Director and the Department of Health and Human Performance. Also houses the gymnasium and the pool.

Holley Hall - Has historically housed the Department of English, Mass communication, and Modern Languages and the Department of Visual and Performing Arts.

James Pendergrast Memorial Library - Houses the Library and Information Technology.

L. Orene Hall

Lovett Hall - Houses and expansive meeting area overlooking the ASU Rams Football Field.

Military Science - Houses the Military Science and ROTC Programs.

North Residence Hall - Student housing.

Old President's House

Peace Hall - Houses the Department of Management and the Department of Accounting, Marketing, and Management Information Systems.

Police Station - Houses the ASU Police Department.

Reese Building - Center for Teaching, Learning, and Scholarship, the Velma Fudge Grant Honors Program, and the Center for the African American Male.

Resident Hall 1 - Student housing.

Resident Hall 2 - Student housing.

Resident Hall 3 - Student housing.

Resident Hall 4 - Student housing. Also houses a Subway Restaurant.

Resident Hall 5 - Student housing.

Resident Hall 6 - Student housing. Also houses a Pizza Hut.

Sanford Gymnasium

Simmons Hall

South Residence Hall - Student housing.

Student Center - Houses the Vice President of Student Affairs, Student Government, the Post Office, the Cafeteria, the Bookstore, Career Services, Counseling, Laundry Services, and Disability Services. Golden Expresso and Chick-fil-A are on the first floor.

Wiley Hall - Student housing.

Parking - There are seven large, lighted parking areas placed throughout the upper and lower parts of the campus, with additional parking smaller parking areas next to the Pendergrast Library and HPER Gym. Faculty, staff, and visitor parking areas are marked. Patrol officers are employed to assist with parking and traffic safety. Traffic regulations are detailed in the Student Handbook and must be obeyed by all motorists.

ASU West Campus

Technology Building (A) - Houses the Campus Mail Room, Grants Department and the Technology Services Division with its Technology Helpdesk, ID Booth and open computer lab.

Classroom Building (B) - Houses the Science/Mathematics Division, Dental Hygiene facilities, the MESA Center, and a computer laboratory.

Student Center (C) - Houses the Department of Campus Life, Student Success Program, Servant Leadership and Service Learning, Job Placement, Military and Adult Education, Food Services, Career Development Center, Disabled Student Services, International Student Program, the Writing Center, the Student Government Association Office, the Peer Tutoring Center, the Game Room, some public services and meeting rooms, an indoor climbing wall, bowling alleys, racquet courts, and many more amenities to appeal to all students.

Maintenance Building (D) - Houses maintenance shops and storage for building and grounds service.

Physical Education Building (E) - Houses the Physical Education and Athletic Departments, including a Recreation gymnasium, the Cavalier Arena, a fitness center, and a 10 lane, 25 yard x 25 meter multi-use indoor heated pool equipped with two one-meter and one three-meter maxi flex model "B" springboards on cement standards. Outdoor athletic facilities surround the building and include a baseball field, soccer fields, softball field, eight all-weather lighted tennis courts, walking paths and a 5K cross-country course.

Fitness Facility (E) - The ASU West Campus Fitness Facility is located in E-105. It is equipped with Stairmasters, Schwinn AirDynes, rowing machines, treadmills, Nautilus weight machines, and free weights.

C.D. McKnight Building (F) - Houses the Humanities and Learning Support Division, Foreign Language Lab, and the Digital Media Center.

Library & Testing Center (G)

Warehouse Building (H) - Houses Central Supply, receiving, storage, and delivery.

Classroom Building (I) - Houses the Business/Social Science Division, laboratories for Chemistry and Biology, computer laboratories, and the Math Center.

Health Sciences Classroom Building (J) - Houses Health Sciences programs, classrooms, Distance Learning and a theater.

Classroom Building (L) - Houses the Nursing Division

Alpine Tower and Carolina Climbing Wall - Located east of the Baseball Field. They are used with a low initiatives course for team building and leadership training.

Parking - Two lighted parking areas for 1,000 cars are located behind the Student Center. An additional parking lot is located in front of the Warehouse Building, adjacent to the Health Sciences, Community Services Classroom Building. Parking is also available to the west of the Physical Education Complex and to the east of the Challenge Course. Faculty, staff, and visitor parking areas are marked. Patrol officers are employed to assist with parking and traffic safety. Traffic regulations are detailed in the Student Handbook and must be obeyed by all motorists.

Testing Centers

ASU East Campus: Billy C. Black Building, Rm 195

ASU West Campus: University Testing Center (G 101)

Through institutional and national testing components, the testing centers address the needs of ASU students and the communities through the provision of various examinations, including some of the following:

- College Level Examination Program (CLEP)
- Compass Test
- Graduate Record Examination (GRE)
- Area Concentration Achievement Test (ACAT)
- Major Field Achievement Test (MFAT)
- Miller Analogies Test (MAT)

Computer based testing services are available through the ASU Computer Based Testing Center. Individual appointments can be made to take the following examinations on the computer:

- Graduate Record Examinations (GRE) - General Test Only
- Test of English as a Foreign Language (TOEFL)
- Independent Study Exams
- Georgia Assessments for the Certification of Educators (GACE)

Library Services

ASU East Campus

The James Pendergrast Memorial Library

The James Pendergrast Memorial Library is a modern, 73,000 square foot facility, which opened in 1994, and has a seating capacity of more than 600. The library is open 80.5 hours per week. It features GALILEO Labs for scholarly research, study areas, study rooms, auditorium. The Office of Information Technology Services (ITS), the ITS Help Desk, Student Technology Lab accessible to students via RAMID card used to do word processing and academic projects. The Albany State University Library collections offer over 205,000 volumes of academic books, print and electronic journals, and special collections which exist to serve the reading, research, and reference needs of the students and faculty and staff of the university. The library's webpage is located at https://www.asurams.edu/library.

GALILEO (GeorgiA LIbrary LEarning Online) provides access to over 2,000 online databases for scholarly research. The GALILEO initiative connects all libraries electronically and also provides service between System libraries. Full-text journals may be accessed via the institutional GALILEO Password. Full-Text articles powered by GALILEO Interconnected Libraries (GIL), the library has many scholarly digital resources. There are over 300 databases, 741,688 eBooks, print and electronic subscriptions, access to an abundance of over 12,000 electronic scholarly journals and microform collection. The Library offers the Discovery search tool that provides a single search box for simultaneously searching the library's catalog and many databases. These digital resources are used heavily by the ASU online programs for research and study. The library's new automated library system called ALMA includes cataloging, circulation, serials, acquisitions, analytics and an online public access catalog (PRIMO). GALILEO can be accessed through workstations in the library or through any computer using a web browser. Special collections include books by and about African Americans, Black Literature, and books written by Dr. Joseph Winthrop Holley, founder of the University.

The Library supports Albany State University's academic programs. It supports the achievement of the goals as stated in the mission of the University through providing information resources, instructional materials, and access to research as well as access to Textbooks on Reserve. The Library's on-line public access catalog, PRIMO, formerly GIL (GALILEO Interconnected Libraries), also referred to as the RAMCAT, is available from any remote site to all who have Internet connection. The location is gil.asurams.edu. GIL also offers remote access to other libraries in the University System of Georgia. Other resources include EBSCOHost, EBSCO e books, Interlibrary Loan, GIL Express and GIL Universal Catalog which provides online universal borrowing of books between other institutions in the University System of Georgia in addition to traditional resources which gives patrons increased access and reciprocal borrowing.

The Library is a participant in Affordable Learning Georgia (ALG), which is a University System of Georgia (USG) initiative available to all USG libraries to promote student success by providing affordable textbook alternatives, a one-stop service to help USG faculty and staff identify lower cost, electronic, free, and Open Educational Resources (OER), building on the cost-effective subscription resources provided by GALILEO and the USG libraries and is a California State University - MERLOT partner benefit service. The James Pendergrast Memorial Library was recognized in the Albany Herald as one of the top 10 designations for electronic resources in the state of Georgia.

Library technology is available for the benefit of patrons. Included in library technology are computers, wireless access, a microform reader/printer, copying and printing services. The facility is ADA compliant. Adaptive technology includes a magnification book reader and assistive software is used to access online library resources such as JAWS screen reading software and E-Text Reader for persons with visual disabilities and learning disorders.

The University Archives are housed in the library. The institutional repository for the ASU archives is called the RAM SCHOLAR. The Ram Scholar is an open access digital repository implemented by the library to collect and disseminate the intellectual and creative output of the University's faculty, staff, and students. Contributions include theses/dissertations, conference proceedings, research publications, brochures, newsletters, yearbooks and much more.

ASU West Campus

The Harold B. Wetherbee Library and Learning Resource Center

The Harold B. Wetherbee Library and Learning Resource Center is a 29,500 square foot two story building which faces the center of the campus with a seating capacity of 350. The library is open 80.5 hours per week and provides a variety of seating accommodations which include small lounge areas, individual study carrels, study rooms and seminar rooms for library patrons. The Learning Resource Center promotes distance education, individual and classroom use of library resources. The library has a book collection of over 100,248 volumes and 32,000 eBooks through EBSCOhost. The serial/periodical collection is made up of 101 titles. Back issues of many of the periodicals are available in bound volumes or among the more than 37,056 units of microform materials. The library's webpage is located at https://www.asurams.edu/library.

GALILEO (Georgia Library Learning Online) provides access to over 2,000 online databases for scholarly research. The GALILEO initiative connects all libraries electronically and also provides service between System libraries. Full-text journals may be accessed via the institutional GALILEO Password. Full-Text articles powered by GALILEO Interconnected Libraries (GIL), the library has many scholarly digital resources. There are over 300 databases, 32,000 eBooks, print and electronic subscriptions, access to an abundance of over 12,000 electronic scholarly journals and microform collection. The Library also offers the Discovery search tool that provides a single search box for simultaneously searching the library's catalog and many databases. These digital resources are used heavily by the ASU online programs for research and study. The library's new automated library system called ALMA includes cataloging, circulation, serials, acquisitions, analytics and an online public access catalog (PRIMO). GALILEO can be accessed through workstations in the library or through any computer using a web browser. GALILEO supports faster turnaround time for interlibrary loans. Universal Borrowing is another resource sharing initiative through the Library that allows USG patron's access to circulating materials at all USG libraries. The Learning Resources Center provides service to students attending other educational institutions and the general public, provided such service does not interfere with its obligation to its primary constituents.

Library technology is available for the benefit of patrons. Included in library technology are computers, wireless access, a microform reader/printer, copying and printing services. Facilities are ADA compliant. Adaptive technology includes a magnification system, scanner and computer with Jaws, Zoomtext and Cicero.

Both libraries support the teaching, research, and service mission. The ASU Libraries operate under Criteria for Accreditation established by the Southern Association of Colleges and Schools, Commission on Colleges, the policies of the University System of Georgia and the Rules and regulations of Albany State University.

Tobacco Policy

Tobacco Free

In March of 2014, University System of Georgia (USG) adopted a tobacco-free campus policy. Albany State University, a unit of USG, is in compliance with this policy and is a Tobacco & Smoke Free Campus. The goal of the policy is to preserve and improve the health, comfort and environment of students, employees and any persons occupying our campus.

The use of all forms of tobacco products on property owned, leased, rented, in the possession of, or in any way used by the USG or its affiliates is expressly prohibited. "Tobacco Products" is defined as cigarettes, cigars, pipes, all forms of smokeless tobacco, clove cigarettes and any other smoking devices that use tobacco such as hookahs or simulate the use of tobacco such as electronic cigarettes.

Further, this policy prohibits any advertising, sale, or free sampling of tobacco products on USG properties unless specifically stated for research purposes. This prohibition includes but is not limited to all areas indoors and outdoors, buildings and parking lots owned, leased, rented or otherwise used by the USG or its affiliates. The use of tobacco products is prohibited in all vehicles – private or public vehicles - located on USG properties.

This policy applies to all persons who enter the areas described above, including but not limited to students, faculty, staff, contractors and subcontractors, spectators, and visitors. All events hosted by a USG entity shall be tobacco-free. All events hosted by outside groups on behalf of the USG shall also be tobacco-free.

Institution Accreditations

Albany State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, masters, and specialist degrees. Contact the:

Commission on Colleges
1866 Southern Lane
Decatur, Georgia, 30033-4097

or call 404-679-4500 for questions about the accreditation of Albany State University. In addition, Albany State University offers a number of Certifications.

Albany State University is also accredited by:

- Council for Accreditation of Educator Practice (CAEP)
- Georgia Professional Standards Commission (GaPSC)
- Council for Accreditation of Counseling and Related Education Programs (CACREP)
- Association of Collegiate Business Schools and Programs (ACBSP)
- Accreditation Commission for Education in Nursing (ACEN)
- Georgia Board of Nursing (GBN)
- Council on Social Work Education (CSWE)
- American Chemical Society (ACS)
- American Academy of Forensic Sciences (FEPAC)
- Network of Schools of Public Policy Affairs and Administration (NASPAA)

Individual colleges and departments also hold memberships in the regional and national professional organizations associated with the respective discipline.

Specific Programs of Study and Their Accreditors

Nursing Programs

Accrediting Commission for Education in Nursing, Inc. (ACEN)
3343 Peachtree Road, NE, Suite 850
Atlanta, GA 30326
Phone 404-975-5000 FAX 404-975-5020
http://www.acenursing.org/

Bachelor of Science in Nursing

A candidate for accreditation by the:

Accrediting Commission for Education in Nursing, Inc. (ACEN)
3343 Peachtree Road, NE, Suite 850
Atlanta, Georgia 30326
Phone: 404-975-5000, Fax: 975-5020

Dental Hygiene Program

Commission on Dental Accreditation (CODA), a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at 312-440-2568 or at:

211 East Chicago Avenue
Chicago, IL 60611
www.ada.org (http://www.ada.org)

Diagnostic Medical Sonography

Accredited by the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS)

6021 University Boulevard
Suite 500
Elliott City, Maryland 21043
(443)973-3251
https://www.jrcdms.org

Emergency Medical Services Program

Commission on Accreditation of Education Programs for the EMS Professions (CoAEMSP)
8301 Lakeview Pkry, Suite 111-312
Rowlett, TX 73088
Phone: 214-703-8445
www.coaemsp.org (http://www.coaemsp.org)

Health Information Technology Program

Commission on Accreditation for Health Informatics and Information Management Education
233 N. Michigan Avenue
Chicago, IL 60601-5519
312-233-1100
www.cahiim.org (http://www.cahiim.org)

This is an agency of the:

American Health Information Management Association (AHIMA)
233 N. Michigan Ave.
Chicago, IL 60601- 5519
312-787-2672
www.ahima.org (http://www.ahima.org)

Histotechnology Program

The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
5600 N. River Rd., Suite 720
Rosemont, IL 60018-5119
773-714-8880
www.naacls.org (http://www.naacls.org)

Medical Laboratory Technology/Histotechnology Program

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
5600 N. River Road, Suite 720
Rosemont, Ill. 60018-5119
Phone: 773-714-8880, fax: 773-714-8886
www.naacls.org (http://www.naacls.org)

Occupational Therapy Assistant Program

The Occupational Therapy Assistant Program is accredited by the:

Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA)
4720 Montgomery Lane, Suite 200
Bethesda, MD 20814-3449

ACOTE's telephone number, C/O AOTA, is 301-652-AOTA and its web address is www.acoteonline.org (http://www.acoteonline.org).

Physical Therapist Assistant Program

Accredited by the Commission on Accreditation in Physical Therapy Education, (CAPTE)
1111 No. Fairfax Street
Alexandria, VA 22314
703-684-2782
www.capteonline.org (http://www.capteonline.org)

Radiologic Science Program

Accredited by the:

Joint Review Committee on Education in Radiologic Technology (JRCERT)
20 North Wacker Drive, Suite 2850
Chicago, IL 60606-3182
Phone: 312-704-5300 Fax: 312-704-5304
Email: mail@jrcert.org

Respiratory Care Program

Accredited by the:

Commission on Accreditation for Respiratory Care (CoARC)
1248 Harwood Rd.
Bedford, TX 76021
817-283-2835
www.coarc.com (http://www.coarc.com)

The University is approved to disburse funds for programs of student aid and assistance by the Social Security Administration, the Georgia State Department of Veterans Service, and the Georgia State Department of Education - Division of Vocational Rehabilitation.

Albany State University holds membership in several other state, regional and national associations and groups, including the American Association of Community Colleges, Southern Association of Colleges and Schools, American Library Association and the College Board.

The Albany State University Alumni Association

The goals of the Albany State University Alumni Association are to sustain relationships between alumni and their alma mater, to foster recruitment, and to support the University in carrying out its vision, mission and guiding principles.

The Albany State University Alumni Association provides scholarships to students through the national organization and local chapters. The alumni chapters provide campus visitation programs for prospective students. The Albany State University Alumni Association holds an annual conference to provide leadership training seminars and a forum to set goals and long-range planning.

University Police Department

Albany State University Police Department is open Monday through Friday between the hours of 8:00 a.m. – 5:00 p.m. All crimes reported to the Albany State University Police will be listed in the daily crime Log. Logs remain open for sixty (60) days.

The Albany State University Police may withhold information from the crime log when there is clear and convincing evidence that the release of the information would jeopardize an ongoing criminal investigation or the safety of an individual. In cases where there is clear and convincing evidence to withhold information, the information will be disclosed when the adverse effect no longer exists.

Timely Reports to the Campus Community on Crimes Considered to be a Threat to Those on Campus

In the event that a situation arises, either on or off campus, that, in the judgment of the Chief of Police, constitutes an ongoing or continuing threat, a campus wide "timely warning" will be issued.

Timely warnings will be issued for any crimes that may pose a serious or continuing threat to the campus community. The warning will be issued through the Connect 5 Emergency Notification system, and the Emergency Siren system to students, faculty, and staff and posted on the Albany State University Website. (https://www.asurams.edu)

A safety bulletin will usually be issued the same day of the incident or as soon as possible thereafter by the Albany State University Chief of Police. The bulletins will be posted on the main page for the Albany State University, (https://www.asurams.edu) on the police department web page (https://www.asurams.edu/fiscal-affairs/police) and sent to employees and students via email.

Vehicle Assistance

Officers can assist with jump-starting your vehicle and in most cases, an officer can assist in entering a locked car. Proper identification and signing a waiver is all that is needed.

Lost and Found Property

The Albany State University Police Department is responsible for operating the central Lost and Found operations for the campus. Lost items from all areas of the campus are eventually turned over to the Police. If you have lost an item, a faculty or staff member can provide you with the Lost Property Affidavit or you may come to the station and fill out a form.

You may fill out the form at any time, however, please make all inquiries at the station between the hours of 8:00 a.m. to 5:00 p.m. Monday thru Friday.

All property turned into Lost and Found will be kept a minimum of 60 days. If known, every attempt will be made by our department to contact the owner. If items are unclaimed after 60 days, they will be disposed of appropriately.

Personal Property Registration

The "Personal Property Registration Form" is designed to help identify your property in the event it is stolen, lost or destroyed.

Members of the campus community are encouraged to register laptops and bicycles at no cost. The serial number and pertinent data are recorded on the registration form and kept on file at the campus police office.

Contact the Parking Service Coordinator for information at 229-500-3080.

Anonymous Tip Line and Information Phone Number

If you have information regarding any crime that has occurred or is occurring on campus, we would like you to report it. Please call our tip line at 229-430-7963.

The Albany State University Police non emergency line is 229-430-4711.

Admissions

- Admissions Standards (p. 116)
- Credit for Prior Learning & Experience (p. 118)
- Dual Enrollment (p. 119)
- General Admissions Requirements (p. 119)
- New Student Orientation (p. 119)

Admissions Standards

Freshmen Students

Below are the current admissions requirements for ASU undergraduate first-time freshmen and transfer students with less than 30 transferable semester hours:

High School Transcript

- An official high school transcript of previous academic work should be mailed or sent electronically.
- The official high school transcript should indicate all courses taken and certify the date of graduation with a diploma from a regionally accredited high school.
- To submit official high school transcripts, please contact your high school counselor or graduation coach. Transcripts may be sent electronically or by mail to:

Albany State University
Office of Admissions
504 College Drive
Albany, GA 31705

College Preparatory Curriculum (CPC) Requirements

- Minimum high school CPC grade point average (GPA): 2.00
- Applicants must meet the University System of Georgia's CPC requirements for regular admission.[1] The high school curriculum is the cornerstone of the University System of Georgia (USG) admissions policy.
  - 4 Units of English
  - 4 Units of Mathematics
  - 4 Units of Natural Science
  - 3 Units of Social Science
  - 2 Units of the same Foreign Language

[1] Students who do not meet the minimum CPC requirements, please see THIS.

Test Score Minimum Requirements

Official SAT and/or ACT scores[1] are required to receive a regular admissions decision. The scores are as follows:

- **OLD Scholastic Aptitude Test (SAT) (taken before March 2016)**
  Combine 830 (Critical Reading and Math scores combined)
  Critical Reading: 430
  Mathematics: 400
  Writing: Not considered
- **NEW Scholastic Aptitude Test (SAT) (taken March 2016 or after)**
  Critical Reading: 24
  Mathematics: 22
  Writing: Not considered
- **American College Testing (ACT)**
  English – 17
  Mathematics – 17
  Science Reasoning: Not Considered
  Reading: Not Considered
  Freshman Index = 1940

Admissions decisions for the Access Pathway are based on the following requirements (*Students who do not test will be placed into learning support courses.):

Must submit Next-Generation Accuplacer Placement Examination scores

- **OLD Scholastic Aptitude Test (SAT) (taken before March 2016)**
  Critical Reading: Not Considered
  Mathematics: Not Considered
  Writing: Not considered
- **NEW Scholastic Aptitude Test (SAT) (taken March 2016 or after)**
  Critical Reading: Not Considered
  Mathematics: Not Considered
  Writing: Not considered
- **American College (ACT)**
  English: Not Considered
  Mathematics: Not Considered
  Science Reasoning: Not Considered
  Reading: Not Considered

[1] Albany State University's SAT School Code is 5004; the ACT School Code is 0782.

Nontraditional Students

Students who have been out of high school at least five years or whose high school class graduated at least five years ago, and hold a high school diploma from a regionally accredited high school, or satisfactorily completed the GED, and have earned fewer than 30 transferable semester credit hours are not required to take the SAT or ACT; however, these students must take the Next-Generation Accuplacer Placement Examination and complete any Learning Support requirements.

Homeschool Graduates or Graduates of Non-Accredited High Schools

Graduates of Home School programs or Non-accredited high schools may satisfy admissions requirements using SAT scores and satisfactory documentation of equivalent competence in each of the areas at the college-preparatory level. Applicants who achieve designated scores on each of the following SAT II Subject Tests in an area will be considered to have demonstrated equivalent competence and do not need to submit additional documentation in that area: English Writing, Literature, Math IC or Math IIC, American History & Social Studies, World History, Biology, and one of the following: Chemistry or Physics.

Transient Students

Students who are regularly enrolled in other institutions may be allowed temporary matriculation at Albany State University. Transient admission is ordinarily limited to one semester. Transient students must submit an official application for admission and letters of approval from an Academic Official of the institution in which they are enrolled certifying that they are currently eligible to return to the parent institution, and that they have been granted permission to enroll at Albany State University for a specified period of time. The University requires that the letter of approval include a list of courses that the student should take while enrolled at Albany State University.

Transfer Students

- Applicants who have attended other regionally-accredited institutions can apply for admission with advanced standing, provided they are academically eligible to return to the college or university last attended and have 30 or more transferable college credits. Students transferring from other colleges must send official transcripts of all previous college work to the Office of Admissions and Recruitment. Students with fewer than 30 transferable college credits will be required to meet the Freshman Admissions standards for Albany State University.
- The applicants' eligibility for admission will be based on previous academic performance. The Institution reserves the right to require high school transcripts and ACT or SAT scores for transfer students; it also reserves the right not to accept the credits of an institution, regardless of its accreditation status, when the University determines that the course content is not equivalent to the course content at Albany State University.
- Students must report all courses completed at other institutions. Failure to report previous college attendance is sufficient cause for cancellation of registration and credits earned at Albany State University. A maximum of 90 academic semester hours from an accredited senior college may be applied to the program in which an applicant desires enrollment, provided that grades earned are "C" or better. Applicants who have completed the core requirements in a transfer program in another unit of the University System will receive full transfer credit for all core courses. A maximum of 30 semester hours in any combination of independent study, extension and/or credit by examination earned at other accredited institutions can be accepted toward graduation.
- Albany State University will accept as transferred credit "D" grades earned in core curriculum courses unless otherwise noted in program of study requirements; no freshman English courses with grades less than "C" will be accepted as transfer credit. All transfer applicants accepted for admissions will be provided a copy of their transcript evaluation, which includes the work accepted from the college(s) previously attended. This evaluation must be presented upon registration to the student's advisor. Unofficial transcripts cannot be evaluated. Applicants who have NOT completed at least 30 semester hours of transferable college credits should complete all the requirements for freshman admissions. Students who have not completed Learning Support requirements at another System institution shall be admitted only in accordance with the Learning Support guidelines. Applicants transferring from an institution or program that did not require the CPC may be subject to CPC requirements.

Dual Enrollment Students

Dual Enrollment program allows high school students to enroll in college level courses. The best part is students get credit for college classes AND their equivalent high school course at no cost or very little cost to the student. There is no charge for tuition, mandatory fees, and required books, providing a huge cost savings for parents and students. Students can enroll part time or full time in online or on campus classes. Some even graduate with an Associate's Degree at the same time they graduate from high school. Albany State University welcomes any 9-12th grader attending a public, private, or home study program in Georgia to participate in the Dual Enrollment Program. Georgia Student Finance Commission will pay full tuition and fees for students enrolling in approved courses. Course related fees are also the responsibility of the student.

Readmit Students

Students who have previously attended Albany State University and have not been in attendance for one semester or more are required to file an application for readmission in the Office of the Registrar, by the deadline dates listed on the academic calendar for admission. Students must reenter the same academic department in which they were last enrolled until the change of major is approved.

International Students

International students must meet the following regular admission requirements:

- Complete and submit an official application for admission at least two months prior to the regular admission deadline.
- Have an official United States evaluation completed for all non-US secondary schools attended and for examinations taken. Applicants must have the equivalent of a US high school college preparatory diploma.
- Test scores providing evidence of English language proficiency. If English is not the official language of the applicant's home country, then the applicant must take the Test of English as a Foreign Language (TOEFL). Minimum scores for the TOEFL are as follows:
  - Internet TOEFL – 69
  - Paper TOEFL for Associate's degree – 500
  - Paper TOEFL for all other degrees – 523
  - Computer TOEFL (no longer available) – 193
  - IELTS – 6
  - TOEFL Exam- Students whose first language is not English or who have not studied exclusively in English, will need to send official results of the Test of English as a Foreign Language (TOEFL), with a minimum score of 480 on the written test, 1 57 on the computer-based test, or 54 on the internet-based test must be sent to the Office of International Education. Students may submit satisfactory SAT or ACT test results in lieu of the TOEFL. Cambridge English Test is also acceptable.
  - Students who completed the International English Language Testing System (IELTS) in lieu of the TOEFL may submit their IELTS scores. The minimum IELTS score is Band 5.
  - TOEFL Exemptions: Countries & Territories considered primarily English speaking: Anguilla, Antigua, Australia, Barbados, Bermuda, Bahamas, Belize, British Virgin Islands, Canada (except Quebec), Cayman Islands, Dominica, Grenada, Guyana, Ireland , Jamaica, New Zealand , Nevis & St. Kitts, South Africa, St. Vincent, Trinidad & Tobago, Turks & Caicos, United Kingdom

(England , Scotland, Northern Ireland & Wales), & the United States., OR if you have had college level English with grade of "C" or higher that transferred in from an accredited U .S. post-secondary institution.

The school's destination code is 5004.

- Scores on the SAT from the College Board or scores on the ACT from the American College Testing Program.
- Scores from the Accuplacer Placement Examination of the University System of Georgia.
- Must present evidence of adequate financial resources for the entire period the student will attend Albany State University (complete the Albany State University Certificate of Finances form).

Student Auditors

- Students wishing to enroll without receiving academic credit are considered auditors.
- Student auditors must submit an application and an official high school transcript showing date of graduation or the General Education Development (GED) Examination. Why is this necessary? May be difficult for older learners to obtain.
- Auditors must pay the regular fees for enrollment and shall be prohibited from receiving credit at a later time for courses for which they were registered as auditors. Auditors do not receive credit, but receive a grade of V (see grading system).
- Students who are admitted as auditors are not eligible to receive financial aid.
- Under extraordinary circumstances, the president may waive the requirement of high school diploma or equivalent for auditors.
- The following high school equivalency tests are approved:
  - GED
  - HiSET
  - TASC

Senior Citizen Students (Amendment 23)

- Must be residents of Georgia, 62 years of age or older at the time of registration, and shall present a birth certificate or other comparable written documentation of age to enable the institution to determine eligibility.
- May enroll as a regular or auditing student in courses offered for resident credit on a “space available” basis without payment of fees, except for supplies, laboratory or shop fees.
- Shall meet all USG and institution undergraduate or graduate admission requirements. However, institutions may exercise discretion in exceptional cases where circumstances indicate that certain requirements such as high school graduation and minimum test scores are inappropriate. In those instances, involving discretionary admission institutions will provide diagnostic methods to determine whether or not participation in Learning Support will be required prior to enrollment in regular credit courses. Reasonable prerequisites may be required in certain courses.
- Shall have all usual student and institutional records maintained. However, institutions will not report such students for budgetary purposes.
- Must meet all USG, institution, and legislated degree requirements if they are degree-seeking students.
- Complete the Application and Certification of Fee Waiver under Amendment 23 (https://www.asurams.edu/docs/academic-services-registrar/forms/Application-Fee-Waiver-Under-Amendment-23.pdf#search=Amendment%2023).

Credit for Prior Learning & Experience

Advanced Placement (AP) Credit

The University grants credits for acceptable performance on the College Board administered AP Examination. In order to receive college credit, a minimum exam score of three (3) is required.

International Baccalaureate (IB) Credit

The University accepts certain courses which have been passed on the IB examination. Students must bring a copy of the IB transcript to the Office of Admissions and Recruitment for evaluation. If the scores meet the University's requirements, credit will be placed on the student's Albany State University transcript.

Military Credit

- Veterans and active duty personnel who have at least two years of honorable service are eligible for Academic credit as a result of their military training and experience. In recognition of the contributions made by persons serving in the military and the extensive training in which they have engaged, the University grants the following academic exemptions to veterans:
  - A maximum of 3-semester hours of credit for the health and physical education courses in the "Above the Core" category is awarded to all veterans and active duty military personnel.
  - A maximum of an additional 6-semester hours of credit in social science is awarded to enlisted persons in grades E-1 through E-6. This credit may be used to fulfill 6 semester hours of the social science requirements.
  - Commissioned and Warrant Officers and Noncommissioned Officers in grades E-7 through E-9 are awarded an additional 3 semester hours of credit in social sciences, as determined by the student's declared program of study, plus 3 semester hours in public speaking.

Albany State University follows the recommendations of the American Council on Education (ACE) to award credit for military training where it is appropriate to do so. Students are encouraged to request their military transcripts for review as part of the admission process.

Army, Navy, Marine, and Coast Guard

https://jst.doded.mil/smart/welcome.do

Air Force

https://www.uaf.edu/veterans/military-transcripts/

Work Experience Credit

- Albany State University values the life experiences of our students, and it is possible for you to accelerate your degree through our Prior Learning Assessment option.
- Undergraduate college credits can be requested for job, volunteer, or life experiences that are similar to the learning outcomes for a particular course. The student must prepare and submit a Prior Learning Assessment Portfolio that demonstrates the depth and

breadth of prior learning by providing compelling evidence. The dean, department chairperson, and faculty will participate in the review process for student portfolios and, if warranted, are able to grant credit for prior learning that is found to be at the college level.

- Students should recognize that while many prior learning experiences are meaningful, they are often not equal to the quality of knowledge learned in the college classroom. Therefore, students who seek academic credit for life or work experience must be able to clearly demonstrate and document that their experiences are equal in quality to the knowledge they would gain in the classroom. Credit for prior learning experience is awarded only for comparable courses required of the student's academic major.

Dual Enrollment

Dual Enrollment Students

- Dual Enrollment program allows high school students to enroll in college level courses. The best part is students get credit for college classes AND their equivalent high school course at no cost or very little cost to the student. There is no charge for tuition, mandatory fees, and required books, providing a huge cost savings for parents and students. Students can enroll part time or full time in online or on campus classes. Some even graduate with an Associate's Degree at the same time they graduate from high school. Albany State University welcomes any 9-12th grader attending a public, private, or home study program in Georgia to participate in the Dual Enrollment Program. Georgia Student Finance Commission will pay full tuition and fees for students enrolling in approved courses. Course related fees are also the responsibility of the student.

Dual Enrollment

Provides an opportunity for academically talented high school students from eligible Georgia high schools to begin earning a college degree while simultaneously pursuing a high school diploma. There is no charge for tuition, mandatory fees, and required books for approved classes. All hours taken and paid for by the Dual Enrollment Program will not be counted in the combined paid-hours limit for the Hope Scholarship.

- Dual Enrollment students can enroll in an Associate of Science or Associate of Art in the core curriculum. They can enroll part time or full time but cannot enroll in over 15 approved hours.
- 9th grade students are permitted to enter if they meet the GPA and score requirements but must take classes at their high school in cohort classes.
- Books are included in the cost but must be returned in order to not be charged.

A student must meet the following qualifications to be admitted to the program:

1. Completed Albany State University application for admissions
2. Completion of the 9th grade
3. High school academic GPA of 3.0 or higher
4. Be enrolled in a Georgia high school or home study program in accordance with O.C.G.A §20-2-690(c)
5. Students must submit official ACT, SAT, or Accuplacer test scores that meet the following minimum standards:

Test	Combined CR and Math (Old SAT) Composite Score (ACT)	Critical Reading (SAT)	Math
SAT		24	22
ACT		17	17

OR

Test	Reading	WritePlacer/ English	Algebra
ACCUPLACER	63	4	MATH 1111-79

Any SAT taken after March 2016 has new scoring. New scores must be converted to the Old SAT equivalents before getting the combined score. A conversion table can be found at https://collegereadiness.collegeboard.org/sat/scores/understanding-scores/sat-score-converter.

6. Students must submit the following before they can register:
    a. A completed immunization form
    b. Satisfaction of verification of lawful presence
    c. Parental consent form
    d. Student participation agreement

General Admissions Requirements

The admissions policy of Albany State University is designed to admit those applicants who show a reasonable probability for success in completing requirements for a degree. In considering the applicant, the Office of Admissions and Recruitment will review the previous academic record, entrance examination scores and grade-point average.

All applicants must present the required credentials for review and evaluation. Acceptance or denial of admission is determined by the Director of Admissions and Recruitment.

An application for admission is considered when the completed application and all requested credentials have been received by the University.

General Requirements

An applicant must submit the following credentials by:

- June 1 for Fall Semester
- November 1 for Spring Semester
- April 1 for Summer Semester

Applying for admission is as easy as 1-2-3! Use the steps below to begin your journey to becoming an ASU Golden Ram.

1. Submit your application online. Click here to apply now.
2. Send your official transcripts and test scores.
3. Complete your FAFSA online.

New Student Orientation

Albany State University's New Student Orientation program is designed to make the transition to the University an easy and pleasant experience for our students. It is a mandatory step for all first-time-freshman and first-year transfer students with less than 30 credit hours. The newly admitted

students will learn about academic programs, institutional services, student life, and campus resources. Students are also able to meet with academic advisors, success coaches, faculty and administrators to confer before registering for classes. Transfer students with more than 30 hours and graduate students should schedule appointments with their program advisors for registration information. Students are encouraged to register for orientation after they have been accepted to the University.

Financial Aid

Office of Financial Aid

Location: Ram Central East
504 College Drive, Albany, GA 31705
Billy C. Black Building, Room. 170

Location: Ram Central West
2400 Gillionville Rd., Albany, GA 31707
C Building

Telephone: 229.500.4358
Email: ifinaid@asurams.edu

The Office of Financial Aid at Albany State University is committed to increasing opportunities for student access and success in higher education by helping students and their families seek, obtain, and make the best use of all financial resources.

Through financial literacy and guidance, we support incoming students in making a successful transition to college. We also contribute to the University's retention efforts by providing ongoing assistance to our continuing students to help make their academic efforts more attainable.

While complying with federal, state, and institutional guidelines, we ensure equity and consistency in the delivery of funds to students.

Hours of Operation

Monday: 8:00 am - 7:00 pm
Tuesday, Wednesday & Thursday: 8:00 am - 5:00 pm
Friday: 8:00 am - 2:00 pm

*Office hours will vary during registration times, holidays, summer term and semester breaks. Check our website during those times for updated office hours.

Types of Financial Aid Offered

Federal Financial Aid

Consists of grants, work-study, and loans. Students interested in federal financial aid must complete a Free Application for Federal Student Aid (FAFSA) form. This form must be completed each academic year in which the student would require financial assistance. The federal funds are:

- Federal Pell Grant
- Federal Supplemental Education Opportunity Grant (SEOG)
- Federal TEACH Grant
- Iraq and Afghanistan Service Grant
- Federal Work-Study Program
- Federal Direct Subsidized Loan
- Federal Direct Unsubsidized Loan
- Federal Direct PLUS Loan (for parents and graduate students)

Federal Pell Grant

Federal Pell Grant makes financial assistance available to eligible students attending approved post-high school institutions. Eligibility and actual amount of aid are determined by the Department of Education. This is a need-based program for undergraduates with no repayment required. Eligible students must be enrolled in at least one credit hour. Pell Grant is prorated for enrollment less than full-time enrollment, which is fewer than 12 credits.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Federal Supplemental Educational Opportunity Grant (SEOG)

The Federal Supplemental Educational Opportunity Grant Program is for students with exceptional financial need who, without the grant, would be unable to continue their education. This is a federally-funded grant program for undergraduate students who have not earned a bachelor's degree. This award does not require repayment. Eligible students must also be Pell eligible and enrolled in at least one credit hour. SEOG funding is limited and will be awarded if funds remain available.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Federal TEACH Grant

Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program that provides grants of up to $4,000 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. If you meet TEACH Grant requirements you should complete a TEACH Grant Application, found online at www.asurams.edu, under financial aid forms, and submit it to the Office of Financial Aid.

Iraq and Afghanistan Service Grant

A student who is not eligible for a Pell Grant, but whose parent or guardian was a member of the U.S. Armed Forces and died as a result of service performed in Iraq or Afghanistan after September 11, 2001, may be eligible to receive the Iraq and Afghanistan Service Grant.

Additional Student Eligibility Requirements for this grant:

- Be under 24 years old; or
- Enrolled in college at least part-time at the time of the parent's or guardian's death

The grant award is equal to the amount of a maximum Pell Grant for the award year – not to exceed the cost of attendance for that award year.

Federal Work-Study Program

The Federal Work-Study Program provides jobs for students who need financial aid and who must earn a part of their educational expenses. This program is based on need. Eligible students must be enrolled in at least one credit hour. In arranging a job and determining how many hours per week a student may work under this program, the student's financial need, class schedule, and academic progress will be taken into account.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Federal Direct Subsidized Loan

These loans are for students who demonstrate financial need. The federal government is the lender. The institution administers the loan. The interest rates are variable and may be adjusted each year. The interest rate on this loan will not exceed 8.25 percent. Subsidized means the federal government pays the interest of these loans while the student is enrolled in school on at least a half-time basis (6 or more credit hours). A loan fee is deducted from each disbursement and is subject to change. The federal government retains this amount as an origination fee, which reduces the cost of supporting low-interest loans. Payment begins six months after the student leaves college or stops attending on at least a half-time basis.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Federal Direct Unsubsidized Loan

The unsubsidized loan is not based on financial need. The government does not pay the interest on these loans.The interest rate on this loan will not exceed 8.25 percent. It has the same terms and conditions as the subsidized loan listed above. Payment begins six months after the student leaves college or stops attending on at least a half-time basis.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Federal Direct PLUS Loan (Undergraduate Students)

Federal PLUS loans are for parents with satisfactory credit history who want to borrow a loan to assist with paying for their dependent students' education. The first payment on a PLUS Loan is due within 60 days after the final loan disbursement for each loan. The interest rates are variable and adjusted each year. The interest rate is on these loans will not exceed 9 percent. A loan fee is deducted from each disbursement and is subject to change. The federal government retains this amount as an origination fee, which reduces the cost of supporting low-interest loans.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Federal Direct Grad PLUS Loan (Graduate Students)

Graduate and professional degree students with satisfactory credit history can borrow a Direct GRAD PLUS Loan to help cover education expenses. The terms and conditions applicable to the GRAD PLUS Loan are the same terms and conditions as the PLUS loan listed above for undergraduate students.

Before a student can receive a GRAD PLUS Loan, the school must have determined your eligibility for the Direct Unsubsidized Direct Loans.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

More detailed information on eligibility or any of the above types of federal funds can be found at http://studentaid.ed.gov/.

State Financial Aid

Consists of scholarships and grants offered by the State of Georgia. Students interested in the HOPE Programs must complete either the Free Application for Federal Student Aid (FAFSA) or the Georgia Student Financial Aid Application System (GSFAPPS). It is recommended that all students complete the FAFSA form so that the Financial Aid Office can award students both federal and state aid. If a student does not complete a FAFSA form but completes the GSFAPPS Application instead, Office of Financial Aid can only award HOPE funds. The state funds include:

- HOPE Scholarship
- Zell Miller Scholarship
- HOPE Grant
- Zell Miller Grant

HOPE Scholarship

Georgia's HOPE Scholarship is available to Georgia residents who have demonstrated academic achievement. The scholarship provides money to assist students with the educational costs of attending a HOPE eligible postsecondary institution (https://www.gafutures.org/media/113357/hope-scholarship-eligible-institutions.pdf) located in Georgia. Frequently Asked Questions about the HOPE Scholarship (https://www.gafutures.org/media/177813/faqs-hope-zm-scholarship-122116.pdf).

Zell Miller Scholarship

Georgia's Zell Miller Scholarship is available to Georgia residents who have demonstrated academic achievement. The scholarship provides money to assist students with the educational costs of attending a Zell Miller Scholarship eligible college (https://www.gafutures.org/media/113364/zell-miller-scholarship-eligible-institutions.pdf) located in Georgia. Frequently Asked Questions about the Zell Miller Scholarship (https://www.gafutures.org/media/177813/faqs-hope-zm-scholarship-122116.pdf).

HOPE Grant

Georgia's HOPE Grant (a separate program from the HOPE Scholarship) is available to Georgia residents who are working towards a certificate or diploma (continuing education programs are not eligible) at an eligible college or university in Georgia.

Zell Miller Grant

Georgia's Zell Miller Grant is available to Georgia residents who are working towards a certificate or diploma at a Technical College System of Georgia (TCSG) or University System of Georgia (USG) institution.

More detailed information on eligibility or any of the above types of state funds can be found at https://www.gafutures.org/hope-state-aid-programs/.

Institutional Scholarships

Institutional Scholarships are those scholarships funded through the Albany State University Foundation. These scholarships vary from year to year. Current scholarship information can be found at www.asurams.edu.

External Scholarships

External Scholarships are available through external sources such as local churches, clubs, professional organizations, private foundations and civic groups. High school students should also check with their high school libraries and guidance counselors. Listed below are some scholarship search websites:

- www.gacollege411.org (http://www.gacollege411.org)
- www.college-scholarships.com (http://www.college-scholarships.com)
- www.fastweb.com (http://www.fastweb.com)
- www.gmsp.org (http://www.gmsp.org)

- www.collegeanswer.com (http://www.collegeanswer.com)
- www.gocollege.com (http://www.gocollege.com)
- www.collegeboard.org (http://www.collegeboard.org)
- www.scholarships.com (http://www.scholarships.com)
- www.collegenet.com (http://www.collegenet.com)

Albany State University is in no way affiliated with these websites. This information is provided to assist our students in locating funds for college expenses. The information presented on these web sites does not necessarily reflect the views of Albany State University.

Military Educational Assistance Programs

Military Educational Assistance Programs assist veterans, active duty personnel, and eligible dependents with costs associated with attending college. Any prospective students that meet this criteria are encouraged to take full advantage of benefits available through the Veterans Administration. Those students eligible for benefits should apply for Admissions to the University and complete the Admissions process. An application for VA Education Benefits should be completed prior to entering the institution. The Veteran or other eligible persons are advised to have money available to cover the first semester's tuition and fees at the time of enrollment. Albany State University does not participate in advanced payment with the VA. Interested persons should contact the Office of Military and Adult Education for information and assistance pertaining to eligibility and application for Educational Benefits at 229-500-2070.

Financial Aid Eligibility

All federal financial aid recipients must meet the following requirements:

- Demonstrate financial need (for most programs);
- Be a U.S. citizen or eligible non-citizen;
- Have a valid social security number;
- Be registered with Selective Service, if you are male (you must register between the ages of 18 and 25);
- Have a high school diploma or General Education Development (GED) certificate;
- Be admitted to Albany State University, paid the application fee (if applicable), and be enrolled as a regular student in an eligible degree or certificate program;
- Be enrolled at least half-time to be eligible for Direct Loan Program funds;
- Maintain satisfactory academic progress requirements;
- Not be in default on a student loan and not owe money on a federal student grant received at any school;
- Agree to use federal student aid for educational purpose only;
- Provide all necessary documentation required/requested[1]

[1] Federal regulations mandate that a school must have a system of identifying and resolving discrepancies in all FSA-related information received by any school office. A school must resolve discrepancies for all students, not just those selected for verification. Resolution includes determining what information is correct and documenting the school's finding in the student's file. Conflicting information must be resolved before disbursing aid or making a professional judgment adjustment. If conflicting information arises after a student's aid was originally disbursed, the school may remove any disbursements of aid from a student's account and require resolution of any conflicting information before disbursing any further aid. If this occurs, the student may be liable to the college for any balances owed as a result of receiving aid that he/she wasn't eligible for based on the conflicting information.

All students should also be aware of the following information regarding financial aid eligibility:

- Financial aid will only pay for classes required for a student's major as identified by the Office of the Registrar. Students should refer to the major course requirements before registering for classes.
- All financial aid recipients must maintain Satisfactory Academic Progress (SAP). Undergraduate students must maintain at least a 2.0 cumulative GPA and successfully complete a minimum of 67% of the cumulative credit hours attempted (cumulative earned hours versus cumulative attempted hours). Coursework used to evaluate SAP for **degree programs** includes all attempted hours at Albany State University, including Learning Support after 30 hours and repeat courses, as well as most transfer hours, regardless of whether or not a student received financial aid for those courses. Coursework used to evaluate SAP for **certificate programs** includes all attempted hours required toward that specific program only. Students who do not meet the SAP standards are not eligible for financial aid, with the exception of those students in a WARNING or PROBATION status as described by our Financial Aid SAP Policy www.asurams.edu.
- Financial aid will pay up to 150% of Albany State's programs of study. For example: If an Associate Degrees is 60 credit hours, financial aid will pay for a total of 90 attempted credit hours (60 x 1.5 = 90); For a Bachelor's Degree that is 120 credit hours, financial aid will pay up to 180 attempted credit hours (120 X 1.5=180). Students in a certificate program are allowed to attempt up to 150% of the hours required for that specific certificate program.
- Financial aid recipients enrolled at two or more colleges/universities at the same time cannot receive duplicate federal financial aid at both schools. If it is determined that a student is receiving duplicate aid at two schools, ASU will remove the aid and the student may owe a balance as a result.
- Students must be attending at least 6 credit hours applicable toward their major to be eligible for a student loan.
- Students who register for a second half semester course (B-term) have fees due at the regular published fee payment deadlines, even though in some cases federal student loan funds may not be available until B-term has actually begun.
- Enrollment for federal and state grant recipients is "frozen" each semester at the end of add/drop period. Students must be registered for **all** parts of term before the freeze date to receive aid for any class(es).

All financial aid recipients are strongly encouraged go to Albany State's website at www.asurams.edu, under the Financial Aid section, for additional or updated information on financial aid requirements,

procedures, and frequently asked questions, and to view the Student Rights & Responsibilities.

Conflicting Information

Conflicting information occurs when information reported, either verbally or on any documentation submitted to any office at the University, does not match the information being reported on the FAFSA or supplemental forms/documents and the discrepancy affects eligibility or is of sufficient magnitude to materially affect the amount and types of aid a student is eligible to receive.

Federal regulations mandate that a school must have a system of identifying and resolving discrepancies in all FSA-related information received by any school office. A school must resolve discrepancies for all students, not just those selected for verification. Resolution includes determining what information is correct and documenting the school's finding in the student's file. Conflicting information must be resolved before disbursing aid or making a professional judgment adjustment. If conflicting information arises after a student's aid was originally disbursed, the school may remove any disbursements of aid from a student's account and require resolution of any conflicting information before disbursing any further aid. If this occurs, the student may be liable to the University for a balance owed as a result of receiving aid that he/she wasn't eligible for based on the conflicting information.

Steps to Apply for Financial Aid

- **Electronically submit the FAFSA** at www.fafsa.gov (http://www.fafsa.gov) before the deadline – This will start the financial aid process and determine aid amounts. Be sure to include the School Code: **001544** and visit our website for the Financial Aid deadlines. The priority deadline and financial aid deadline per term are different. The priority deadline refers to the preferred deadline you should submit your financial aid paperwork by to ensure the best financial aid package, as some funding is limited and will run out. **Note**: ***It may take up to 5 business days for ASU to receive your FAFSA data from the Department of Education.***
- **Check your Banner Web frequently.** Please make sure that your Banner Web account is active so that you can respond to any request for verification/documentation. If not yet admitted, students may access Banner Web as a guest. If additional information is needed to process your financial aid, you will be notified via Banner Web. **Note**: ***It can take up to 4 weeks once you have submitted all required documentation to review and award your file.***
- **Financial aid does not transfer from one school to another.** If you are a **transfer student,** you will need to **cancel all pending** loans or grants at the school where you last attended. After requesting cancellation at your previous school, please notify Albany State University that your loans and grants have been cancelled. **Note**: ***Aid will not show as cancelled until your previous school reports the cancellation to the Department of Education-we cannot proceed with processing a file until aid shows fully cancelled.***

Financial Aid Application Deadlines

Students who want to apply for financial aid should complete the Free Application for Federal Student Aid (FAFSA) as soon as possible after October 1st.

Students are urged to complete the FAFSA at http://fafsa.ed.gov. The Albany State University School Code is **001544.**

Date	FAFSA Deadline
February 15	Priority FAFSA Processing Deadline

The Office of Financial Aid will be processing completed applications for the academic year as soon as Federal regulations are received and the Board of Regents determines tuition rates for the academic year. A student must be accepted for enrollment (new students and readmits) before he/she can be awarded.

Application processing can take up to 4 weeks for completion, assuming all requested documents were submitted and are acceptable. Although the priority deadline is **February 15** of each year, applications that are not completed by the following deadlines may not be processed by the beginning of the designated semester.

Semester	Date
Fall semester	**June 1**
Spring semester	**November 1**
Summer semester	**April 1**

If a student has not completed the financial aid application process (this includes providing additional documentation as requested by the Office of Financial Aid) by the dates given above, the student should be prepared to pay all educational costs assessed on the fee statement by the fee payment deadline. If a student is determined eligible for financial aid at a later date, aid can be disbursed in accordance with federal regulations.

Other Resources/Estimated Financial Assistance (EFA)

Students are required to disclose financial assistance that will be paid by a third party on their behalf. When a portion of a student's cost of attendance is waived or paid by another source, other than federal financial aid, this is considered other resources or estimated financial assistance (EFA). Examples of other resources include, but are not limited to, the following:

- External grants and scholarships
- University grants and scholarships
- Benjamin A Gilman's Study Abroad Scholarship
- Funds for Education Abroad
- Freeman-Asia study abroad scholarship in East or Southeast Asia
- Tuition assistance
- Stipends
- Military tuition benefits
- University tuition discounts and waivers
- University administration tuition and/or student account adjustments
- Income from insurance programs that pay for the student's education
- Private loans
- Private and state grants
- Tribal aid
- Other financial assistance paid directly to the University

A student must have financial need to receive all federal financial aid funds except for Direct Unsubsidized and PLUS Loans under the Direct Loans program. As such, a student's expected family contribution and other resources will be subtracted from the cost of attendance when

determining eligibility for federal financial aid (Title IV). All awards, including need and non-need-based aid, cannot exceed a student's annual cost of attendance.

EFA must not exceed a student's cost of attendance. If the University receives additional other resources that cause the student to exceed the cost of attendance, it will adjust the awards appropriately to eliminate the overaward. This may include reducing future disbursements for a second or subsequent payment period or returning awards to the funding source. Funds will be returned in the order most beneficial to the student.

Loan Proration - Undergraduate Students

Under 34 CFR 685.203(a),(b),(c), federal regulations require schools to prorate the Federal Direct Stafford Loan amount for **graduating undergraduate students** when their final period of enrollment is less than a full academic year. Graduating seniors who are **only attending one semester** of the academic year may have their Federal Direct Stafford Loans prorated based on the number of credit hours remaining in his/her program of study. For more information on this policy, please visit www.asurams.edu or the Office of Financial Aid during regular business hours.

Loan proration requirements do not apply to graduate or professional certificate students.

Satisfactory Academic Progress (SAP) Policy

Federal regulations, HEA Sec. 484(c) §668.16, 668.34, require institutions participating in Title IV federal financial aid programs to develop academic progress standards and review student records to ensure they are complying with these standards and making adequate progress toward their academic goals. At Albany State University's (ASU) Office of Financial Aid (OFA), **SAP is reviewed each semester**. Students who do not meet the minimum SAP standards are not eligible for financial aid, unless they have been granted a WARNING, APPROVED APPEAL, or PROBATION status as described below. **The Financial Aid SAP policy should not be confused with academic PROBATION or GOOD STANDING.** Failure to maintain SAP will result in the loss of all federal and state aid, including:

- Federal Pell Grant
- Federal Supplemental Education Opportunity Grant (SEOG)
- Federal TEACH Grant
- Iraq and Afghanistan Service Grant
- Federal Work-Study Program
- Federal Direct Subsidized Loan
- Federal Direct Unsubsidized Loan
- Federal Direct PLUS Loan (for parents and graduate students)
- State of Georgia Financial Aid Programs, including the Georgia HOPE Scholarship Programs
- Other Grant and/or Scholarship programs which require Satisfactory Academic Progress verification

Components of SAP

ASU's definition of satisfactory academic progress for receiving financial aid includes the following:

1. **Grade Point Average (Qualitative Measure)**
   Students are required to maintain a minimum 2.0 undergraduate / 3.0 graduate cumulative **Financial Aid** GPA. **All attempted hours at Albany State University, including learning support after 30 hours and repeat courses, as well as most transfer hours, regardless of whether or not you received financial aid for those terms of enrollment, are included in SAP evaluation** (exclusions: transfer courses accepted as "NO CREDIT). Grades that are not associated with quality points cannot be used to calculate the GPA. They do, however, count as attempted hours.

2. **PACE (Quantitative Measure)**
   Completion Ratio -- Students must successfully complete a minimum of 67% (**NO** rounding) of the cumulative credit hours attempted (cumulative earned hours versus cumulative attempted hours). Grades of F, W, WF, U, I, and NR do not indicate successfully completed courses. They will be counted as attempted, but not earned hours.

3. **Maximum Time Frame**
   Students are allowed to receive financial aid for up to 150% of the hours required for their degree program. Example: If a bachelor program requires 120 credit hours, a student may attempt a maximum of 180 hours (120 x 1.5=180) before becoming ineligible for financial aid. Please see the chart below for more detailed information.

Program	Maximum Attempted Hours Allowed[1]
First Associate Degree	90 semester hours or 150% of required hours (maximum hours will be adjusted for programs greater than 60 hours)[2]
Second Associate Degree	153 semester hours or 150% of required hours allowed for first associate's degree**[2]
First Bachelor's Degree	180 semester hours or 150% of required hours (maximum hours will be adjusted for programs greater than 120 hours)[2]
First Master's Degree	45 semester hours (maximum hours will be adjusted for programs greater than 30 hours)
Bachelor - Double Major	Determined based on program requirements as requested, contact the Office of Financial Aid for more information.

[1] *The Maximum Length of Study does* ***not extend beyond the completion of coursework for a degree program***

[2] *Students who were enrolled at both institutions (Darton State College and ASU) at the time of the consolidation will have a separate Satisfactory Academic Progress Policy in an attempt to mitigate effects of the consolidation.*

After First Bachelor Degree is Earned[2]	Maximum Attempted Hours Allowed (includes all attempted hours)[1]
Second Bachelor's Degree	270 semester hours
Second Master's Degree	75 semester hours

[1] *The Maximum Length of Study does **not extend beyond the completion of coursework for a degree program***

[2] *No hours for additional programs beyond the second degree*

(Please note: financial aid can only apply toward those courses required for the program even though all courses are counted in SAP.)

Eligible Coursework Requirement

Federal regulations require that financial aid funds can only be used to pay for coursework that is required toward the completion of the official degree on record in the Office of the Registrar at the time of taking the coursework. A student is expected to know and understand his/her degree requirements and work with an academic advisor to ensure that courses will meet degree requirements. If it is determined that a student takes coursework that does not meet his/her degree requirements, the student is required to repay all or a portion of the financial aid received. Repayment amounts will depend on how the ineligible coursework affected the financial aid award.

Changing Majors

Undergraduate students who change majors during the academic year are strongly encouraged not to withdraw from any classes as they still must successfully complete a minimum 67% of the hours attempted at ASU, **including all hours accepted in as transferable credit.** Students who change majors or degree programs are at risk of exceeding eligibility limits before obtaining a degree. Students who decide to change majors or degree programs should do so early in their academic career so as not to jeopardize future eligibility for student financial aid at the University. **Major changes are not considered mitigating circumstances for financial aid appeal purposes.**

Remediation / Learning Support Enrollment

Students cannot receive financial aid for more than 30 semester hours of remedial coursework (Learning Support and Regents courses). If these courses must be taken beyond 30 semester hours, students must enroll at their own expense.

Repeated Courses

All repeated courses and grades will be included in SAP calculations. Students may only receive Title IV financial aid for one repeat of a previously passed course.

Students who wish to retake a previously passed course in their final term of enrollment for their program should contact the Office of Financial Aid to determine how this may affect their awards.

Completed Program of Study But No Degree Earned

A student who completes the academic requirements for a program, but does not yet have a conferred degree, is not eligible for further Title IV financial aid for that program. Adding an additional major, minor, or concentration will not permit the student to extend the length of a degree and eligibility for financial aid funding.

The Office of the Registrar, after approving the audit, will determine if the student has completed all course requirements for the degree. This includes courses for double majors or minors. After your audit for degree has been completed, you will be identified as a potential graduate. If you fail to meet graduate requirements, you may no longer be eligible to receive financial aid funds.

Students who are not eligible to receive financial aid funding through the Office of Financial Aid for the next semester of enrollment will have to pay out of pocket with an alternative funding source.

Undergraduate Transfer Students

Undergraduate transfer students are also subject to the 67% Minimum Pace of Completion, the Maximum Allowable Total Attempted Hours and the minimum 2.0 overall GPA requirement. As previously stated, **all hours attempted while enrolled at the University (an exception is made for the first 30 hours of remedial coursework), and all transfer hours accepted by the University, are included in SAP determination**.

Study Abroad/Student Exchange Programs/Consortium Courses

Hours enrolled in Study Abroad, Student Exchange or Consortium courses are counted as attempted hours when applying SAP standards. **These grades do not count as successfully completed hours until a transcript is received by the Office of Undergraduate Admissions and grades are entered on the student's academic transcript.** Students should contact OFA once Study Abroad, Student Exchange or Consortium grades are entered so OFA can determine if the student now meets the 67% Pace of Completion for SAP.

Excessive Elective Courses

Students found to be enrolling in an excessive number of elective courses may have their financial aid revoked as these do not contribute to making satisfactory progress toward earning a degree.

Academic Renewal

University approval of Academic Renewal **does not** supersede SAP requirements. All attempted hours will continue to be included in SAP determination.

SAP Determination

All new, first-time freshmen students are considered to meeting SAP during their initial term of enrollment at ASU. All transfer student SAP calculations will be determined using transfer hours accepted by ASU for credit. SAP will subsequently be calculated after grades are posted at the end of each semester.

Warning Status

Students who are not meeting SAP qualitatively (2.0 undergraduate or 3.0 graduate cumulative GPA) and/or quantitatively (67% completion) are allowed to receive financial aid for one term with a status of WARNING. **Students are notified by email when they are placed in a WARNING status and no appeal is necessary to receive aid for this status.** Students must meet the SAP requirements at the end of their next term of enrollment or lose financial aid eligibility. Students may only be placed on Warning if they were meeting the SAP standards for the immediate preceding term. Students will only be allowed one warning per academic year.

Financial Aid Suspension

Financial Aid suspension occurs when students have failed to maintain satisfactory academic progress. When financial aid is suspended, students are no longer eligible for aid until they are meeting the terms of academic progress for financial aid both qualitatively and quantitatively, or have an approved financial aid appeal. **Students on financial aid suspension are ineligible for aid. Therefore, it is the student's responsibility to pay all tuition and fees by the payment deadline to prevent cancellation of registration.**

SAP Appeals

Students who lose their financial aid eligibility may appeal based on mitigating circumstances. Mitigating circumstances are defined as unanticipated and unavoidable events or situations beyond a student's control that prevented him or her from successfully completing courses or meeting the terms of a prior appeal. Examples of **acceptable** mitigating circumstances could include (but are not limited to) serious accident or illness of the student, serious illness or death of immediate family member (parents, grandparents, siblings, spouse, children), and/or unexpected financial obligations, etc. Examples of **unacceptable** mitigating circumstances include (but are not limited to) withdrawal to avoid a failing grade, too many courses attempted, voluntary change of major, limited number of tests/assignments, disagreement with instructor, voluntary change in work hours, being out of school for number of years, and/or incarceration. The Office of Financial Aid realizes that students may not be able to continue their education without financial assistance; however, this is not a reason that will be considered for an appeal. Approval of all appeals is determined on a case-by-case basis and is not guaranteed.

SAP Appeal Process

- Download or view the Satisfactory Academic Progress Appeal Process instructions on the Financial Aid page of the ASU website. You will be required to provide a detailed explanation of mitigating circumstances, supporting documentation, and a statement explaining what has changed that will allow you to be successful.
- Submit all appropriate documentation by the deadline for the following term of enrollment. *(NOTE: Appeals submitted after the deadline will be accepted but may not be reviewed before the fee payment deadline. Meeting this deadline does not guarantee that funds will be available, only that a decision will be made by the fee payment deadline.)* Appeals will not be approved without sufficient supporting documentation. **Incomplete appeals may result in automatic denial.**
- First appeals will be reviewed by the SAP Appeals Committee.
- Subsequent appeals will be reviewed by the Director of Financial Aid and may require a meeting with the student at the Director's discretion. The Director's decision is final and may not be appealed.
- Notification of the appeal decision and conditions of any approval will be sent by mail and/or email to your ASU email account.
- If assigned an academic plan and the conditions of that plan are not met, the appeal will be rescinded and financial aid eligibility will be immediately suspended. Students will be notified by mail and/or email.
- Students whose appeals are denied or rescinded will be required to pay tuition/fees in full by the next published fee payment deadline.
- Appeal approval is determined on a case-by-case basis and is not guaranteed.

Probation Status

Students who lose financial aid eligibility, but have an approved SAP appeal are placed on financial aid PROBATION. Students in this status may continue to receive aid for one semester or for the amount of time designated in the aid academic plan outlined in the appeal approval. Students on financial aid PROBATION will have their progress checked at the end of each semester. Failure to meet any part of the academic plan will result in the appeal being rescinded and the immediate loss of financial aid eligibility. **It is important to note** that all stipulations and requirements of an OSFA approved **academic plan** are final and are not subject to further consideration by the University's Satisfactory Academic Progress Appeals Committee.

Student Financial Counseling May Be Required

Students who previously received Federal Direct Student Loans or previously failed to maintain SAP may also be required to complete additional financial counseling before eligibility for student financial aid can be re-established.

Regaining Student Financial Aid Eligibility

A student may be awarded Federal Pell Grants, Federal Perkins Loans, Federal Supplemental Educational Opportunity Grants (FSEOG), Federal Direct Loans and state financial aid (HOPE Scholarship, Zell Miller Scholarship, etc.) for the semester **in which the student is now making SAP or the semester for which a SAP appeal and/or an academic plan has been approved.**

All other rules and regulations governing federal and state student financial aid programs still apply.

Return of Title IV Funds

Students who receive financial aid are subject to the Repayment/Return of Funds Policy. Students who withdraw, drop classes or complete zero credits for the period of enrollment for which they have been charged tuition and received financial aid may have to repay a portion of the grants and/or loans they received, as well as any tuition Albany State University returns to financial aid programs as a result of withdrawal. ***This policy does not apply to work study earnings received.*** If it is determined, at any point, that a student never attended a course/courses in a semester where financial aid was received, a repayment of all funds received will be required. Students who remain enrolled greater than 60% of the payment period are considered to have earned 100% of the aid received and will not owe a repayment of financial aid. If a student completes at least one course they will be subject to the ***2018-2019 Satisfactory Academic Progress Policy***, rather than the Repayment/Return of Funds Policy. Please note that the Financial Aid Repayment/Return of Funds Policy and Albany State University's tuition refund policy are separate. The financial aid "return of funds" policy described below has been established by the U.S. Department of Education and must be followed for all aid recipients.

Determining Date of Withdrawal/Last Date of Attendance

The date of withdrawal used to determine whether or not a student owes a repayment of financial aid funds, and the amount of repayment, is determined as follows:

- The date the student began the institution's withdrawal process or ***officially*** notified the institution in writing of intent to withdraw. Withdrawals are considered official when a student completes and submits an add/drop form to the Office of the Registrar prior to withdrawal deadlines for the semester.

OR, if a student did not withdraw or notify the institution of the intent to withdraw (*unofficial withdrawal*), the last date of attendance is determined as follows:

- The latest date of attendance posted by the faculty member(s) will be used if that date is past the 50% point of the semester. If the latest date is not past the 50% point of the semester, and multiple dates are reported, the latest date of attendance posted by the faculty member(s) will be used as the last date of attendance.

For assistance with withdrawing from all or some of your courses for a semester, please contact the ASU Office of the Registrar at 229-500-4358.

Funds are returned to the following sources in order of priority, as established by Congress

1. Unsubsidized Direct Loans
2. Subsidized Direct Loans
3. Direct PLUS Loans (parent or graduate)
4. Federal Pell Grants
5. Federal Supplemental Educational Opportunit (FSEOG)
6. Federal Teach Grant

Determining Repayment Amount

There are six basic steps in the formula for calculating the amount of funds that must be returned to the financial aid programs:

1. Determine date of withdrawal/last date of attendance and percentage of payment period attended by the student
2. Calculate the amount of financial aid ***earned*** by the student
3. Compare amount earned and amounts disbursed/could have been disbursed to determine amount *unearned*
4. If amount earned is greater than amount disbursed, determine late/post-withdrawal disbursement amount
5. If amount earned is less than amount disbursed, determine amount of financial aid that must be returned
6. Calculate portion of funds to be returned by the institution and/or student

Both Albany State University and the student have specific responsibilities under this policy. Students who owe a repayment due to the Financial Aid Repayment/Return of Funds Policy must pay that obligation/debt before regaining eligibility for additional assistance. Students may be unable to register for future semesters or receive copies of official transcripts until the obligation/debt is satisfied.

Fraud or Suspected Fraud

There are situations where students and/or parents willfully falsify or misrepresent information for the purpose of obtaining financial aid that a student is not eligible for. As administrators of Title IV programs and funds, Albany State University is obligated to ensure processes are in place to protect against fraud by applicants or staff. The Office of Financial Aid is required to have a policy of referral when confronted with actual or suspected cases of fraud and abuse [34 CFR 668.53(a)(5), 668.14(g)].

Policy for Fraud

Individuals (students and/or parents) who willfully submit fraudulent information and/or documentation to obtain financial aid funds will be investigated to the fullest extent possible. All cases of fraud and abuse will be reported to the proper authorities.

Procedures for Fraud

If a financial aid officer suspects or determines intentional misrepresentation of facts, false statements, or alteration of documents which resulted or could result in the awarding or disbursement of funds for which the student is not eligible, the information shall be reported to the Executive Director of Student Financial Services for further review and possible referral for disciplinary action. If the Director or Compliance Officer determines or suspects fraud, all allegations will be forwarded to the Office of Inspector General of the Department of Education, and/or the local law enforcement agency(ies).

The Office of Financial Aid must identify and resolve discrepancies in the information received from different sources with respect to a student's application for Title IV aid. These items include, but are not limited to:

- Student aid applications
- Need analysis documents (e.g., Institutional Student Information Records (ISIRs) and Student Aid Reports (SARs))
- Federal income tax returns, tax transcripts or account transcripts
- Documents and information related to a student's citizenship
- School credentials (e.g., high school diploma)
- Documentation of the student's Social Security Number (SSN)
- Compliance with the Selective Service registration requirement and other factors related to students' eligibility for Title IV funds

Some forms of financial aid fraud include, but are not limited to, the following:

- Forged signatures on an application, verification documentation or master promissory notes
- Falsified documents - including reporting members that are not part of your household
- False statements of income
- False statements of marital status
- False statements of citizenship
- Use of fictitious names, addresses, SSNs
- False claims of independent status
- Knowingly filing taxes using the incorrect tax filing status
- Using family members other than biological parents as applicants on the FAFSA or for a Parent PLUS Loan

Please Note: The regulations require that the University refer the suspected case for investigation to the Office of Inspector General of the Department of Education. The University also reserves the right to deny any further financial aid if fraud is suspected.

Cases of fraud (suspected or proven) will be reported to the Office of Inspector General (OIG). Cases of tax fraud (suspected or proven) will also be reported to the Internal Revenue Service (IRS).

Academic Advising

Academic Advising supports students in their progress toward graduation. With a focus on transitioning students, success coaches are the first point of contact for students with less than 60 earned hours. The success coaches work with students to:

1. develop plans of study with clear pathways to achieve academic goals
2. facilitate connections with faculty and academic support services
3. facilitate connections with university resources including disability services/counseling, career services, and student affairs' organizations
4. provide workshops and individual and group training sessions covering a range of topics to ensure a successful academic and social transition to university life

Students will be assigned an advisor upon admission to the university. All students must meet with either their success coach, distance learning support specialist, or faculty advisor each term before registration.

Albany Campus & Dual Enrolled Students:

Students with less than 60 earned hours taking classes will be assigned an academic success coach within the Academic Advising department and will be advised and registered by their assigned academic success coach each term. Students may identify their success coach through the Banner web interface and schedule an appointment by using their ASU credentials to log into https://asurams.campus.eab.com

Students with 60 or more earned hours will be assigned a faculty advisor within their department of study. Faculty advisors will work with students to develop a plan of study and lift student advising holds to allow students to register themselves at the appropriate time each term. Students may identify their advisor through the Banner web interface and schedule an appointment by emailing the faculty member. Faculty member contact information may be located online in the ASU Directory (https://gateway.asurams.edu/phonebook/)

Distance Learning Students:

Distance Learning at Albany State University offers students an opportunity to complete courses and/or programs with minimal or no campus visits required. Distance learning offers programs at two off-site instructional locations and through fully online course and program offerings. (https://www.asurams.edu/academic-affairs/asuonline/index.php).

Students receiving instruction at one of the off-site instructional locations will be assigned an advisor specifically assigned to that location to assist with all academic processes. Students may identify their assigned advisor through the student Banner web interface and may schedule an appointment by using their ASU credentials to log into https://asurams.campus.eab.com

Students receiving instruction fully online will be assigned a distance learning support specialist who will work with the student to ensure integration into university life. In addition to advisement and registration, distance learning support specialists assist students with connecting to on-campus resources, accessing and navigating the university's learning management system, and transitioning to the online learning environment. Students may identify their assigned distance learning support specialist through the student Banner web interface and may schedule an appointment by using their ASU credentials to log into https://asurams.campus.eab.com

International Students

The International Student Program is a support program for international students. The program offers career, personal, and academic advising opportunities for campus and community involvement, and cultural enrichment activities. The International Coordinator serves as a liaison between international students, faculty, administrators, the Department of Homeland Security, and other external agencies. Students may contact the international coordinator by emailing internationaleducation@asurams.edu or by calling 229-500-2021.

Academic Advising focuses on advising freshmen and sophomore students on their core requirements and their progress toward graduation. Academic Success Coaches are dedicated to:

1. assisting students in the development of meaningful educational plans compatible with their academic, professional, and personal goals;
2. communicating directly with faculty and representatives in student services and academic support to better understand contextual and underlying issues with students;
3. working with Freshmen and Sophomore students to build strong recovery plans when their academic performance declines; and
4. providing training to faculty, staff, and students on strategies to help students excel in college.

Students with less than 60 hours are requested to contact academic advising to schedule an appointment with their success coach.

Upper class students (60 hours and above) are assigned an academic advisor within their individual academic departments and should contact the department directly to obtain information regarding their assigned advisor and the advisement process.

Financial Information

- Boarding (p. 128)
- Military Service Refund (p. 128)
- Refund Policy (p. 129)
- Room and Board Refunds (p. 129)
- Senior Citizens (p. 129)
- Tuition and Fees (p. 129)

Boarding

Albany State University requires first year students whose permanent address is outside of a 50 mile radius from Albany State University and is enrolled for twelve (12) or more semester credit hours, reside in in on campus housing and participate in a meal (board) plan. This requirement excludes summer sessions. Please note that the first year live-on requirement does not guarantee housing to first year students. If sufficient housing is not available, then remaining first year students will be automatically released from the first year requirement.

Students residing in campus housing owned, operated or managed by the University are also required to purchase a meal plan which consists of a board plan and a dining dollar plan. Students may choose the plan that best suits his/her situation from the list of plans offered that semester.

Students who do not have living accommodations on campus may purchase meals in the University dining halls and various retail establishments by purchasing a commuter meal plan, purchasing dining dollars, making deposits to his/her RamBucs account or by using cash, debit or credit card.

All dining locations are open to students, faculty, staff and the general public.

Military Service Refund

Subject to institutional policies, full refunds of tuition and mandatory fees and pro rata refunds of elective fees are hereby authorized for students who are:

1. Military reservists (including members of the National Guard) who, after having enrolled in a USG institution and paid tuition and fees, receive orders to active duty or are reassigned for temporary duty or mandatory training that prevents completion of the term; (BOR Minutes, June 2011)
2. Commissioned officers of the United States Public Health Service Commissioned Corps (PHSCC) who receive deployment orders in response to a public health crisis or national emergency after having enrolled in a USG institution and paid tuition and fees; (BOR Minutes, February 2010)
3. Active duty military personnel who, after having enrolled in a USG institution and paid fees, receive reassignment or a temporary duty assignment or a training assignment that would prevent completion of the term; (BOR Minutes, June 2011) or,
4. Otherwise unusually and detrimentally affected by the activation of members of the reserve components or the deployment of active duty personnel of the Armed Forces of the United States who demonstrate a need for exceptional equitable relief. (BOR Minutes, June 2011)

Note: Refunds are not made for a reduction in class load after the first day of classes.

Refund Policy

In accordance with BOR policy 7.3.5.1 (Students Withdrawing from an Institution), ***"The refund amount for students withdrawing from an institution shall be based on a pro rata percentage determined by dividing the number of calendar days in the semester that the student completed by the total calendar days in the semester. The total calendar days in a semester includes weekends, but excludes scheduled breaks of five (5) or more days and days that a student was on an approved leave of absence.***

The unearned portion shall be refunded up to the point in time that the amount earned equals sixty percent (60%). Students who withdraw from the institution when the calculated percentage of completion is greater than 60% are not entitled to a refund of any portion of institutional charges."

In accordance with BOR policy 7.3.5.2 (Death of a Student)**, *"A refund of all nonresident fees, matriculation fees, and other mandatory fees shall be made in the event of the death of a student at any time during the academic session (BoR Minutes, 1979-80, p. 61; 1986-87, pp. 24-25; 1995, p. 246)."***

Refunds and Disbursement of Financial Aid Award Balances

Refunds and/or financial aid in excess of the charges for a semester will be refunded via Touchnet. There are two options available for receiving refund disbursements.

1. Direct deposit into a personal checking account with an outside financial institution.
2. If student does not sign up for the card or provide banking information, Touchnet will send a check to the student.

Room and Board Refunds

Refunds for room and board will be made on a pro-rata basis. The student will be charged for each day of the semester for which he/she remains in the dormitory and the cost of used laundry services. Any student who wishes to withdraw from the dormitory must secure a Housing Release Contract Form from their respective residence hall director. The completed form and key to the dormitory room must be submitted to the residence hall director and identification card must be returned to the RamCard Office prior to the issuance of a refund.

Refunds for board plans will be made on a pro-rata basis based on the days of the semester the board plan was available for use. No board plan refunds will be issued after mid-term for full term schedules or one week after the start of short term schedules. It is the responsibility of the student to notify the Meal Plan Office that he/she is moving out of housing and request that his/her meal plan be deactivated and the cost pro-rated. The Meal Plan Office will process that request, when within University guidelines, to the Business Office for processing.

Students who wish to request an exemption from the meal plan requirement must choose a meal plan through the normal process, complete and submit the meal plan contract and Meal Plan Exemption Request Form (https://www.asurams.edu/FiscalAffairs/wp-content/uploads/auxiliary-services/mpc/Meal-Plan-Exemption-Form.pdf) through appropriate channels. Should the exemption be granted, the Meal Plan Office will process a request to the Business Office for a refund of the amount paid by the student for the meal plan.

Senior Citizens

Eligible Georgia residents 62 years of age or older may enroll for resident academic credit on a "space available" basis without payment of matriculation fees. Supply fees, laboratory fees, or activity and athletic fees are the responsibility of the student. Proof of age must be provided.

Tuition and Fees

In accordance with Board of Regents (BOR) policy for University System of Georgia institutions, tuition and fees are due and payable upon registration. Students with outstanding balances after a published payment deadline for any given term may be subject to late fee and/or the cancellation of registration. Any past due student account (i.e. balances created by withdrawal from the institution or reduction in financial aid) deemed as uncollectable (180 days) may be referred to an outside collection agency. A student, who is delinquent in his or her financial obligations to the University, or to any facet of the University community, will not be allowed to register for the next term, to transfer credits to another school, to receive academic transcripts, or to graduate from the University. In some instances the financially delinquent student may be enjoined by the appropriate University official from attending classes for which enrolled and/or from taking final examinations.

Payment must be made by cash, check, money order, credit card or a confirmed financial aid award. Registration is complete for students paying by check or credit card when the check/card clears the bank.

FEES ARE SUBJECT TO CHANGE PRIOR TO EACH SEMESTER

Tuition

Access Program

The tuition for pursuing an associate degree or certificate for 15 or more credit hours is $1,425.00. For less than 15 hours is $95.00 per credit hour.

Bachelor Program

The tuition for pursuing a bachelor's degree for 15 or more credit hours is $2,540.00. For less than 15 hours is $169.33 per credit hour.

Graduate Program

The tuition for graduate level degrees for 12 or more credit hours is $2,287.00. For less than 12 hours is $191.00 per credit hour.

Online-Only Tuition

All online students will pay a Technology fee of $65.00 and Institutional Fee of $225.00.

Access Program

The tuition for pursuing an associate degree or certificate online is $105.00 per credit hour.

Bachelor Program

The tuition for pursuing a bachelor's degree online is $177.00 per credit hour.

Graduate Program

The tuition for pursuing a graduate degree online is $300.00 per credit hour.

eCore

The tuition cost of eCore classes is $159.00 per credit hour.

eMajor

The tuition cost of eMajor classes is $199.00 per credit hour.

Non-Resident Fee

Students who attend classes on the main campus – or at an off- campus site and who are not residents of Georgia will be charged a non-resident fee tuition.

Access Program

Non-resident students pursuing an associate degree or certificate for 15 or more hours is $5,395.00. For less than 15 hours is $359.67 per credit hours.

Bachelor Program

Non-resident students pursuing a bachelor's degree registering for 15 or more credit hours will be charged a non- resident fee tuition of $9,241.00 in addition to all other fees. Those registering for less than 15 hours will pay $616.07 per credit hour.

Graduate Program

Non-resident students pursuing a graduate degree registering for 12 or more credit hours will be charged a non- resident fee tuition of $9,144.00 in addition to all other fees. Those registering for less than 12 hours will pay $762.00 per credit hour.

Mandatory Fees

Rams Card Fee

This card demonstrates an individual's right to use University facilities and attend various University events. Each student taking on campus classes will be charged a Rams card access fee of $10.00.

Athletic Fee

This fee is used to defray expenses of intercollegiate athletics. Students assessed the athletics fee have full access to sporting events throughout the regular athletic seasons. Each student taking on campus courses will be charged an Athletic Fee of $170.00.

Board of Regents Fee

The special institution fee, established in 2009 and required system-wide by the Board of Regents, supports continued academic excellence during times of reductions in State funding. Students, on campus or online, will pay $225.00 for the Board of Regents fee.

Health Fee

The health services fee covers basic health care services, prevention and self-help skills education, many over-the-counter medications, first-aid supplies, and prescription medications. Each student taking on campus courses will be charged a Health Fee of $50.00

Student Activities Fee

The student activity fee is used to fund various organizations that serve and benefit students. The funds also provide for activities, such as concerts and seasonal events. Each student taking credit courses of six (6) hours or more will be charged a Student Activities Fee of $85.00. (Prorated at 5 or less credit hours).

Student Center Facility Fee

The Student Center facility fee was implemented to cover the cost of construction and furnishing of the Student Recreation Center on ASU East and West Campuses. The fee is $280.00.

Technology Fee

The technology fee supports technology infrastructure and services related to academic and instructional needs of students. This includes the equipping of access to software, computer labs, network and internet access, and instructional. Student, on campus or online, will pay a $65.00 technology fee.

Transportation Fee

The University entered into an agreement with a third party contractor to provide, operate and manage bus service between East and West campuses. Each student taking on campus courses will be charged the transportation fee. The fee is $50.00. Contact Auxiliary Services for additional information on the bus transit service, Ram Rush.

Food Service Rates

Albany State University offers several dining options to help meet our students' busy lives. For more information on meal plans and rates, please refer to Auxiliary Services (https://www.asurams.edu/fiscal-affairs/auxiliary-services).

Residence Hall Rates

Albany State University provides students with modern housing to complement their college experience. A housing administrative fee of $50.00 will be accessed to the students account. This fee is nonrefundable. For more information on housing fees, please refer to Housing (https://www.asurams.edu/student-affairs/campus-housing).

Methods of Payment

Acceptable methods of payment are as follow:

- Web Check/Electronic Check via the Banner student account.
- Web Credit Card via the Banner student account. (MasterCard, American Express, Visa and Discover)

- Check or Money Order via US Postal Service delivered to the following address:

  Albany State University (ASU)
  Attn: Student Accounts Office
  2400 Gillionville Road
  Albany, GA 31707

- Cash, Check or Money Order in person at the following locations:
- Rams Central on West (Student Center Building C)
- International Wire Transfer via the Banner student account or via FlyWire for most countries with no service charge for international students and others.

Academic Affairs, Requirements/ Regulations & Support Services

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Academic Classification

Students at Albany State University are classified at the beginning of each term based on the following earned hours:

Year	Earned Hours
Freshman	0-29
Sophomores	30-59
Juniors	60-89
Seniors	90 & above
Special	College graduates who are not studying toward another undergraduate degree are classified as special students.

Academic Probation

A student will be placed on academic probation at the end of any semester in which the Institutional cumulative grade point average falls below 2.00. A student with 45 hours or less who is placed on academic probation must meet with an academic advisor in the Academic Advising and Retention Center. A student with 46 hours or more must meet with his/her academic advisor in his or her academic department prior to registration and is restricted to registering for no more than four (4) courses, not to exceed 13 semester-hours. In addition, a student on probation, especially those on probation for the first time will be required to develop an academic success plan with his/her advisor. A student will remain on probation until the Institutional cumulative GPA is 2.00.

A minimum of 12 hours must be completed by part-time students by the end of the first two semesters. They will be expected to complete one-half of the credit hours designated under each academic year. A student who fails to meet the minimum standards will be placed on academic probation. He may be considered making satisfactory progress if he completes at least six hours, with a minimum grade point average of 2.0 for the semester. If the student does not meet the minimum standards after the additional semester, he may be suspended for one semester.

Academic Renewal Policies and Procedures Policies

University System of Georgia undergraduate students who have been readmitted or reinstated after a period of absence of three 3 calendar years or longer are eligible for academic renewal. Academic renewal for the student signals the initiation of a new grade point average to be used for determining academic standing. This provision allows University System of Georgia degree-seeking students who earlier experienced academic difficulty (probation, continued probation, suspension, GPA below 2.00) to make a fresh start and have one final opportunity to earn an associate's or a bachelor's degree.

Former Developmental Studies students may apply for Academic Renewal only if they successfully completed all developmental Studies requirements prior to the beginning of the five-year absence.

The granting of Academic Renewal does not supersede institutional financial aid policies governing Satisfactory Academic Progress and does not supersede the admissions requirements of certain programs (e.g., teacher education) that require a specific minimum grade point average

based on all coursework. Re-entry into any academic program is not automatic.

Procedures

Students who wish to apply for Academic Renewal must submit an Application for Academic Renewal. The application may be submitted at the time of readmission, but no later than the end of three semesters of re-enrollment or one calendar year following re-enrollment, whichever comes first. The Renewal GPA begins with the semester following re-enrollment.

Academic credit for previously completed coursework – including transfer credit – will be retained only for courses in which grades of A, B, C, S or K have been earned. Courses with D or F grades must be repeated if they are required in the student's degree program. Retained grades are not calculated in the Academic Renewal GPA, but are counted in the Academic Renewal Hours Earned.

To earn a degree, a student must meet the institution's residency requirements after acquiring academic renewal status. At least 50% of work toward a degree must be completed after the granting of Academic Renewal status for a student to be eligible for honors at graduation.

Note: Please refer to the Board of Regents, Academic Affairs Handbook, Section 3.16 for additional information on Policies and Procedures.

Academic Status Policy

Albany State University seeks to maintain quality degree programs that enable all students to graduate in a timely manner and to compete successfully in their chosen discipline. To ensure this high priority goal, the University requires its students to make reasonable academic progress. Albany State University requires a minimum grade point average of 2.00 (C average) for graduation, although some majors may require a higher average. If a student is to make and maintain satisfactory progress toward graduation, he must adhere to certain standards. Three primary factors affect a student's academic status:

1. the cumulative grade point average (CGPA);
2. the number of semester hours earned;
3. and the number of semesters completed.

A student whose cumulative GPA falls below 2.00 exhibits academic deficiencies and appropriate action is required. Academic probation serves as the initial notice that the student's performance is not currently meeting the minimum grade point average required for graduation. Probation is designed to achieve three goals:

1. to make clear to all concerned the inadequacy of a student's performance;
2. to provide occasion for necessary counseling; and
3. to give students whose success is in doubt an additional opportunity to demonstrate performance.

The retention of students, who demonstrate, even with proactive academic advisement and other institutional support, a lack of ability, industry, maturity, and/or preparation, would be inconsistent with the mission and vision of Albany State University. Students with continuous unsatisfactory academic progress will be placed on academic suspension, and ultimately such unsatisfactory academic progress could lead to dismissal from the University. Suspension is imposed as a strong indication that the student being suspended should withdraw from the University, at least for a time (one or two semesters) to reassess the appropriateness of a college career, or to make necessary fundamental adjustments in attitudes, behavior, or other circumstances impeding satisfactory academic progress.

Academic Suspension

A student while on academic **probation** will be **suspended** if the Institutional cumulative GPA falls below the minimum required GPA specified in the Stages of Progress Table below. A first suspension will be for one (1) semester. A second suspension will be for one (1) year. A third suspension will be for five (3) years. **Decisions on academic suspension are final and not subject to appeal.**

Stages of Progress with Minimum GPA Required

A student's academic progress is determined by the cumulative GPA earned from the semester hours attempted at Albany State University. Transfer credits are not included in computing grade-point averages. For the purpose of assessing the student's academic progress, each student's transcript will be evaluated at the end of each Semester. Any student whose cumulative grade point average is less than 2.0 will be placed on **probation** or suspension as follows:

Semester Hours Earned	Cumulative GPA	Academic Sanction
1-30	1.50-1.99	Probation
1-30	<1.50	Suspension
31-60	1.75-1.99	Probation
31-60	<1.75	Suspension
61-90	1.90-1.99	Probation
61-90	<1.90	Suspension
>90	<1.99	Probation (with Semester GPA >= 2.0) Suspension (with Semester GPA < 2.0)

A student will be placed on academic probation if, at while the student is in good standing, the cumulative GPA falls below the minimum specified in the table above or the semester GPA falls below 2.00.

Exception

Students who are re-admitted conditionally with a GPA below 2.0 will be allowed to continue their matriculation as long as their **semester** GPA is 2.0 or higher. If the student's **semester** GPA falls below 2.0 after being re-admitted conditionally, they will be suspended again without appeal.

Academic Dismissal

For a student whose cumulative GPA falls below the minimum required GPA specified in the table above and who has previously had two academic suspensions, the third suspension will result in the student being academically dismissed from the University for a minimum period of three (3) years.

Transient Status

Students enrolled in the University as candidates for degrees should not take courses at other colleges without first obtaining written permission from departmental chairpersons and approval of the Provost and Vice-President for Academic Affairs. Graduating seniors will not be permitted to take courses at another institution as transient students during

the semester in which they are to graduate. The University reserves the right to refuse transient credit when this procedure has not been followed. In no cases will a student be permitted to take a course, through correspondence or as a transient, if he/she has failed the course or received a deficient grade while in residence at the University. A maximum of 30 credit hours on a semester system of correspondence and/or transient courses will be accepted toward the requirements for any degree.

Right of Appeal

Decisions on academic suspension are final and not subject to appeal.

Readmission After Suspension Policy

Students who previously attended ASU and have not been in attendance for a semester or more are required to file an application for readmission in the Office of Enrollment Services by the deadline dates listed on the calendar for admission. Students must re-enter the same academic department in which they were last enrolled. If a **change of major** is desired or required, the student must remain in the department of the initial major until the change of major is approved.

If readmitted after suspension, the student will be admitted provisionally, will be on academic probation, and must attain and continue to maintain the minimum required cumulative GPA. A student may be required to enroll in specific courses, limit the number of hours that can be taken and/or participate in structural academic support programs.

The student must first consult with an academic advisor or department chair, in collaboration with the Academic Advisement and Retention Center, to develop a concrete plan for academic success. A completed readmission form along with the approved academic success plan signed by the student and the advisor or Chair must be submitted to the Office of Enrollment Services by the established university deadline prior to registration for the semester in which the student plans to return.

- Provisional admission will require that the student:
  - achieve a minimum of 2.0 GPA in the semester enrolled and each semester thereafter until the minimum required Institutional Cumulative (overall) GPA of 2.0 is acquired. Failure to meet this requirement will result in an additional period of suspension.
  - completion of the academic intervention(s) prescribed in the academic success plan provided by his/her advisor and the Academic Advisement and Retention Center.
  - limit course load to a maximum of 13 hours while on probation
- The next level of suspension will result if the above conditions are not met based on hours and cumulative GPA at semester end.

Academic Transition Policy

Numerous academic majors at ASU have cumulative GPA requirements **above** the 2.0 that is required to maintain a “good academic standing” status at the University. The following policy shall apply to those students whose cumulative grade point averages are below the minimum CGPA required for admission into their chosen academic majors.

Students who have earned less than 60 semester-hours and whose cumulative GPA does not meet the minimum required by their chosen academic majors will be required to meet with their advisors to develop academic success plans which may require a change of majors. These students will:

- no longer be classified as a major in the area for which they no longer qualify
- not be able to take upper division (3000 and 4000 level) courses in the major
- no longer be able to apply for an audit

The chair will evaluate the student’s academic record to determine, among other things, if the possibility exists for the student to bring the cumulative GPA up to the minimum required. From this session the students will be given one of the following options:

- Probationary status (this classification comes with limitations on the courses students may take — No upper-level courses!). Only students with cumulative GPA’s close enough to the minimum requirement (1 or 2 tenths of a point) and who have additional core courses to take will be allowed this status.
- Requirement to change to another major. Chairs will assist the student with this process.

The purpose of this policy is to assist the student to either achieve acceptance into his or her preferred major or to help the student transfer out into a more suitable major. Students cannot be left in transition indefinitely.

Application for Degree

All students are required to apply for graduation. The graduation application signals the student's intent to graduate from Albany State University and begins the audit and commencement process for each student. An Application for Graduation and Degree Audit must be filed when the student has (30) hours or less to complete for graduation for a Baccalaureate and (15) for an Associate. The application may be secured on the ASU website. On this application students must indicate intended date of graduation and their degree program. The Office of the Registrar, in conjunction with the student's major department, will review the student’s course of study and determine if the student has or will meet the requirements to graduate by the date requested. If approved, the student will be emailed a copy of the audit and will be directed to begin graduation clearance procedures.

Any student who fails to graduate as indicated is required to complete another form.

Students who complete all requirements for a degree at the close of the summer, fall or spring semester will be given a statement, upon request, certifying requirements have been completed. Credits may be certified to the State Department of Education in order that the certificates to teach may be issued at any time during the school term. Degrees will be awarded pursuant to graduation.

Auditing Courses for Noncredit

Students may register to audit a course with the permission of the instructor. Audited courses will not be counted as a part of the normal course load, and a grade of “V” will be awarded. Instructors may establish special conditions for students who audit their courses. Students must pay for audited courses at the same rate as regular courses. Students who wish to audit a course(s) must register as auditors and are not permitted to change from audit to credit or from credit to audit after the last day for late registration. A form to audit a course and instructions for processing the form must be obtained from the Office of the Registrar prior to registration.

Career Services (Assessment)

The office of Career Services provides services for all student stakeholders that will increase their knowledge, understanding, and skill development in best practices to present themselves professionally to the employment community or to the professional settings in achieving their career aspirations. It is of utmost importance to recognize and address the uniqueness and diversity of our students and alumni through assessments to positively impact student career success through opportunities for career awareness and connections that support student potential. The Office of Career Services offers a wide range of assessments that illuminate strengths, attributes, interests, and preferences related to the professional work environment. Staff are professionally certified to offer/administer and interpret assessments that range from career interest to personality to vocational/occupational interest to interpersonal skills and include career and life coaching; tools and techniques to support development that leads to successful choices in career decisions. The services provided to the student population are accessible both in-person and on-line through the Office of Career Services.

Certification Requirements

The College awards certificates upon successful completion of certain programs. The grade point average required for a student to receive a college credit program certificate is a minimum of 2.00 for all courses presented for the certificate.

Degree Requirements

A candidate for the **Baccalaureate** degree from Albany State University must satisfy the following requirements:

1. Complete a prescribed curriculum.
2. Complete a minimum of 120 semester hours with a grade point average of 2.00 (C-average) or the departmental requirement.
3. Complete a year in residence and the last 30 semester hours must be completed at Albany State University.
4. Take an Exit Examination or major area examination.

A candidate for the **Associate** degree from Albany State University must satisfy the following requirements:

1. Complete a prescribed curriculum.
2. Complete a minimum of 60 semester hours with a grade point average of 2.00 (C-average) or the departmental requirement, plus physical education requirement.
3. Complete at least the last 25% of the total hours in the program of study at Albany State University.
4. Take an Exit Examination or major area examination.

Diploma Information

The actual diploma will not be presented at the commencement ceremony. The student will receive a diploma cover and the diploma will be available at least four weeks following the ceremony.

Following certification of completion of all requirements, students may pick up and sign for their diploma in the Office of the Registrar, or the diploma will be mailed at a time announced each semester to the address specified on the Application for Degree.

The diploma will be held for ten weeks. A student with a hold will not receive a diploma until the appropriate department removes the hold and the Office of the Registrar is notified by the department placing the hold.

Although we exert every effort to ensure that diplomas are correct, students should review the diploma carefully and advise our office immediately of any discrepancies.

There are two commencement exercises during the year, one in the fall and one in the spring.

Family Educational Rights and Privacy Act

Albany State University is in compliance with the Family Educational Rights and Privacy Act of 1974, U.S. Public Law 93-380. This Act was designated to protect the privacy of educational records and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. For more information, please visit the U.S. Department of Education website at https://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html. Or, contact the Office of the Registrar.

General Policies

Attendance Policy

Student Class Attendance - Students are expected to attend all of their scheduled classes, laboratories, or clinic sessions when reasonably possible. Some justified and unavoidable absences are expected. Absences in excess of 10% of the sessions scheduled may reduce the grade for the course. A student is expected to account for absences, preferably in advance, to the instructor of the course and, at the discretion of the instructor, to promptly make up the work missed. Albany State University has implemented a No Show/Faculty Withdrawal Policy.

The policy states the following:

1. During the two-week period immediately following the first day of class, each faculty member notifies the Office of Registrar of those students on the class roster who have never attended class or actively participated in their online course. The students will be dropped and the course will not appear on the students' permanent academic records.
2. Up until midterm or "last day to drop without academic penalty," the faculty member may withdraw any student who has ceased to attend/participate actively in a class, and the student will receive a grade of "W" on their academic record.
3. After midterm or "last day to drop without academic penalty," faculty can continue to withdraw any student who has ceased to attend/participate actively in a class; however, the student will receive a grade of "WF" on their academic record.
4. The Office of theRegistrar notifies students of faculty/withdrawal actions; the Financial Aid Office is also notified. The student is responsible for understanding a withdrawal or faculty withdrawal may result in loss of financial aid and that failing to properly withdraw from a course may result in receiving a failing grade of "F" for the course.

Online Attendance

Attendance in online classes is verified in terms of participation, time spent in a particular unit or other part of online courseware, time spent in chats and online discussion, quality and quantity of chat and online

discussion content, quality and quantity of e-mail, quality and quantity of course work, test participation, and other considerations. Distance learning courses at Albany State University are instructor-led classes, not independent study or correspondence courses. Students are expected to engage actively in the course content, participate in student-teacher and student-student communications, and complete assignments and tests according to the requirements and schedule of the course instructor.

Failure to participate, communicate, or meet course requirements within the time frame required by the instructor may reduce the grade for the course or initiate faculty-withdrawal procedures as noted in the "Student Attendance Policy." Divisions or departments may have class attendance policies of a more specific nature within this general policy statement. Each instructor shall provide detailed policies and procedures in writing to each student at the beginning of the course.

Students who miss classes while serving as jurors will not be penalized for such absences but will be required to make up classwork missed as a result of jury service.

Cheating and Plagiarism

Cheating and plagiarism are non-academic grounds for expulsion from Albany State University. No student shall give or receive any assistance not authorized by the professor in the preparation of any assignment, report, project, or examination to be submitted as a requirement for academic credit.

Online courses at Albany State University utilize plagiarism software tools such as Turnit in as a positive instructional tool and to promote academic integrity.

Commencement Exercises

A candidate for graduation must participate in commencement exercises unless the Provost grants an official excuse.

Comprehensive Examination

Successful completion of a comprehensive examination is required in all degree programs. Students must apply to take their examination one semester in advance of the semester in which the examination is to be taken.

Comprehensive examinations cover all work prescribed by the student's program of study, including transferred credits and research projects, if applicable. This examination is constructed and administered by the major department.

A student must be registered during the semester in which the comprehensive examination is taken. The comprehensive examination can be taken only once in a given semester with a maximum of three attempts permitted.

Credit Hour Definition

Albany State University bases the awarding of credit hours on section 3.4.1 of the University System of Georgia Policy Manual – often referred to as the "750 minute policy" which states: "All USG institutions shall be on the semester system (BOR Minutes, December, 1995). The academic year shall consist of two (2) regular semesters, each not to be less than fifteen (15) calendar weeks in length, excluding registration. A minimum of 750 minutes of instruction is required for each semester credit hour." ASU expands on this definition by stipulating not only the number of hours of instruction, but also by stipulating the number of hours (or equivalent) that students are required to devote to each course outside of class. By so doing, the University policy (below) explicitly aligns with both SACSCOC and federal policies on the awarding of credit hours: For each credit hour, a student is to be engaged for 50-minutes of instruction time per week (or the equivalence of 750 minutes) over the entire semester of approximately 15 weeks through time in the classroom or direct faculty instruction, or on assignments, discussions, and/or examinations, excluding the final, to meet the required learning outcomes and two hours of student work outside of class each week with course activities, as reflected in the course syllabus. The credit hour definition for courses or portions of a course designated for learning activities that involve experiences or take place outside of the classroom varies according to the course. Students in these courses are expected to perform these out-of-class activities including work-place observation, shadowing, technical training, supervised teaching, etc., for a specified period of time —number of weeks, days during the week, and hours per day. The ratio of credit hour to contact time will vary with the program involved, but are designated in the course syllabus (the hours for class and hours for lab/clinical/other). Academic credits assigned to these courses align with each program's accreditation standards and are determined by the number of out-of-class contact (work) hours the student is required to complete. The definition for a credit hour is the same for face to face or online courses.

Degree or Transcript Issuance

Transcripts of academic credits are available upon request to the Office of Academic Services and Office of the Registrar. Students with no financial obligations to the University shall be issued a degree or transcript of academic credits.

Grades

Official course grades are transmitted to students only by the Office of Academic Services and Office of the Registrar.

Good Standing

A student is considered in Good Standing with the University as long as his/her Institutional cumulative GPA is at least 2.00. A student may be in good standing with an Institutional cumulative GPA of 2.00 but may be required to have a higher GPA for progression in a major or for graduation as determined by the major department.

Grade Appeal Policy

Students may appeal grades but an appeal is only applicable for final course grades.

Any student who believes that he/she has been assigned a final grade for a course which is unfair, biased, miscalculated, or which is based upon an unwarranted deviation from the established grading procedures may appeal to his/her course faculty for assistance in the resolution of academic problems. The student should make every effort to resolve the problem(s) with the instructor(s) before the semester ends. If the grievance is unresolved at that level, the student should utilize the following chain of command:

1. Confer with the program coordinator and the academic advisor within 10 days following the meeting with the instructor(s). If unresolved, the student may appeal as necessary to the following
2. Department Chairperson within 10 days following the above meeting. If unresolved,

3. Dean of the College within 10 days following the meeting with the Chairperson. If unresolved, make an appeal to the
4. Provost for Academic Affairs or Vice President for Student Affairs (depending on the situation) within 10 days following the meeting with the Dean. If unresolved, make an appeal to the
5. President of the University within 10 days following the meeting with the Provost. If unresolved,
6. Board of Regents, University System of Georgia.

Grading System

Final grades are submitted at the end of the semester to the Office of the Registrar, and these are made a part of a student's permanent record. Copies of final grades are sent to the students, available in Banner for departmental chairpersons, and released to the parents and guardians upon approved request. The official grades with their meanings and quality points follow:

Grade	Meaning
A	EXCELLENT: Four quality points are allowed for each semester credit hour.
B	GOOD: Three quality points are allowed for each semester credit hour.
C	SATISFACTORY: Two quality points are allowed for each semester credit hour.
D	LOWEST PASSING GRADE: One quality point is allowed for each semester credit hour.
F	FAILURE: This mark indicates poor scholastic work or failure to officially withdraw from the course. In such cases, students must take the required courses at the next opportunity. Students may repeat an elective course if desired. No quality points are allowed.
FA	Unearned F - FAILURE: This mark indicates incomplete scholastic work due to non-attendance or failed to officially withdraw from the course. No quality points are allowed.
I	This symbol indicates that a student has completed the major portion of the requirements for a given course, but for reasons beyond expected control, such as illness or family emergency, could not complete the course requirements. An "I" must be removed prior to the last day of class of the next semester of enrollment (including Summer) or within twelve months, whichever comes first. The "I" may be changed by completing the incomplete work as prescribed by the instructor. A Grade of "I" which is not satisfactorily removed will be changed to the grade of "F" by the Registrar and will be computed in the grade point average. To remove an "Incomplete", the student must secure a permit from the Office of the Registrar and submit it to the instructor. The instructor will execute a Request to Remove an Incomplete form and submit it to the Office of the Vice President of Academic Affairs for approval.
IP	The "IP" symbol indicates that credit has not been given in courses that require a continuation of work beyond the semester for which the student signed up for the course. The use of this symbol is approved for dissertation and thesis hours and project courses. Students may enroll in and take courses in which the "IP" symbol is awarded for up to three successive terms. With the exception of Learning Support courses, this symbol cannot be used for other courses. If the student has not completed the course(s) after successive terms, the student must request and be granted approval to re-enroll in the course(s) by the Department Chair, Dean and Vice President for Academic Affairs. This symbol cannot be substituted for an "I" (incomplete).
W	This symbol indicates that a student was permitted to withdraw without penalty. Withdrawals without penalty will not be permitted after the midpoint of the total grading period.
WF	This symbol indicates withdrawal with penalty.

S	This symbol indicates that credit has been given for completion of the degree requirements for work other than academic course work. Use of this symbol is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, proficiency requirements in graduate programs courses. Exceptions to the use of this symbol for academic course work must be submitted to the Chancellor for approval and requested by the Vice President for Academic Affairs.
U	This symbol indicates unsatisfactory performance in a student's attempt to complete degree requirements other than academic course work. The use of this symbol is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, and proficiency requirements in graduate programs. Exceptions to the use of this symbol for academic course work must be submitted to the Chancellor for approval by the Vice President of Academic Affairs.
V	This symbol indicates that a student was given permission to audit a course. The student may not transfer from audit to credit status or vice versa during the semester.
K	This symbol indicates that a student was given credit for a course via credit by examination program and requires approval (CLEP, AP, Proficiency, etc.).
NR	This symbol indicates no grade reported by the instructor, and is designed for temporary use.

The grade point average is the ratio of quality points earned to the number of credit hours attempted. The grade point will be calculated for each student at the end of each semester and will be printed on the grade report as follows:

1. The term grade point average is the number of grade points earned for the term divided by the number of credit hours attempted for that term.
2. The cumulative grade point average is the number of all grade points earned divided by the total number of hours attempted.
3. Incomplete "I" grades are not calculated in the grade point average until the "I" is removed.

Graduation/Degree Audit

1. The graduation/degree application process is initiated by the student.
2. The completed application is to be submitted to the Office of the Registrar when a student has the following hours remaining to satisfy graduation requirements: 15 hours-Associates, 30 hours-Bachelors, 20-Masters or 16 hours-Specialist.
3. In order for the degree audit application to be valid, the student must have the required cumulative grade point average for their academic major.
4. Each student should update name and/or address with the Office of the Registrar.
5. The student will receive his degree audit check sheet via mail. Please provide us with an email address which you check regularly and update us immediately should this change. The department chairperson prepares the degree audit check sheet. If the student has any questions, contact the department chairperson as soon as possible. He/she should not wait until their expected semester of graduation to resolve any outstanding problems.
6. Students must have the required cumulative grade point average prior to the beginning of the semester in which he is scheduled to graduate.
7. Each student must attend the commencement exercise or request in writing permission to graduate in absentia from the Provost and Vice President for Academic Affairs.

Health Services

Albany State University Student Health Services provides episodic health care and health promotion services to students registered at the University. The services include assessments and treatment, follow-up and referrals. There is no overnight stay but minimum confinement for observation and referrals to physicians or local hospitals as indicated. The nursing staff provides health maintenance assistance via referral for students with chronic health conditions. Student Health Services medical staff includes a Director who is a Family Nurse Practitioner, a second Nurse Practitioner and a Consulting Physician.

A Student Health Fee is included in the registration fees and provides unlimited visits to Student Health Services while registered. Services are provided via appointment or walk-in. The health fee does not cover admission to hospitals or payment to drugstores for filling prescriptions. Any expenses incurred for treatment or care by the hospital or local physicians will be the financial responsibility of the student and his/her parents/guardians. Student medical insurance is strongly encouraged.

As part of the admissions process, Board of Regents Policy 4.8.2 (http://www.usg.edu/policymanual/section4/policy/4.8_immunizations) requires all new students wishing to enroll in a University System of Georgia college or university meet immunization requirements. A Certificate of Immunization (https://www.asurams.edu/docs/student-health-services/Certificate-of-Immunization.pdf#search=certificate%20of%20immunization) must be completed and signed by the student's health care provider and returned to Student Health Services in order to complete the admissions process. In addition to the minimum immunization requirements established by the Board of Regents, the University System of Georgia colleges and universities may have additional requirements.

By providing quality health care, Albany State University Student Health Services enables students to achieve well-being and academic success.

Honors and Awards

To be eligible for the Dean's List, a student must maintain a "B" average and must have carried a credit load of at least 12 semester hours. Academic achievement may be recognized by election to membership into Alpha Kappa Mu National Honor Society and/or one of the discipline honor societies during the junior or senior year.

Honors are based upon all academic work attempted including all courses attempted at other institutions. At least 60 hours of credits for Bachelor and 30 hours of credits for Associate used to determine honors must be earned at Albany State University. To determine eligibility for recognition of graduation with honors at the ceremony, the student's grade point average at the end of the term prior to the graduation ceremony will be used. Once all final grades are recorded and all degree requirements are complete, official honors will be included on transcripts. The Honors categories are listed below. The notation of honors is made on the commencement program, the student's permanent record and transcripts as follows:

Baccalaureate Degree

Award	Required GPA
Summa Cum Laude	3.90 – 4.00
Magna Cum Laude	3.75 – 3.89
Cum Laude	3.50 – 3.74

The Repeat Policy cannot be used in determining honors.

For exclusion information regarding Graduation with Honors' requirements, please contact the Office of the Registrar.

Internal Transfer

Internal Transfer

An internal transfer occurs when a student currently attending Albany State University (ASU) requests a change of level (associate to bachelor OR bachelor to associate) or has been accepted into a program. To complete an internal transfer the student must meet with his or her assigned advisor to initiate the process.

Internal Transfer Requirements

To initiate a request to change from an associate level to a bachelor level a student must have earned at least 30 credit hours with a minimum cumulative GPA of 2.0. The following programs require an internal application process and/or the specified minimum cumulative GPA in addition to the 30 earned hour requirement:

Program	Application?	Minimum Cumulative GPA
Nursing	Yes	2.8
Dental Hygiene	Yes	2.5
Diagnostic Medical Sonography (DMS)	Yes	2.5
Emergency Medical Services	Yes	2.5
Health Information Technology (HIT)	Yes	2.5
Histotechnician	Yes	2.5
Medical Laboratory Technician	Yes	2.5
Occupational Therapy Assistant (OTA)	Yes	2.5
Physical Therapy Assistant (PTA)	Yes	2.8
Raiologic Science	Yes	2.5
Respiratory Care	Yes	2.5
Health & Human Performance	No	2.25 (30 earned hours)
Chemistry	No	2.25 (30 earned hours)
Forensic Science	No	2.25 (30 earned hours)

Please Note: The application should be submitted two days before the start of the semester. Students must meet all of the specific requirements to move to the Bachelor level, as mentioned above.

Internal Transfer Process

To complete an internal transfer:

1. Student must meet with a professional advisor to review academic plan and discuss program changes.
2. Professional advisor initiates the Internal Transfer form.
3. Student will receive an email requesting verification of the Internal Transfer request. The student MUST reply to YES to the email in order for the Internal Transfer request to move forward.
4. Appropriate Enrollment Management offices will verify the Internal Transfer request/requirements and will either approve or disapprove of the change.
   a. Financial Aid
   b. The Office of the Registrar
5. An notification email will be sent to the student and to the student's advisor

A request for an Internal Transfer does not guarantee a program change. The University reserves the right to deny student requests based on academic standards in the student's selected major, past academic performance, and campus capacity. It is the student's responsibility to check his/her email and follow up as appropriate after the notification email has been received.

Students must understand the following: by submitting this the Internal Transfer form requesting to change my major, the student has an intention to pursue and will be responsible for meeting program requirements for the new program. In addition, the student should understand that some types of funding, such as Veterans benefits and financial aid, require enrollment in classes that are required toward the completion of the degree to receive funding. If it is determined that the student is taking classes not required toward the program, the student should understand they may be subject to removal or reduction of funding, which may cause a balance owed to the institution that I am responsible to pay. The student should confirm that they have met with my Academic Advisor and the Office of Financial Aid, if necessary, before submitting this form to discuss the impact of these changes.

Policy: Visitors in University Classrooms

Albany State University seeks to provide a wholesome learning environment that is professional and free from distraction. Therefore, the University allows only persons who are enrolled, invited or authorized to its classrooms or other services. Time spent attending to a personal visitor, especially a child, distracts from the learning environment. University classrooms are not a substitute for day care centers, and personal liability issues regarding children and other unauthorized visitors do not allow the University to permit unauthorized visitors or children in classrooms. This restriction on children and other persons does not apply to attendance at public University functions, as family members are always welcome at public activities on campus, such as graduation or nurse pinning ceremonies.

Prior Learning Assessment (PLA)

Albany State University strives to help adult learners obtain a college degree by awarding credit for prior learning, which is learning that has occurred outside of a traditional higher education setting. ASU accepts many forms of prior learning, including CLEP exams, AP credit, challenge exams, DANTES, and military credit according to the American Council on Education's recommendations. A portfolio method is also available to further promote prior learning at ASU. For more information about PLA, contact the Director of Military and Adult Education.

Procedure for Applying to Take College Level Examination Program (CLEP)

1. Obtain a request to take Credit by Examination from the Office of the Registrar or Testing Center.
2. Confer with academic advisor about the CLEP test(s) you want to take
3. Complete a request to take Credit by Examination and have it signed by advisor and departmental chairperson.
4. Take signed form to the Office of the Registrar for approval.
5. Once the request is approved, contact the Testing Center, 229-500-2921, asutesting@asurams.edu, to schedule your CLEP test.

NOTE: Allow four to six weeks after test(s) for results to be processed. You should receive an evaluation sheet indicating whether you have passed the test(s). If you have not received CLEP evaluation in 14 days after you receive your results, please contact the Office of the Registrar. Credit by Examination is available to all students who wish to validate knowledge for which they have acquired college level proficiency through independent study or other life experiences and to students who were not granted transfer credit for course work completed elsewhere. Please contact the Office of the Registrar for information regarding course credit for CLEP tests.

Credit will be awarded based on the minimum scale score recommended for passing by the American Council on Education.

Registration and Schedule Changes

Course registration offered by the University is under the direct supervision of the Provost and Vice President for Academic Affairs. Complete instructions for registration are available on the web each term. The registration process is vital to the organization and structuring of the student's program. The student is expected to participate in the process and check the courses for which they register in an attentive and responsible manner. Any student adding a course to their schedule without authorized permission from their advisor or departmental chairperson in which they are majoring may lose credit for the course added.

Dates for regular registration, late registration, and schedule changes can be obtained from the academic calendar available on the web. The web link is https://www.asurams.edu/. A late fee may be charged to late registrants. A student's enrollment status is determined by the credit load they have paid for on the last day of registration. The student is responsible for attending ALL class(es) for which they officially register.

Repeat Policy Statement

The University provides an opportunity for students to repeat courses in which "D" or "F" grades are earned. The following stipulations apply:

1. Effective for all undergraduate students enrolled Fall Quarter, 1997 or after, only the first passing grade will be used to compute the GPA.
2. The courses must be taken and repeated at ASU. When undergraduate courses taken at ASU are repeated at ASU with a higher grade, the highest grade received will be counted in the institutional GPA calculations. If a student repeats a course at ASU, but receives a lower grade, the higher grade from a previous attempt will be used in the calculation of the institutional GPA. The repeated course must have the exact same title as the original course.
3. The student's transcript and cumulative GPA will retain all course attempts and grades. The institutional GPA will be used for all purposes except for those mandated by financial aid regulations and other state and federal requirements. The ASU transcript will reflect both GPAs.
4. Transferred courses are not calculated in the institutional GPA. If a student repeats an institutional course as a transfer/transient student and receives a higher grade in the transfer/transient course, the repeated grade will be excluded from the institutional GPA.
5. Students seeking to repeat a course are encouraged to meet first with an academic advisor, department chairperson or dean to review why they have not been previously successful in the course and to assess whether they are following the appropriate course of study or major.
6. Repeat policy is not applicable once student's academic records have been graduated and only applicable toward completion of an initial bachelor's degree.
7. In applying the criteria for determination of honors and other awards, all grades will be used in the calculations.

Required Attendance Regulations: Class Attendance

Class attendance at Albany State University is compulsory. Students' grades are based on daily class participation and performance. Teachers will not administer examinations and quizzes to students who have been absent from class for reasons other than official business of the University, sickness, or emergencies such as death in immediate family,

jury duty, court summons, etc. When students are absent for emergency reasons, the number of excused absences permitted should not exceed the number of credit hours awarded for the course except for the most extreme avoidable emergencies (e.g., death of family members, jury duty, etc.). The instructor will officially certify all excused absences.

Residence Classification

Residence status is not changed automatically, and the burden of proof rests with the student to provide documentation that he or she qualifies as a legal resident under the regulations of the Board of Regents of the University System of Georgia. To insure timely completion of required processing, a student/applicant requesting a change in residence classification for a specific semester should file the "Petition for Georgia Residence Classification" and all supporting documentation not later than three weeks (20 working days) prior to registration.

Decisions prior to registration cannot be guaranteed when petitions and all supporting documentation are received after the specified deadline. If the petition is denied and the student wishes to petition for a later semester, a new Petition for Georgia Residence Classification must be submitted for that semester. A petition to be reclassified as a resident of Georgia can be obtained from the Office of the Registrar. Supporting documents and petition should be returned by June 1 for fall semester, November 1 for spring semester and April 1 for summer semester. Legal residents of Georgia, as well as certain categories of nonresidents, may be enrolled upon payment of resident fees in accordance with the following Regents' rules:

Legal Residency Requirements (Regents' Rules)

1. If a person is 18 years or older, he or she may register as a resident student only upon showing that he or she has been a legal resident of Georgia for a period of at least 12 months immediately before the date of registration
2. No emancipated minor or person 18 years of age or older shall be deemed to have gained or acquired in-state residence status for fee purposes while attending any educational institution in this state, in the absence of a clear demonstration that he or she has in fact established legal residence in this state.
3. If a person is 18 years or older, he or she may register as a resident student only upon showing that he or she has been a legal resident of Georgia for a period of at least 12 months immediately before the date of registration.
4. If a parent or legal guardian of a minor changes his or her legal residence to another state following a period of legal residence in Georgia, the minor may continue to take courses for a period of 12 consecutive months on the payment of in-state tuition. After the expiration of the 12-month period, the student may continue his or her registration only upon the payment of fees at the out of state rate.
5. In the event that a legal resident of Georgia is appointed as guardian of a nonresident minor, such minor will not be permitted to register as an in-state student until the expiration of one year from the date of court appointment and then only upon a proper showing that such appointment was not made to avoid payment of the out-of-state fees.
6. Aliens shall be classified as nonresident students; provided, however, that an alien who is living in this country under an immigration document permitting indefinite or permanent residence shall have the same privilege of qualifying for in state tuition as a citizen of the United States.
7. Waivers: An institution may waive out-of-state tuition for:
    a. nonresident students who are financially dependent upon a parent, parents or spouse who has been a legal resident of Georgia for at least twelve consecutive months immediately preceding the date of registration; provided, however, that such financial dependence shall have existed for at least twelve consecutive months immediately preceding the date of registration;
    b. international students, selected by the institutional president or his or her authorized representative, provided that the number of such waivers in effect does not exceed the designated percent of the equivalent full-time students enrolled at the institution in the fall semester immediately preceding the semester for which the out-of-state tuition is to be waived;
    c. full-time employees of the University System, their spouses and their dependent children;
    d. medical and dental residents and medical and dental interns at the Medical College of Georgia.
    e. full-time teachers in the public schools of Georgia or in the programs of the State Board of Technical College System of Georgia, and their dependent children. Teachers employed full time on military bases in Georgia shall also qualify for this waiver;
    f. career consular officers and their dependents who are citizens of the foreign nation which their consular officer represents, and who are stationed and living in Georgia under orders of their respective governments. This waiver shall apply only to those consular officers whose nations operate on the principle of educational reciprocity with the United States;
    g. military personnel and their dependents stationed in Georgia and on active duty unless such military personnel are assigned as students to system institutions for educational purposes.
    h. selected graduate students at university-level institutions.
    i. students who are legal residents of out-of-state (Alabama, Florida, and South Carolina) counties bordering on Georgia counties in which an institution of the University System is located and who are enrolled in said institution.

A student who is classified as a resident of Georgia must notify the Office of the Registrar immediately of any change in residence status. If it is determined that the student has misrepresented or omitted facts which result in classification or reclassification as a resident student, retroactive charges for non-resident fees will be made by the Fiscal Affairs officer. PLEASE NOTE: In order to avoid delay and inconvenience upon arrival for registration, prospective students should seek clarification of all questions concerning residence status at the time of admission. Questions for clarification should be addressed to:

The Office of the Registrar
Albany State University
Albany, Georgia 31705.

Out-of-State Waivers for Undergraduate Students in a First Undergraduate Degree Seeking Program

Eligible to Apply: New freshmen, transfer students, and continuing students

Please note: Some waivers are awarded for a maximum of one year, after which a student must petition for in-state residency. Out-of-state tuition

waivers without a time maximum may be renewed; however, there is no guarantee that a student will receive the waiver on a continuous basis.

All students seeking an out-of-state tuition waiver must meet the following criteria

- Must have a cumulative grade point average of 2.50 on a 4.0 scale to receive a waiver. This requirement must be satisfied each semester.
- Must not be enrolled in remedial coursework.
- Must be enrolled as a full-time student in a minimum of 12 ASU credit hours each semester.
- Must have a need and, when applying all financial aid, not be able to pay tuition and fees.
- Must continue to show progress toward degree completion in order to maintain the waiver.
- Must be a U.S. citizen or an eligible non-citizen according to federal immigration law.
- In addition, certain waivers may have additional requirements. For more information, please review the requirements on each waiver before applying.

Second Degrees

Students who want to obtain a second degree may use credits from the first degree when the courses from the first degree can be appropriately applied. A student should inform the Office of the Registrar if he/she is pursuing a second degree. Students seeking an additional degree should apply for admission and have official transcripts from each institution sent to the Director of Enrollment Services. A person who already has a degree from Albany State should complete an application for readmission and inform the Office of the Registrar of the intent to obtain the second degree.

State of Georgia Legislative Requirements

An act of the General Assembly of the State of Georgia requires that all candidates for degrees possess and demonstrate a reasonable mastery of United States history, Georgia history, United States Constitution and Georgia Constitution. These requirements can be met at Albany State University by taking and passing POLS 1101 U.S. and Georgia Government. Transfer credits from out-of-state institutions may not satisfy the requirements of the State of Georgia Act. An exemption test is offered to transfer students whose courses did not include Georgia History and Georgia Constitution. Information about the exemption test can be obtained by contacting the chairperson of the Department of History and Political Science.

Supplemental Instruction/Peer-Tutoring

The Peer Tutoring Center assists students after they have gone first to their instructor for help and have received assistance in the appropriate center or lab. It focuses on providing tutors for courses for which there are no support services, such as chemistry, history, anatomy, and accounting, and provides one-on-one tutoring from a qualified, faculty-recommended student.

Transcripts

The Office of the Registrar maintains the academic records of students and issues transcripts of credits for any student who has fulfilled all financial obligations to Albany State University. The official transcript will be issued to any institution, organization or agency if a written request is made by the student. Three to five working days should be allowed for processing of transcripts. The transcript fee is $4.50 for eScript, $6.50 for US Mail and pick-up. Transcripts from other colleges and high schools are not provided to the student. The student must contact the previous college or high school for those transcripts. All transcript requests must be made in writing. Students can receive unofficial copies of the transcript. Official transcripts with the seal of the institution must be sent directly to the institution or agency using them.

Transitional Studies and Academic Support

ESOL

The ESOL Program has much to offer students whose native language is other than English. The classes are designed to help non-native English speakers keep pace with the academic instruction of college classes in order to be successful graduates. It offers multiple levels of instruction in Listening and Speaking, Grammar and Writing, and Reading and Vocabulary. All of these classes help to prepare students and build their English skills in order for them to be successful in their college classes. The ESOL program at ASU is a University System of Georgia approved ESOL program, and successful completion of the program replaces the need for TOEFL testing at most USG institutions.

First Year Experience Course

Also called ASU 1101, this course is designed to assist first-year students in adjusting to the academic and social community at Albany State University.

1. All degree-seeking students who have less than 12 earned hours must take ASU 1101.
2. Students who have at least 12 hours of earned college credit will not be required to take FYE. This includes all previous coursework, transfer credit, AP credit, or CLEP exams.
3. While enrolled as a Dual Enrollment student, ASU 1101 is not required. However, should the student continues their studies at Albany State University after high school graduation, they may be required to fulfill ASU 1101 if they do not have 12 earned hours at the time of their status change.
4. Students enrolled in certificate programs are not required to take FYE. Should they transfer to a degree program and have less than 12 hours, they will be required to take ASU 1101.
5. Students who fail ASU 1101 will be required to retake the course in the following semester, regardless of hours earned.

Tutoring

The Transitional Studies, Advising and Academic Success Unit oversees the peer tutors for the institution. Peer tutors primarily work in a designated tutoring or learning center and conduct one-on-one or small group tutoring. Embedded tutors are assigned to a specific class and facilitate small group study sessions focused on learning course content while practicing study skills.

Writing Center and Math Center

The Transitional Studies, Advising and Academic Success Unit oversees the math and writing centers on both campuses.

The Writing Center offers individualized assistance with writing assignments for all subject areas. The Writing Center is staffed by professionals and student tutors who provide constructive feedback throughout the writing process, utilizing an active learning approach that allows students to take complete responsibility for their success. Computers, printers, Internet access, style manuals, and other writing aids are available for student usage to assist in research and the preparation of writing assignments

The Math Center offers individualized assistance in all math subjects. The Math Center is staffed by professional and student tutors who provide constrictive feedback and one-on-one tutoring in the foundations of problem solving with emphasis on the use of technology as a problem-solving tool. Computers, calculators, and mathematical reference material are available for student usage in problem solving and completion of assignments.

Distance Learning students have access to online tutorial services provided through the Distance Learning website or the learning management system.

Learning Support

Learning Support at Albany State University provides access for under-prepared students to develop or enhance their skills and knowledge in the areas of English and math. Students may be placed into Learning Support if their previous academic record, admissions test scores and/or placement scores indicate that the student is ineligible for admissions into collegiate-level courses. Learning Support courses are:

Code	Title	Semester Hours
ENGL 0999	Support for English 1101	1
MATH 0997	Support/Quantitative Reasoning	2
MATH 0999	Support for Math 1111	2

Students must take Learning Support courses required of their curriculum. Students must register for all required Learning Support courses before registering for any credit work. Students are permitted to enroll in credit courses

1. if they have completed or are enrolled in all their Learning Support courses, and
2. if the Learning Support course is not a prerequisite.

A student who accumulates thirty semester college credit hours and has not successfully completed required Learning Support courses may enroll only in Learning Support courses until requirements are successfully completed.

Learning Support Format

All Learning Support courses offer special instruction designed to correct students' basic skills deficiencies; such deficiencies are identified through placement and diagnostic testing. To exit a Learning Support area, students must satisfy the instructional requirements of the associated credit-bearing college course. For instance, students who are enrolled in learning support English will exit learning support after the student has successfully passed ENGL 1101. Mathematics and Writing Centers are open both day and night for individual assistance for students with specific problems. These centers have both directors and student assistants for tutorial services at no additional cost to the student.

The Gateway Courses Offered by the Institution

ENGL 1101 & ENGL 0999 – English Composition I & Support of English Composition I (4 Credits)

MATH 1001 & MATH 0997 – Quantitative Skills and Reasoning & Support for Quantitative Skills and Reasoning (5 Credits)

MATH 1111 & MATH 0999 – College Algebra & Support for College Algebra (5 Credits)

Descriptions of Gateway Courses

ENGL 1101 – English Composition I (3 Credits)

In this course, students will demonstrate increased proficiency in writing essays so that they can meet not only the rigorous demands of ENGL 1101, but also prepare for ENGL 1102. They will also demonstrate a clearer understanding of serious grammatical, mechanical, and syntactical errors, show marked improvement in revising, editing, and proofreading their written work and enhance improved critical thinking skills.

ENGL 0999 – Support for English Composition (1 Credit)

In this course, students will receive academic support for ENGL 1101. Students will work one-on-one and/or in small groups with academic support tutors or co-requisite instructors. Students will demonstrate increased proficiency in writing essays so that they can meet not only the rigorous demands of ENGL 1101, but also prepare for ENGL 1102.

MATH 1001 – Quantitative Reasoning (3 Credits)

This course places quantitative skills and reasoning in the context of experiences that students will likely encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined. A graphing calculator is required. MATH 1001 is a math course for non-science plans of study.

MATH 0997 – Support for Quantitative Reasoning (2 Credits)

This course provides an introduction to the algebraic concepts and techniques necessary for MATH 1001. This course will focus on additional support for MATH 1001 assignments and will serve as a continuation of the information covered in the MATH 1001 classroom. The topics covered include performing basic operations with rational and real numbers, representing mathematical relationships symbolically, set notation, evaluating expressions, plotting and graphing in the Cartesian coordinate system, using percentages, and solving linear equations. Prerequisite: None. Corequisite: MATH 1001. Offered: Every semester.

MATH 1111 – College Algebra (3 Credits)

In this course, students study topics in real numbers, linear and quadratic equations, complex numbers, various types of other functions and their graphs, including exponential and logarithmic functions, systems of linear equations and inequalities. Students will acquire knowledge and understanding of algebraic processes and apply what they have learned to higher-level courses and real-life situations. This course is taught in conjunction with Support for College Algebra, MATH 0999.

MATH 0999 – Support for College Algebra (2 Credits)

This course is a co-requisite to College Algebra MATH 1111. It includes topics on real numbers and their properties, exponents, radicals, polynomials, factoring including special products, rational expressions, and the Coordinate System. Those topics assist students in comprehending the college algebra topics of complex numbers, linear and quadratic equations, functions, systems of equations and inequalities, and all of their respected graphs. Students will effectively communicate algebraic concepts in oral and written forms, supported by the appropriate use of technology

University Testing Center

Through institutional and national testing components, the testing center addresses the needs of ASU students and the communities through the provision of various examinations, including the following:

- Faculty requested online/hybrid course exams
- Higher education admission and placement (Accuplacer, GRE, LSAT, MAT, Residual ACT, TEAS, TOEFL)
- Exams required for graduation (MFT and ACAT)
- Exams that demonstrate prior learning (CLEP, DSST)
- Professional certifications and licensing (AAB, ASE, Castle Worldwide, GACE, GACE Paraprofessional, ISO Quality, OPAC, PAN, Pearson VUE, Praxis)
- Community proctored exams

Locations:

ASU East Campus Testing Center: Billy C. Black Building, Rm 195, Phone: 229-500-2041 or 229-500-2932
ASU West Campus Testing Center: Bldg. G-101,Phone: 229-500-2921

asustesting@asurams.edu

Veteran Student Success Program

The Veteran Student Success Program Office is a comprehensive veteran support service center located on the west campus of Albany State University. The overall goal is to increase veterans and military affiliated students' persistence to graduation and gainful employment. This goal will be achieved by implementing four objectives: (1) Increase the number of ethnic minority, disabled, and/or female student veterans enrolled at Albany State University. (2) Provide a comprehensive transition program for veteran and military affiliated students. (3) Enhance the academic, personal, social, and professional development of veteran and military affiliated students. (4) Increase the successful retention, progression, and graduation of student veterans and military affiliated persons.

Withdrawal from University

Students matriculating at the University will be limited to a maximum of 16 semester hours of course withdrawal (drops) during the completion of their undergraduate degrees.

- Students who make changes to their schedules during the add/drop registration period will not be affected.
- Withdrawal hours associated with classes that are dropped due to documented extenuating circumstances will not be included in the 16 hour total.
- Students will receive a "WF" for course withdrawals identified after the 16 hour limit has been reached. There are financial and G.P.A. conditions associated with the "WF".
- "W" grades will be awarded to students who withdraw from classes after the schedule change deadline who are authorized to withdraw due to extenuating circumstances.

Students who find it necessary to withdraw from Albany State University must secure and complete withdrawal forms from the Office of the Registrar and have them signed by the Vice-President for Student Affairs, the Vice-President for Fiscal Affairs, the Director of Financial Aid. The student is responsible for submitting one copy of the properly signed form to each of the above listed offices and for retaining a copy of the form for personal records. The Office of the Registrar notifies instructors of a student's official withdrawal after the University has received a properly signed form. Students entitled to a fee refund will receive a check from the Office of Fiscal Affairs.

Withdrawal Date

Official Withdrawals

For official withdrawals, the date you withdraw from classes is the date of record for Return of Title IV Funds calculations, unless your intent to withdraw on an alternate date is documented. If you are not going to continue to attend school, you will need to complete an official withdrawal through the Office of the Registrar as soon as you decide to leave.

Unofficial Withdrawals

In the case of an unofficial withdrawal where the student did not complete the semester, and took no action to officially withdraw from the university through the Office of the Registrar; the university will determine the withdrawal date.

Federal Regulations mandate that Albany State University must calculate earned and unearned portions of financial aid if necessary and return those funds to the student or the Department of Education whether the student "Officially" withdrew or "Unofficially" withdrew from the University.

Hardship Withdrawal Policy

Hardship Withdrawal

Students may be granted hardship withdrawals when non-academic emergency situations occur which prevent them from completing their coursework. Specifically, hardship withdrawals fall into the following categories:

- Medical (e.g., physical or psychological emergencies)
- Personal (e.g., death in the family, family crisis, etc.)
- Financial (e.g., loss of sole-supporting job, head of household challenges, mandatory job changes)

Hardship withdrawals are not an alternative to drop classes after the mid-point, to remove unwanted grades, or attempt to prevent expected academic/financial aid actions (warning, probation, exclusion, etc.). The hardship withdrawal should be requested prior to the end of the semester in which the hardship occurred. Hardship withdrawals are subject to the following restrictions:

- Hardship withdrawals can only be requested after the official withdrawal/drop period (after midterms) and until the last class day

of the course. A student wanting to withdraw before mid-term must follow the regular withdrawal procedure.

- As a general rule, students are not eligible for hardship withdrawals in courses in which they have completed the course requirements (e.g., sat for the final exam or submitted the final project/paper/portfolio).
- Only in exceptional cases, fully supported by documentation, will a hardship withdrawal be permitted within a thirty (30) calendar day period after grades have been submitted. Any request for hardship withdrawal after final grades are posted must be approved by the Provost or their designee.
- Requests for hardship withdrawal generally apply to all courses taken during the semester in question. Exception may be made where documentation clearly proves how the mitigating life circumstance does not apply to all courses. For example, a student with a leg injury may be approved to withdraw from courses that require physical activity only.
- All exceptions must be approved by the Provost.

Students withdrawing from classes should be aware that a reduction in their course load may negatively impact other aspects of their academic life. Students considering withdrawals should contact these offices to discuss any potential impact:

- Student Financial Aid (229-500-4358)
- Athletic Eligibility (229-500-2863)
- Health insurance (contact your personal health care provider)
- University housing (229-500-2025)
- Use of University resources and access to University facilities (229-500-3555)
- Immigration status for International students/F-1 Visa (229-500-2354)
- Veterans Educational Benefits (229-500-2927)

Hardship Withdrawal Process

All hardship withdrawal requests are submitted electronically to the Office of the Vice President for Student Affairs. It is the responsibility of the student to initiate and follow through with all steps in the withdrawal procedure. Incomplete applications will not be considered. Students should use the following checklist to ensure their application is complete:

Checklist for Hardship Withdrawal Application:

- Application for Hardship Status
- Personal Statement of Hardship
- Official Supporting Documentation

The Vice President for Student Affairs or their designee will determine if the documentation provided warrants a hardship withdrawal based on the requirements outlined in this section. Any exceptions or special circumstances must be approved by the Provost. The student will be notified of the decision by the Office of Student Affairs. If approved, notification will also be sent to the Office of the Registrar to initiate processing.

Personal Statement of Hardship:
In addition to completing a hardship withdrawal form, the student must prepare a typed personal statement of hardship that is signed and dated by the student. The statement of hardship is a narrative, in the student's personal voice, to explain and convey the non-academic emergency to the ASU Office of the Registrar. It is essential that accurate details are given about the circumstances surrounding the hardship, including date(s) of the emergency, and an account of how the situation specifically prevented the completion of the coursework.

Hardship Withdrawal Documentation Requirements:
Official documentation must be provided that supports and is consistent with the statement of hardship.

Academic Information

- Career Services (Professional Services) (p. 144)
- Commencement (p. 144)
- Credit Hour Definition (p. 145)
- Credit Load (p. 145)
- Matriculation Time for Degree (p. 145)
- Statement of Disruptive and Obstructive Behavior (p. 145)
- The Right to Share in Policy Making (p. 145)

Career Services (Professional Services)

The overall mission of the Office of Career Services is to provide focused advisement to current students and alumni through ubiquitous resources, student-centered programming and events to increase awareness, career exploration, student engagement, and employability to positively impact student success and career progression. Career Services strives to maintain an educational environment which complements, enhances and supports the broader academic mission of Albany State University.

The staff seeks to assist students and alumni with choosing career interest and providing guidance in their full-time professional job search through three distinct areas

1. Self-Assessment: career advisement and assessment.
2. Professional Services: seminars and events to increase professional presence, on-campus recruitment, job fairs, jobs listings, professional communications in written/social media distribution of resumes, referrals, and job search readiness workshops. Services also include graduate and professional school visitations and referrals, and computer-based programs and services to increase proficiency in areas related to professional employment search.
3. Experiential Learning Opportunities: shadowing and mentoring experiences, networking opportunities with majors/degree fields, internships and action-based learning experiences.

The Office of Career Services develops on-going relationships with employers and community stakeholders, in the public and private sectors, for profit and non-profit organizations, to increase visibility of student potential allowing students and alumni to realize their career goals in their chosen disciplines.

Commencement

Commencement is a part of the academic process. Graduating in absentia, when students cannot attend, requires approval of an acceptable excuse from the Provost and Vice President for Academic Affairs. Requests to graduate in absentia should be sent to the Office for Academic Affairs.

Credit Hour Definition

Albany State University bases the awarding of credit hours on section 3.4.1 of the University System of Georgia Policy Manual – often referred to as the "750 minute policy" which states:

- "All USG institutions shall be on the semester system (BOR Minutes, December, 1995).
- The academic year shall consist of two (2) regular semesters, each not to be less than fifteen (15) calendar weeks in length, excluding registration.
- A minimum of 750 minutes of instruction is required for each semester credit hour."

The definition for a credit hour is the same for face to face or online courses.

Credit Load

The normal credit load is from 15 to 16 semester hours. Students desiring to carry more than a normal load must have the approval of their advisor, department chairperson and dean of the respective school. Permission to carry 17 or 18 hours will require a 3.0 or above cumulative grade point average. Permission to carry more than 18 hours will require a 3.0 or above cumulative average and a 3.0 semester GPA during the last semester of residence. A graduating senior can carry an overload with a 2.5 cumulative GPA one semester (only) during the last year. In special cases, students may be permitted to carry more than 20 hours per term provided permission is granted by the Vice President for Academic Affairs. No student will be allowed to carry more than 23 hours during **any one semester.**

Matriculation Time for Degree

The normal time required to complete degree requirements is two academic years for an Associate and four academic years for a Bachelor when the student carries a full load, 15 to 16 semesters, and no remedial courses. Students changing programs will be required to meet the requirements of the department to which the change is being made and must follow the course of study indicated by that department.

Statement of Disruptive and Obstructive Behavior

The Board of Regents of the University System of Georgia reaffirms the policies to support fully, freedom of expression by each member of the academic community and to preserve and protect the rights of freedom of its faculty members and students to engage in debate, discussion and peaceful and non-disruptive protest and dissent. The following statement relates specifically to the problem described below. It does not change or in any way infringe upon the Board's existing policies and practices in support of freedom of expression and action. Rather, it is considered necessary to combat the ultimate effect of irresponsible disruptive and obstructive actions by students and faculty which destroy academic freedom and the institutional structures through which the University operates.

In recent years, a new, serious problem has appeared on many college and university campuses in the nation. Some students, faculty members and others have, on occasion, engaged in demonstrations, sit-ins, and other activities that have clearly and deliberately interfered with the regular and orderly operation of the institution concerned. Typically, these actions have been the physical occupation of a building or campus area for a protracted period of time for the use of, or display of, verbal or written obscenities involving indecent or disorderly conduct.

These actions have gone beyond all heretofore recognized bounds of meetings for discussion, persuasion, or even protest, in that:

1. acquiescence to demands of the demonstrators is the condition for dispersal and
2. the reasonable and written directions of institutional officials to disperse have been ignored.

Such activities thus have become clearly recognizable as an action of force, operating outside all established channels on the campus, including that of intellectual debate and persuasion which are at the very heart of education.

The Board of Regents is deeply concerned by this problem. Under the Constitution of the State of Georgia, under all applicable court rulings and in keeping with the tradition of higher education in the United States, the Board is ultimately responsible for the orderly operation of the several institutions of the University System and the preservation of academic freedom in these institutions. The Board cannot and will not divest itself of this responsibility.

For these reasons and in order to respond directly and specifically to this problem the Board of Regents stipulates that any student, faculty member, administrator or employee, acting individually or in concert with others, who clearly obstructs or disrupts, or attempts to obstruct or disrupt any teaching, research, administrative, disciplinary, or public service activity, or any other activity authorized to be discharged or held on any campus of the University System of Georgia is considered by the Board to have committed an act of gross irresponsibility and shall be subject to disciplinary procedures, possibly resulting in dismissal or termination of employment.

The Right to Share in Policy Making

The Albany State University students have a collective right to an appropriate voice in the making of institutional policy generally affecting their social or academic affairs; however, this right is subject to the supervening responsibility of the institution to assure adequate protection for essential interests and policies of the institution. This collective right is recognized by the inclusion of student representation with full voting privileges on all standing institutional committees. To the extent that students are foreclosed from sharing in the making of particular decisions, or kinds of decisions, the institutional policy or interest deemed to require the foreclosure will be explicitly stated. Students will always share in the formulation of standards of student conduct. The status of the University as a fully accredited member of the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) requires that caution be exercised in retaining any student who falls below the accepted academic standards. Students are reviewed each year to determine their academic status. Students are notified of extended probation and suspensions.

Student Affairs and Services

Mission Statement

The Division of Student Affairs at Albany State University educates, engages, and empowers our students for leadership on campus, in the community, and the world

- Campus Life (p. 146)
- Counseling and Psychological Services (p. 147)
- Health Services (p. 147)
- Regents Center for Learning Disorders (RCLD) (p. 147)
- Student Disability Services (p. 148)

Campus Life

The purpose of the Office of Student Engagement is to enhance student learning through civic engagement and leadership opportunities. The office offers to assist in the retention of students, to foster personal development, to promote an environment in which cultural diversity is valued and respected, and to improve the overall educational experience of students. The staff is responsible for providing assistance and resources in all aspects of program planning to student organizations, as well as campus departments.

Our mission is to provide both personal and professional customer service that transcends the Albany State University community by promoting student recruitment, retention, and holistic learning through the establishment of a safe, secure and inclusive environment, where students are free to express themselves and engage in co-curricular activities that encourage student leadership, ongoing development and total wellness in order to matriculate, graduate and successfully progress into a competitive workforce that will challenge them to utilize and maximize their full potential. This is accomplished through the promotion of student governance, cultural, intellectual, social, recreational, and leadership activities outside the classroom.

The Office of Student Engagement recognizes that its mission is accomplished through the close interaction of students, faculty, and staff working together to meet the extracurricular and co-curricular needs of the students attending Albany State University.

The Office of Student Engagement offers a number of programs and services to fulfill its mission. For example, the department is responsible for Student Programming, Community Service Projects, Intramural Sports and Recreation, Greek Life, Student Leadership Development Programs, Student Clubs and Organizations, and Men Advocates for Leadership, Excellence, and Success (M.A.L.E.S.).

The Office of Student Life & Engagement is also responsible for advising the following groups:

- Student Government Association
- Student Activities Advisory Board
- Mr. & Miss Albany State University and the Royal Court
- Class Kings and Queens
- ASU Fraternities and Sororities

Events such as Coronation, Mr. & Miss ASU Showcase, and the Student Government Association Elections are just a few activities the Office of Student Engagement sponsors.

Student Government Association (SGA)

The purpose of Student Government Association at Albany State University is to serve and represent the student body; to serve and work toward the betterment of the University; to provide sound, democratic self-government; encourage cooperation among students, faculty, administration, and community; and to promote school spirit and loyalty to Albany State University. SGA is the organized advocacy outlet for ASU students to enact change, and aid in meaningful interpretation of the concept of the University community. This premier organization has been established for the betterment of the student body, the customers who buy into the business of this institution.

Specifically, SGA specializes in enacting various initiatives in order to advocate on behalf student needs, rights, and welfare. In addition, through the implementation of advanced programs, activities, and events, our goal is to maintain the Student Body's morale at a high level, valuing, involving, and encouraging every student's participation in progressive programs that will continue to augment their mental, physical, spiritual, and social selves long after their commencement.

The enhancement of the Student Body is the motivation, inspiration, and highest goal that the Student Government can aspire to achieve as the students make everything possible. At Albany State University, we are building success stories and strongly encourage you to get involved in Recruiting, Retaining, and Re-branding our university.

Student Activities Advisory Board (SAAB)

The purpose of SAAB is to enlighten the student body through the implementation of co-curricular and extracurricular activities on the campus of Albany State University. Considering that SAAB is a separate entity from SGA, this organization is able to provide direct service to students in the form of quality programming. The SAAB staff is hospitable at events and promotes school spirit and collaboration among students, faculty, staff, alumni, and the local community.

The Student Center

The Student Centers are gathering places for the campus, creating a sense of community among students, faculty, staff, alumni and friends of Albany State University.

The facility is designed to support the fulfillment of cultural, educational, developmental, and recreational desires of all students of Albany State University. The Student Center is designed to provide a clean, comfortable, holistic and safe environment for both formal and informal events, as well as quality services, for the University and the ASU community.

Various programs and activities are planned and supervised by the Office of Student Engagement to broaden the experiences of each student.

The facilities and services of the Student Center are available for full use by students. The facility includes conference and meeting rooms, ball rooms, lounges, Recreational Centers, the ASU Bookstore, Post Office, Laundry Services, Chick-fil-A, ATM, Bank Mobile Card System, and an information/customer service desk and vending machines. Offices include Student Government Association, Student Activities Advisory Board, Counseling and Disability Services, Student Recreation & Intramural and Club Sports, Greek Life, and Dean for Student Engagement.

Normal Office hours of operation are from 8:00 a.m. - 5:00 p.m. on Monday -Friday. Normal Building hours of operations are from 7:00 a.m. - 10:00 p.m. However, hours are subject to change due to student needs.

Campus Organizations

Albany State University encourages students in the development of their special interests and talents through participation in student organizations as the aims and objectives of the organizations are consistent with those of the university. The value of student organizations serves as means of providing opportunities for students to enrich their educational experiences outside of the classrooms and laboratories is recognized by the university.

The university recognizes the role which organized activities serve in enlarging the educational experiences of the members of the University community. Intellectual and personal growth takes place in student organizations which have effective leaders and effective members.

Men Advocates for Leadership, Excellence, and Success (M.A.L.E.S.)

MALES Mentors (Men Advocates for Leadership, Excellence, and Success) is a newly developed initiative on the campus of Albany State University. The goal of MALES Mentors is to develop astute male student-leaders through community and civic involvement and scholastic success encouragement. The development of this program is instrumental in addressing and bridging a two-fold subject matter that affects the majority rural, low-income communities in which Albany State University is located. Annually, we host youth summits, a leadership development conference, mentorship training, as well as Saturday academies that allows our university community to engage in strategic programming that fosters pathways from high school to college graduation.

To perpetuate the aim of Albany State University's mission, MALES Mentors will assistance male students enrolled in the program by providing services that enhance/improve participants' grade point averages while engaging them with community and service learning initiatives. These effort are vital to increase the retention rate and soft skills of members. For more information please visit us at: https://www.asurams.edu/student-affairs/student-engagement/males/

Counseling and Psychological Services

The primary function of Counseling Services is to support students in their total development by providing services and programs which optimize their intellectual, emotional, social, and academic well-being. The Counseling Center offers several options for counseling including individual, couple, family, and group therapy. Such issues addressed include academic difficulties, anxiety, depression, family and relationship issues, emotional, identity issues, physical, and/or sexual abuse, stress, substance use/abuse, and other concerns. Feedback on the delivery of services is encouraged–both on an informal basis and formally, through a periodic questionnaire.

Counseling services are available to currently enrolled students and are provided by licensed, professional counselors. All services are FREE and CONFIDENTIAL.

All records kept by the professional counseling staff in the Counseling Center shall remain CONFIDENTIAL INFORMATION and will be disclosed to a third party only with the student's written permission.

Counseling Services also sponsors the BACCHUS Network, a student organization that provides peer education related to alcohol and drug prevention. Special programs are scheduled throughout the year but particularly during Homecoming Week, National Collegiate Alcohol Awareness Week, and Safe Spring Week to promote healthy decision-making regarding alcohol and drugs.

Health Services

Albany State University Student Health Services provides episodic health care and health promotion services to students registered at the University. The services include assessments and treatment, follow-up and referrals. There is no overnight stay but minimum confinement for observation and referrals to physicians or local hospitals as indicated. The nursing staff provides health maintenance assistance via referral for students with chronic health conditions. Student Health Services medical staff includes a Director who is a Family Nurse Practitioner, a second Nurse Practitioner and a Consulting Physician.

A Student Health Fee is included in the registration fees and provides unlimited visits to Student Health Services while registered. Services are provided via appointment or walk-in. The health fee does not cover admission to hospitals or payment to drugstores for filling prescriptions. Any expenses incurred for treatment or care by the hospital or local physicians will be the financial responsibility of the student and his/her parents/guardians. Student medical insurance is strongly encouraged.

As part of the admissions process, Board of Regents Policy 4.8.2 (http://www.usg.edu/policymanual/section4/policy/4.8_immunizations) requires all new students wishing to enroll in a University System of Georgia college or university meet immunization requirements. A Certificate of Immunization (https://www.asurams.edu/docs/student-health-services/Certificate-of-Immunization.pdf) must be completed and signed by the student's health care provider and returned to Student Health Services in order to complete the admissions process. In addition to the minimum immunization requirements established by the Board of Regents, the University System of Georgia colleges and universities may have additional requirements.

By providing quality health care, Albany State University Student Health Services enables students to achieve well-being and academic success.

Regents Center for Learning Disorders (RCLD)

The Regents Center for Learning Disorders (RCLD) at Georgia Southern University is one of three centers in Georgia established by the Board of Regents to provide assessment, resource, and research related to students with learning disorders. The Center services students from GSU and twelve additional institutions in the southern areas of the state including Albany State University.

Students with a history and/or those perceived as having learning disabilities, ADHD, or psychological disabilities may be referred by the enrolling institution's disability service provider for a comprehensive assessment, feedback on appropriated academic accommodations ad recommendations for optimal educational achievement.

Disability service providers may consult with the Center regarding disability documentation and assessments performed by other professionals.

Student Disability Services

Albany State University's policy regarding students with learning and physical disabilities complies with the University System of Georgia Board of Regents policies and all related federal legislation. Currently enrolled students who have documented disabilities and want accommodations should voluntarily register with the Counseling and Student Disability Services (CSDS).

Student Disability Services Privacy and Release information

The Rehabilitation Act of 1973, Section 504, provides the foundation for equal access for students with disabilities. The Americans with Disabilities Act of 1990 furthers civil rights of persons with disabilities by mandating equal educational opportunity. These laws guide Albany State University in its commitment to primary advocate for students with disabilities who attend ASU.
The procedure for registering with Student Disability Services is outlines below.

1. Complete the Voluntary Disclosure Form, which can be obtained under forms tab below. If you would like to speak with someone prior to register for services, please contact our office at 229-903-3610.
2. Appropriate documentation is necessary to determine your eligibility for services. A written report must be submitted by a qualified provider that is current and clearly states:
    - Diagnosis with specific evidence of a disability
    - Symptoms of the disability
    - Test scores which support a cognitive or learning disability
    - Medications and any adverse side effects
    - Recommendations regarding necessary accommodations

General Documentation Guidelines

All institutions are required to have written policies and procedures for review of documentation submitted by students with disabilities. Decision-making for the provision of institutional-level accommodation is provided by Counseling and Student Disability Services (CSDS) or a designated office at an individual college or university.

Secondary education eligibility reports, Individualized Educational Plans, Summary of Progress reports, or previous provision of special education services may not be sufficient documentation for college-level accommodations.

Documentation should provide a diagnostic statement identifying the disability, describe the diagnostic criteria and methodology used to diagnose the condition, and detail the progression of the condition if its impact on the student's functioning is expected to change over time.

Documentation should provide an adequate representation of the student's current functional abilities. In most situations, documentation should be within three years of the student's application for services. Professional judgment, however, must be used in accepting older documentation of conditions that are permanent or non varying, or in requiring more recent documentation for conditions for which the functional impact may change over time. Documentation must include the names, signatures, and titles of the appropriate evaluators. Evaluators must be licensed professionals whose training and licensure status are consistent with expertise in the disability for which they provide documentation.

Student Complaint Procedures

Purpose

Albany State University is committed to treating all members of the University community fairly in regard to their personal and professional concerns. Any Albany State University student who believes they have not been treated fairly may make use of the student complaint guidelines. The primary objective of the student complaint guidelines is to ensure that concerns are promptly dealt with and resolutions reached in a fair and just manner. The Office of Student Affairs keeps electronic record of all student complaints received. Student complaints are received through an online reporting form (https://cm.maxient.com/reportingform.php?AlbanyStateUniv&layout_id=15) which is secure. These records are kept in a secure database which allows for complaints to be pulled into a spreadsheet and then reviewed individually as needed to discern any patterns in complaints received.

Institutional Complaint Process

Any Albany State University student who believes that they have not been treated fairly may make use of the student complaint process. All student complaints are referred to the Office of Student Affairs. Complaints are referred in writing either through Albany State email or through the Student Complaint Form (https://cm.maxient.com/reportingform.php?AlbanyStateUniv&layout_id=15) on the Vice President of Student Affairs (VPSA) website. The VPSA does not make decisions outside the scope of their area of authority; however, the VPSA or her designee serves as an advisor to the student through this entire process. Students are provided an opportunity to meet and discuss the student complaint process prior to the complaint moving forward. Anonymous complaints follow the same process and are documented in the same way.

The student must file a complete written statement of the alleged complaint to the Student Affairs Office electronically. The statement should include the name of the potential source and the remedy sought. Once the student has submitted the complaint and any supporting documentation:

- The VPSA or designee will send it forward to the potential source for review and response.
- If the student is not satisfied with the response from the potential source, they may request the complaint be sent forward, along with any additional information, to the next level supervisor. For example, if the potential source is a faculty member, the next level supervisor would be the department chair.
- If the issue is not resolved at this level, the complaint process will follow the chain of command of the department in question until resolution is found.
- The highest level of complaint at Albany State University is the Office of the President. Once a decision is rendered by the Office of the President, the decision is considered final at the institutional level.

Student Complaints are distributed through Albany State University email. This allows for students at any location to have their complaint distributed for review and response by the appropriate party via the same method. This also allows for documentation of information sent

forward and responses to complaints to be recorded via the official communication method for students, university email.

These guidelines are reviewed annually by the VPSA or designee and any necessary revisions are reviewed by the Office of Legal Affairs prior to implementation.

Appeals

After completing the guidelines described above, if a student feels that their situation has not been resolved at the institutional level, the student may appeal outside of the institution. Please see the information about to the Board of Regents of the University System of Georgia here (https://www.usg.edu/policymanual/section8/C2363).

Protection from Retaliation

Regardless of the decision concerning the complaint, no member of the University community may harass or retaliate against a student who has filed a complaint under the university complaint guidelines. Such actions of harassment or retaliation are explicitly forbidden by the university.

Special Programs

- Cooperative Education (p. 149)
- International Students (p. 149)
- Military and Adult Education (p. 149)
- Non-Credit Courses (p. 149)
- Off-Campus Programs (p. 150)
- Outreach Programs (p. 150)
- SDU Credit (p. 150)
- The Honors Program (p. 150)

Cooperative Education

The Cooperative Education Program is designed to complement a student's formal education with a series of paid, productive work experience in a field related to a student's career or educational goals. The cooperative segments can begin during the sophomore year and continue during the junior and senior years.

The program enables students to prepare realistically for meaningful careers by allowing them to relate classroom theory to practical application on the job. While students are engaged in productive employment, they will have the chance to observe skilled professionals at work in their fields of specialty—an opportunity which will help them decide whether their vocational aspirations show promise of long range personal satisfaction.

The Co-op Program at Albany State University is open to all students in all areas of professional interests and preparation. The requirements for admission into the Co-op Program are as follows:

1. Successful completion of thirty (30) semester hours of academic credit with a 2.5 grade point average or better out of a possible 4.0.
2. Successful completion of a series of interviews with the Director/Coordinator of Cooperative Education.

A transfer student must meet both the above requirements and must have completed at least twelve (12) semester hours of academic work at Albany State University with a 2.5 grade point average or better out of a possible 4.0.

International Students

The International Student Program is a support program for international students. The program offers career advising, personal advising, academic advising, opportunities for campus and community involvement, and cultural enrichment activities. The International Coordinator serves as a liaison between international students, faculty, administrators, the Department of Homeland Security, and other external agencies.

Military and Adult Education

The Office of Military and Adult Education serve non-traditional and military-affiliated students by promoting college completion through providing student support services that enhance and compliment the academic experience. Through multiple avenues, the Office of Military and Adult Education strives to provide a supportive and educational environment that fosters student success and achievement of higher education goals.

The Office of Military and Adult Education provides:

- individually-tailored resources and referrals for adult learners and military students, including active-duty, reservists, veterans, and family members.
- educational benefits counseling such as Veterans Affairs (VA) educational benefits and Tuition Assistance (TA) guidance.
- assistance navigating financial opportunities, including federal aid programs and other scholarships specific to adult and military populations.
- veteran students with employment opportunities through the VA Work Study Program.
- student involvement and leadership opportunities, as well as community service opportunities, though the advisement of the Military Student Organization.
- outreach efforts to increase awareness and utilization of the office.
- education to the larger Albany State University community on the experience of our military and adult students, as well as resources to support these populations.
- adult learners and military students an opportunity to attain college credit for learning that may have occurred outside of a college classroom through a range of Prior Learning Assessment (PLA) options.
- a response to student, faculty, staff and public issues in a timely and professional manner.

Non-Credit Courses

Non-credit courses are offered in the following areas:

- The Arts
- Computers
- English Language
- Foreign Languages
- Health Issues
- Professional Development
- Teleconferences
- Women's Issues

- Youth Courses
- Just Plain Fun!

Off-Campus Programs

Off-Campus Programs are coordinated by the Distance Learning Department and are governed by all policies of Academic Affairs. For the purpose of off-campus instruction, the Associate Provost and Vice-President for Academic Affairs is assisted by the Executive Director of Distance Learning who works with deans and chairpersons of academic units to assist with assessing the educational offerings at sites within the **University's service area.**

For efficiency, the University has identified off-campus instructional program sites that are dispersed throughout its geographical area. All off-campus instructional program sites or courses are offered at an off-site instructional location through face-to-face instruction or the use of streaming, webinar, or Internet technologies.

Off-campus instructional program sites are currently located at Cairo, Cordele, and Waycross. The off campus instructional sites are supported through the Distance Learning Department for admission, advising, registration, and student support services.

Distance Learning - Multiple Options

Albany State University offers a variety of distance learning options for students seeking alternatives to traditional classroom instruction. Students may pursue a variety of courses in the core curriculum and selected degree programs through online courses, streaming, or by attending one of the University's off-campus instructional sites.

Registration and admissions for distance learning classes follow the same procedures as for traditional enrollment at Albany State University. Students are expected to meet regular admissions deadlines and are eligible to apply and register online. See Albany State University's Admissions Procedures. Online courses at Albany State University are supported by the Distance Learning Department, the IT Help Desk, the University Library, the Georgia Library Catalogs, and the University Bookstore. The Distance Learning website, https://distancelearning.asurams.edu/ provides additional information for online degrees, courses, and certificate offerings, as well as information on online policies and procedures, and student support services for online students. Albany State University provides free technical support for distance learning through the IT Help Desk. Technical support may be requested by phone 229-500-4357 (local) or 1-800-861-8318 for students outside the Albany, GA calling area. Online students may receive non-technical assistance by contacting their Online Support Specialist- see https://distancelearning.asurams.edu/

Albany State University has a wide variety of degree, course, and certificate options available fully at-a-distance and many more may be completed partially online. For a complete listing of online options see https://distancelearning.asurams.edu/.

Online coursework follows Albany State University's Academic Term Calendar and admission, registration, drop/add dates, etc. are the same as ASU's on-campus classes. Online classes at ASU are multimedia enriched, instructor-led courses and are not correspondence classes. Students will have weekly assignments and deadlines and should expect to log-in to the online classroom multiple times each week.

Some online courses require proctored testing and other resources may require additional costs outside of normal tuition, fees, and textbooks. Please check https://distancelearning.asurams.edu/ - Programs and Courses, Courses, prior to registration to review these requirements.

Courses, which require proctored testing, will have specific testing information within the course. ASU's Proctored Testing Policy may be found at https://distancelearning.asurams.edu/.

Students may test at one of Albany State University's campuses or through Proctor U. Students must have a webcam, microphone, and stable Internet connection to participate in proctored testing. The student is responsible for all costs associated with proctored testing.

Off-campus computer hardware, software, and Internet access are the responsibility of the student. Power/Internet outages and software/hardware crashes are not acceptable excuses for failing to log in and participate in online coursework. Students should ensure proper access to all required components are available prior to registering for an online course. Please note while some portions of an online course may be completed using a mobile device, ASU does not recommend the sole use of a mobile device to complete online courses. For additional information regarding online learning, see https://distancelearning.asurams.edu/. Online course access is available to students on the first day of class as noted on Albany State University's Academic Calendar. Access to online coursework ends thirty days after the final day of class. Students are encouraged to download and make backup copies of all coursework prior to this time.

Outreach Programs

Outreach Programs at Albany State University provide lifelong learning and educational services to the citizens of Southwest Georgia who need nontraditional programming and systems of delivery. The various programs are classified as non-credit Category I Continuing Education Units, (CEUs) or Category II for conferences, independent study, and pre-college programs. The curricula provide sound educational programs, which give the participant general as well as specialized education. The non-credit category includes courses for career development, personal enrichment, special conferences, workshops, lectures, institutes, and consultant services for a variety of professional and community needs. Independent study may be arranged at the high school and University levels through distance learning such as satellite, and/or web based instruction. All programs are planned for citizens who have varied backgrounds, different levels of maturity and limited time to further their education.

SDU Credit

Individual "Staff Development Units" for school system employees and other educational agencies may be awarded contingent upon the PRIOR APPROVAL of the appropriate certifying agent for the respective educational agency.

The Honors Program

The Honors Program at Albany State University is designed to provide superior students with opportunities to maximize their intellectual potential and to provide them with high degrees of challenge and competition. To this end, the Honors Program offers students the opportunity to receive individualized instruction, thereby interacting with highly qualified faculty members; to enroll in small, enriched classes; to pursue areas of interest through independent projects and research; and to participate with others of similar abilities.

Admission

The Honors Program seeks to recruit academically talented students whose high school records and performance reflect an ardent desire for an in-depth and enriched educational experience. While standards to measure such an individual may be arbitrary, a freshman applicant ordinarily should

1. have an aggregate minimum SAT score of 1000, or ACT composite score of at least a 22,
2. have a high school grade point average of 3.5 or higher,
3. rank in the top 5% of his or her high school graduating class,
4. exhibit potential for leadership and academic excellence, and
5. demonstrate an ability to read with comprehension and to effectively utilize communication skills (oral and written).

Retention

A candidate's admittance to the Honors Program does not necessarily mean that the student will remain in the program. Yearly, the Honors Program Advisory and Planning Committee reviews the progress made by each student and determines whether the student should continue in the program. A student accepted in the Honors Program may exit the program under one of the following three conditions:

1. Graduation with Honors Program Merit Scholar designation: Those students who complete all college requirements for graduation, who fulfill Honors Program course requirements and who have an overall grade point average of 3.50 (effective fall semester 2016) or above will graduate with Honors Program Merit Scholar designation. Students may be awarded other graduation honors based solely on grade-point average in accordance with University policy.
2. Voluntary transfer into the regular degree program: Some students may elect not to qualify for Honors Program Merit Scholar and choose only portions of the Honors curriculum to satisfy standard graduation requirements.
3. Mandatory transfer into the regular degree program: Upon a review of a candidate's performance by the Honors Program Advisory and Planning Committee, a student may be dropped from the program if his or her grade point average falls below 3.5. A student whose grade point average falls below 3.5 will be counseled and informed that he or she will be dropped from the program if he or she fails to achieve a semester grade point average of 3.5 the following semester. A student should seek to maintain a grade point average of 3.5 or above at all times.

Core Curriculum

The University System of Georgia (USG) comprises a diverse array of colleges and universities. A common Core Curriculum for the USG was established over four decades ago to create a coherent set of general education requirements that would facilitate ease of transfer of credit across member institutions of the USG. The design of the USG Core Curriculum generally follows common practice in colleges and universities across the country for the composition of general education coursework, facilitating transfer of credit beyond the USG member institutions as well.

Within the liberal arts tradition, the general education component of a four-year undergraduate degree program is expected to provide students with broad exposure in their freshman and sophomore years to studies in the arts and sciences. The purpose of such studies is to foster the development of foundational knowledge and skills upon which deeper and more specialized studies in the student's chosen major field taken during their junior and senior year can be well-rooted and supported.

The composition and learning objectives of ASU's Core Curriculum in Areas A through E are outlined below. Note too the links at the top of this page to the three different sets of Core Curriculum requirements for students interested in pursuing majors in STEM areas (science, technology, engineering, mathematics), health professions, and other non-STEM fields of study.

- **Area A (Essential Skills): 9 semester hours**
  - **Area A1 Learning Outcome (Communication):** Students will communicate effectively by crafting documents that demonstrate adequate content development, clarity of organization, and appropriate style, usage, and documentation. (6 semester hours)
  - **Area A2 Learning Outcome (Quantitative):** Students will demonstrate the ability to express and apply mathematical information symbolically, graphically, numerically, or verbally to solve a variety of problems. (3* semester hours)
- **Area B (Institutional Options)**
  - **Area B Learning Outcome: 5 semester hours**
    - Diversity: Students will demonstrate understanding of diverse peoples, cultures, and perspectives within a global society. (2 semester hours)
    - Communication- Students will demonstrate understanding and proficiency of verbal and non-verbal communication through preparation and presentation in a variety of contexts. (3 semester hours)
- **Area C (Humanities, Fine Arts, and Ethics): 6 semester hours**
  - **Area C Learning Outcome:**Students will critically analyze forms of artistic and social expression that reflect values from a cultural or an informed personal perspective.
- **Area D (Natural Science, Mathematics, and Technology) (10-11 semester hours)**
  - **Area D Learning Outcome:**Students will demonstrate an understanding of the physical or biological perspectives of the universe using the scientific method, mathematical concepts, or logical reasoning.
- **Area E (Social Sciences): 12 semester hours**
  - **Area E Learning Outcome:** Students will analyze historical, political, social, spatial, psychological processes and how they impact the diversity of the human experience.
- **Hours Required Outside the Core: 3 semester hours**

Core Curriculum for STEM majors

Code	Title	Semester Hours
Area A1: Communication Skills		
Minimum grade of "C" required in each course		
Select 6 semester hours from the following:		6
ENGL 1101	English Composition I	
or ENGL 1101H	Honors Humanities I	
ENGL 1102	English Composition II	
or ENGL 1102H	Honors Humanities II	
Area A2: Quantitative Skills		

Students who take calculus in Area A2 will have taken 1 extra hour that may be applied in Area F or general/free electives of the degree program.

Select one of the following:		3
MATH 1001	Quantitative Reasoning	
MATH 1111	College Algebra	
MATH 1112	Trigonometry	
MATH 1113	Pre-Calculus	
MATH 1211	Calculus I	
Area B: Institutional Options		
Select one of the following:		2
COMM 1000	Cultural Diversity in Communication	
HIST 1002	Introduction to the African Diaspora	
POLS 1105	Current World Problems	
Select one of the following:		3
COMM 1100	Human Communications	
COMM 1110	Public Speaking	
Area C: Humanities/Fine Arts		
Select one of the following:		3
ENGL 2111	World Literature I	
or ENGL 211	Honors Humanities III	
ENGL 2112	World Literature II	
or ENGL 2112H	Honors Humanities IV	
ENGL 2121	Survey of British Literature I	
ENGL 2122	Survey of British Literature II	
ENGL 2131	Survey/American Literature I	
ENGL 2132	American Literature II	
ENGL 2141	African-American Literature I	
ENGL 2142	African-American Literature II	
Select one of the following:		3
ARTS 1100	Art Appreciation	
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
LATN 1001	Elementary Latin I	
LATN 1002	Elementary Latin II	
LATN 2001	Intermediate Latin I	
LATN 2002	Intermediate Latin II	
MUSC 1100	Music Appreciation	
JAPN 1001	Introduction to Japanese I	
JAPN 1002	Introduction to Japanese II	
JAPN 2001	Intermediate Japanese I	
JAPN 2002	Intermediate Japanese II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
THEA 1100	Theater Appreciation	
Area D: Science, Math & Tech		
Select one of the following:		8
BIOL 2107K & BIOL 2108K	Principles of Biology I and Principles of Biology II	
CHEM 1211K & CHEM 1212K	Principles of Chemistry I and Principles of Chemistry II	
PHYS 1111K & PHYS 1112K	Introductory Physics I and Introductory Physics II	
PHYS 2211K & PHYS 2212K	Principles of Physics I and Principles of Physics II	
Select one of the following:		3

Students who take a calculus course in Area D will have taken 1 extra hour that may be applied in Area F or general/free electives of the degree program.

CSCI 1300	Introduction to Computer Science	
MATH 1211	Calculus I	
MATH 2212	Calculus II	
MATH 2213	Calculus III	
MATH 2411	Introduction to Statistics	
Area E: Social Sciences		
POLS 1101	American Government	3
Select one of the following:		3
HIST 1111	Survey of World History I	
HIST 1112	Survey of World History II	
HIST 2111	Survey of American History I	
HIST 2112	Survey of American History II	
Select two of the following:		6
SOCI 2031	Intro to Anthropology	
ECON 2105	Principles of Macroeconomics	
GEOG 1101	Intro to Human Geography	
HIST 1111	Survey of World History I	
HIST 1112	Survey of World History II	
HIST 2111	Survey of American History I	
HIST 2112	Survey of American History II	
HIST 2113	Minorities in America	
POLS 2101	Introduction to Political Science	
PSYC 1101	General Psychology	
SOCI 1101	Introduction to Sociology	
Total Semester Hours		43

Core Curriculum for Non-STEM majors

Code	Title	Semester Hours
Area A1: Communication Skills		
Minimum grade of "C" required in each course		
Select 6 semester hours from the following:		6
ENGL 1101	English Composition I	
or ENGL 110	Honors Humanities I	
ENGL 1102	English Composition II	
or ENGL 1102H	Honors Humanities II	
Area A2: Quantitative Skills		
Select one of the following:		3
MATH 1001	Quantitative Reasoning	
MATH 1111	College Algebra	
MATH 1112	Trigonometry	
MATH 1113	Pre-Calculus	
MATH 1211	Calculus I	
Area B: Institutional Options		
Select one of the following:		2
COMM 1000	Cultural Diversity in Communication	

HIST 1002	Introduction to the African Diaspora	
POLS 1105	Current World Problems	
Select one of the following:		3
COMM 1100	Human Communications	
COMM 1110	Public Speaking	
Area C: Humanities/Fine Arts		
Select one of the following:		3
ENGL 2111	World Literature I	
or ENGL 211	Honors Humanities III	
ENGL 2112	World Literature II	
or ENGL 211	Honors Humanities IV	
ENGL 2121	Survey of British Literature I	
ENGL 2122	Survey of British Literature II	
ENGL 2131	Survey/American Literature I	
ENGL 2132	American Literature II	
ENGL 2141	African-American Literature I	
ENGL 2142	African-American Literature II	
Select one of the following:		3
ARTS 1100	Art Appreciation	
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
LATN 1001	Elementary Latin I	
LATN 1002	Elementary Latin II	
LATN 2001	Intermediate Latin I	
LATN 2002	Intermediate Latin II	
MUSC 1100	Music Appreciation	
JAPN 1001	Introduction to Japanese I	
JAPN 1002	Introduction to Japanese II	
JAPN 2001	Intermediate Japanese I	
JAPN 2002	Intermediate Japanese II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
THEA 1100	Theater Appreciation	
Area D: Science, Math & Tech		
Non-STEM majors choose one four-hour lab science course and choose two additional courses from the math/technology area.		10
Non-sequence lab science courses		
BIOL 1110K	Introduction to Environmental Biology [1]	
BIOL 1111K	Introduction to Biological Sciences [1]	
BIOL 1112K	Intro to Biological Sciences	
PHSC 1011K	Physical Science I [1]	
PHSC 1012K	Physical Science II [1]	
Sequence lab science courses (first course in each sequence is a prerequisite for the second course in the sequence)		
BIOL 2107K & BIOL 2108K	Principles of Biology I and Principles of Biology II [1]	
CHEM 1151K & CHEM 1152K	Survey of Chemistry I and Survey of Chemistry II [1]	
CHEM 1211K & CHEM 1212K	Principles of Chemistry I and Principles of Chemistry II [1]	
PHYS 1111K & PHYS 1112K	Introductory Physics I and Introductory Physics II [1]	
PHYS 2211K & PHYS 2212K	Principles of Physics I and Principles of Physics II	
Math/Technology Courses (select two courses from this list – see footnote for additional options) [2]		
CSCI 1300	Introduction to Computer Science	
MATH 1113	Pre-Calculus	
MATH 1211	Calculus I	
MATH 2212	Calculus II	
MATH 2213	Calculus III	
MATH 2411	Introduction to Statistics	
Area E: Social Sciences		
POLS 1101	American Government	3
Select one of the following:		3
HIST 1111	Survey of World History I	
HIST 1112	Survey of World History II	
HIST 2111	Survey of American History I	
HIST 2112	Survey of American History II	
Select two of the following:		6
SOCI 2031	Intro to Anthropology	
ECON 2105	Principles of Macroeconomics	
GEOG 1101	Intro to Human Geography	
HIST 1111	Survey of World History I	
HIST 1112	Survey of World History II	
HIST 2111	Survey of American History I	
HIST 2112	Survey of American History II	
HIST 2113	Minorities in America	
POLS 2101	Introduction to Political Science	
PSYC 1101	General Psychology	
SOCI 1101	Introduction to Sociology	
Total Semester Hours		42

[1] Cannot use the following combinations for completion of Area D: BIOL 1011K and BIOL 1111K; BIOL 2107K, BIOL 1110K, or BIOL 1111K; CHEM 1151K and CHEM 1211K; PHSC 1011K and PHYS 1111K or PHYS 2221K; PHSC 1012K and CHEM 1151K or CHEM 1211K.

[2] Non-STEM majors may choose to take two courses from the Math/Technology area or one course from the Math/Technology area along with an additional lab science course. Please note that for the lab science courses that are listed as sequences, the first course must be taken before taking the second course in the sequence.
Non-STEM majors who elect to take a second lab science and/or calculus course in Area D will have taken 1 or 2 extra hours that may be applied in Area F or general/free electives of the degree program.

Core Curriculum for Health Sciences

Code	Title	Semester Hours
Area A1: Communication Skills		
Minimum grade of "C" required in each course		
Select 6 semester hours from the following:		6

ENGL 1101	English Composition I	
or ENGL 1101H	Honors Humanities I	
ENGL 1102	English Composition II	
or ENGL 1102H	Honors Humanities II	
Area A2: Quantitative Skills		
Select one of the following:		3
Students who take calculus in Area A2 will have taken 1 extra hour that may be applied in Area F or general/free electives of the degree program.		
MATH 1001	Quantitative Reasoning	
MATH 1111	College Algebra	
MATH 1112	Trigonometry	
MATH 1113	Pre-Calculus	
MATH 1211	Calculus I	
Area B: Institutional Options		
Select one of the following:		2
COMM 1000	Cultural Diversity in Communication	
HIST 1002	Introduction to the African Diaspora	
POLS 1105	Current World Problems	
Select one of the following:		3
COMM 1100	Human Communications	
COMM 1110	Public Speaking	
Area C: Humanities/Fine Arts		
Select one of the following:		3
ENGL 2111	World Literature I	
or ENGL 2111H	Honors Humanities III	
ENGL 2112	World Literature II	
or ENGL 2112H	Honors Humanities IV	
ENGL 2121	Survey of British Literature I	
ENGL 2122	Survey of British Literature II	
ENGL 2131	Survey/American Literature I	
ENGL 2132	American Literature II	
ENGL 2141	African-American Literature I	
ENGL 2142	African-American Literature II	
Select one of the following:		3
ARTS 1100	Art Appreciation	
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
LATN 1001	Elementary Latin I	
LATN 1002	Elementary Latin II	
LATN 2001	Intermediate Latin I	
LATN 2002	Intermediate Latin II	
MUSC 1100	Music Appreciation	
JAPN 1001	Introduction to Japanese I	
JAPN 1002	Introduction to Japanese II	
JAPN 2001	Intermediate Japanese I	
JAPN 2002	Intermediate Japanese II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
THEA 1100	Theater Appreciation	
Area D: Science, Math & Tech		
Select one of the following lab science sequences:		8
BIOL 1111K & BIOL 1112K	Introduction to Biological Sciences and Intro to Biological Sciences	
BIOL 2107K & BIOL 2108K	Principles of Biology I and Principles of Biology II	
CHEM 1151K & CHEM 1152K	Survey of Chemistry I and Survey of Chemistry II	
CHEM 1211K & CHEM 1212K	Principles of Chemistry I and Principles of Chemistry II	
PHYS 1111K & PHYS 1112K	Introductory Physics I and Introductory Physics II	
PHYS 2221K & PHYS 2222K	Principals of Physics I and Principals of Physics II	
Select one of the following math/technology courses:		3
Students who take a calculus course in Area D will have taken 1 extra hour that may be applied in Area F or general/free electives of the degree program.		
CSCI 1300	Introduction to Computer Science	
MATH 1113	Pre-Calculus	
MATH 1211	Calculus I	
MATH 2212	Calculus II	
MATH 2213	Calculus III	
MATH 2411	Introduction to Statistics	
Area E: Social Sciences		
POLS 1101	American Government	3
Select one of the following:		3
HIST 1111	Survey of World History I	
HIST 1112	Survey of World History II	
HIST 2111	Survey of American History I	
HIST 2112	Survey of American History II	
Select two of the following:		6
SOCI 2031	Intro to Anthropology	
ECON 2105	Principles of Macroeconomics	
GEOG 1101	Intro to Human Geography	
HIST 1111	Survey of World History I	
HIST 1112	Survey of World History II	
HIST 2111	Survey of American History I	
HIST 2112	Survey of American History II	
HIST 2113	Minorities in America	
POLS 2101	Introduction to Political Science	
PSYC 1101	General Psychology	
SOCI 1101	Introduction to Sociology	
Total Semester Hours		43

Degree Programs

Bachelor's Degrees

- Accounting, Bachelor of Science (p. 265)
- Biology, Bachelor of Science (p. 163)
- Chemistry, Bachelor of Science (p. 169)

- Computer Science, Bachelor of Science (p. 202)
- Criminal Justice, Bachelor of Science (p. 247)
- Early Childhood Education, Bachelor of Science (p. 256)
- English, Bachelor of Arts (p. 181)
- Forensic Science, Bachelor of Science (p. 171)
- Health and Human Performance, Bachelor of Science (p. 273)
- Health Information Management, Bachelor of Science (p. 306)
- History, Bachelor of Arts (p. 191)
- Bachelor of Interdisciplinary Studies (p. 192)
- Management Information Systems Technology, Bachelor of Science (p. 265)
- Management, Bachelor of Science (p. 266)
- Marketing, Bachelor of Science (p. 267)
- Mass Communication, Bachelor of Arts (p. 182)
- Mathematics, Bachelor of Science (p. 207)
- Middle Grades Education, Bachelor of Science (p. 257)
- Nursing, Bachelor of Science (p. 348)
- Nursing, RN to BSN, Bachelor of Science (p. 353)
- Organizational Leadership (e-major collaborative partner), Bachelor of Science (p. 193)
- Political Science, Bachelor of Arts (p. 194)
- Psychology, Bachelor of Arts (p. 217)
- Secondary Education, Bachelor of Science (p. 257)
- Bachelor of Social Work (p. 251)
- Sociology, Bachelor of Arts (p. 218)
- Supply Chain and Logistics Management, Bachelor of Science (p. 268)
- Technology Management, Bachelor of Applied Science (p. 269)
- Visual and Performing Arts, Bachelor of Arts (p. 242)

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Career and Transfer Associate Degrees

Albany State University offers students several associate degree options. Twelve career associate of science degree programs are offered through the Health Sciences Division (p. 275), the Department of Nursing (p. 337), or the Department of Criminal Justice (p. 248). The course requirements for those career associate programs are presented under their pertinent academic department/division. Career associate degree programs devote half or more of their course requirements to a lower division major field of study and the remaining course requirements to general education, the combination of which are designed to prepare students for workforce entry into their chosen career (major) field upon graduation.

ASU also offers two transfer associate degree options for students who are preparing to "transfer into" a bachelor's degree program in a specific major field of study after completion of the associate degree. Transfer associate degree students are encouraged to consider remaining at ASU and completing their bachelor's degree here. About two-thirds (42-43 hrs) of the course content of both of ASU's transfer associate degree programs are devoted to Area A-E requirements of the Core Curriculum (general education) of a four-year bachelor's degree, and the remaining 17-18 credit hours are taken in optional Area F lower division prerequisites appropriate for a particular upper division major at the baccalaureate level. Because the primary curricular focus of these two transfer associate degree programs is on the completion of general education requirements for a bachelor's degree, they are aptly named the Associate of Arts in Core Curriculum and the Associate of Science in Core Curriculum. It should be noted that the Area F options cited in the listings of course requirements for these transfer associate programs are not considered to be "majors." Those program components are not sufficient to justify separate transfer associate degree programs but are merely recommended lower division course options for preparing to pursue a particular baccalaureate major in the last two years of a four-year degree. The requirements for completing the two transfer associate degree programs are presented below rather than in a particular department because many different academic departments contribute courses for the completion of the Core Curriculum.

NOTE: All Area F courses must be completed with a grade of C or better.

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Career Associate Degrees

- Dental Hygiene (p. 292)
- Diagnostic Medical Sonography (p. 296)
- Emergency Medical Services (p. 300)
- Health Information Technology (p. 307)
- Histologic Technician (p. 313)
- Medical Laboratory Technology (p. 318)
- Nursing (p. 341)
- Occupational Therapy Assistant (p. 321)
- Physical Therapist Assistant (p. 327)
- Radiologic Science (p. 331)
- Respiratory Therapy (p. 335)

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Associate of Arts in Core Curriculum

In order to earn the transfer Associate of Arts degree in Core Curriculum, students must complete areas A-E of the ASU Core Curriculum for non-STEM majors (p. 152) and one of the options for satisfying Area F listed in the degree requirements below.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Select one of the following options for satisfying Area F		18
Select this option for further study in Art		
MUSC 1007	Concert and Recitals Attendance	
ARTS 1001	Design I-Fundamentals of Design	
ARTS 1031	Drawing I-Basic Drawing	
ARTS 2002	Design II-Fundamentals of Design	
ARTS 2032	Drawing II-Intermediate Drawing	
ARTS 2280	Art History Survey 1	
ARTS 2285	Art History Survey II	
Select this option for further study in Dance		
DANC 1000	Dance Performance	
DANC 2400	Dance Production	
DANC 1600	Dance Improvisation	
DANC 1740	Modern Dance I	
DANC 2750	Modern Dance II	
DANC 1760	Modern Dance III	
DANC 1840	Ballet Technique I	

DANC 1850	Ballet Technique II
DANC 1860	Ballet Technique III
DANC 1900	Dance Composition
DANC 2100	World Dance History
Select this option for further study in English	
Required courses for English option	
ENGL 2112	World Literature II
ENGL 2298	Survey of English Literature I
ENGL 2299	Survey of English Literature II
ENGL 2406	Literary Forms
Select one of the following course sequences	
FREN 2001 & FREN 2002	Intermediate French I and Intermediate French II
SPAN 2001 & SPAN 2002	Intermediate Spanish I and Intermediate Spanish II
GRMN 2001 & GRMN 2002	Intermediate German I and Intermediate German II
Select this option for further study in History	
HIST 2111	Survey of American History I
POLS 2102	Introduction to Law
SSCI 2402	Microcomputers in Social Science
HIST 2112	Survey of American History II
2000 Level	Social Science
2000 Level	Foreign Language
Select this option for further study in Music	
MUSC 1007	Concert and Recitals Attendance
ARTS 1102	Introduction to Visual and Performing Arts
MUSC 1001	Class Piano I
MUSC 1002	Class Piano II
MUSC 1004	Functional Piano Class
MUSC 1005	Functional Piano Class
MUSC 1**1	Freshman Applied Lesson
MUSC 1**2	Freshman Applied Lesson
MUSC 1021	Elementary Harmony and Musicianship
MUSC 1133	Introduction to Music Literature
MUSC 1022	Elementary Harmony and Musicianship
MUSC 2**1	Sophomore Applied Lesson
MUSC 2**2	Sophomore Applied Lesson
Select this option for further study in Music Education	
MUSC 1007	Concert and Recitals Attendance
ARTS 1102	Introduction to Visual and Performing Arts
MUSC 1001	Class Piano I
MUSC 1002	Class Piano II
MUSC 1004	Functional Piano Class
MUSC 1005	Functional Piano Class
MUSC 1**1	Freshman Applied Lesson
MUSC 1**2	Freshman Applied Lesson
MUSC 1021	Elementary Harmony and Musicianship
MUSC 1123	Introduction to World Music
MUSC 1022	Elementary Harmony and Musicianship
MUSC 2010	Introduction to Music Education
MUSC 2**1	Sophomore Applied Lesson
MUSC 2**2	Sophomore Applied Lesson
Select this option for further study in Political Science	
ECON 2106	Principles of Microeconomics
POLS 2101	Introduction to Political Science
POLS 2102	Introduction to Law
SSCI 2402	Microcomputers in Social Science
2000 Level	Social Science
2000 Level	Foreign Language
Select this option for further study in Psychology	
Required courses	
PSYC 1101	General Psychology
PSYC 2270	Psychology of Ethics
Select 4 courses from the following	
SOCI 1160	Introduction to Social Problems
ECON 2201	Survey of Economics
SSCI 2402	Microcomputers in Social Science
MDLG	Foreign Language (Option)
PSYC 2295	Psychology of Adjustment
CRJU 1100	Introduction to Criminal Justice
Select this option for further study in Sociology	
Required courses	
SOCI 1101	Introduction to Sociology
SOCI 1160	Introduction to Social Problems
SOCI 2031	Intro to Anthropology
SOCI 2291	The Sociology of Gender Roles
Select 2 courses from the following	
SSCI 2402	Microcomputers in Social Science
ECON 2201	Survey of Economics
POLS 2101	Introduction to Political Science
POLS 2102	Introduction to Law
MDLG	Foreign Language (Option)
Select this option for further study in Theater	
MUSC 1007	Concert and Recitals Attendance
THEA 1100	Theater Appreciation
ARTS 1102	Introduction to Visual and Performing Arts
THEA 1110	Stagecraft
THEA 2020	Voice and Diction
THEA 2030	Oral Interpretation
THEA 2900	Production and Performance
THEA 2901	Production and Performance
THEA 2041	Acting I Laboratory
First-Year and Wellness Course Requirements Outside the Core	
ASU 1101	First Year Experience: Pathways to Success 1
HEDP, WELL	Health & Wellness Requirement [1] 2
Total Semester Hours	63

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

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Associate of Science in Core Curriculum

In order to earn the transfer Associate of Science degree in Core Curriculum, students must complete areas A-E of the ASU Core Curriculum for STEM majors (p. 151) and one of the options for completing Area F listed in the degree requirements below.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (See footnotes for specific requirements for Areas A2 and D dependent upon the Area F option selected) (p. 151)		43
Select one of the following options for satisfying Area F		18
Select this option for further study in Biological Science [7]		
BIOL 2107K	Principles of Biology I	
BIOL 2108K	Principles of Biology II	
PHYS 1111K	Introductory Physics I	
PHYS 1112K	Introductory Physics II	
BIOL 1801	Science Career Exploration	
Select this option for further study in Business Fields [8]		
ACCT 2101	Accounting Principles I	
ACCT 2102	Accounting Principles II	
MIST 2010	Fundamentals of Computer Applications	
ECON 2105	Principles of Macroeconomics	
ECON 2106	Principles of Microeconomics	
BUSA 1105	Introduction to Business [9]	
or MIST 2040	Communication for Management	
Select this option for further study in Chemistry [10]		
CHEM 1211K	Principles of Chemistry I	
CHEM 1212K	Principles of Chemistry II	
CHEM 2301K	Organic Chemistry I	
CHEM 2302K	Organic Chemistry II	
CHEM 2310	Scientific Mathematics	
Select this option for further study in Computer Science [11]		
CSCI 1201	Introduction to Computer Science	
CSCI 1301	Computer Science I	
CSCI 1302	Computer Science II	
MATH 1211	Calculus I	
MATH 2411	Introduction to Statistics	
Select this option for further study in Criminal Justice		
Required courses		
CRJU 1100	Introduction to Criminal Justice	
CRJU 2200	Intro to Law Enforcement	
CRJU 2210	Intro. to Criminal Law & Procedure	
CRJU 2400	Report Writing & Research Skills	
CRJU 2800	American Correctional Systems	
Select one of the following		
SOCI 1160	Introduction to Social Problems	
ECON 2201	Survey of Economics	
POLS 2101	Introduction to Political Science	
BUSA 2101	Survey of Computer Applications	
SSCI 2402	Microcomputers in Social Science	
Any foreign language course		
Select this option for further study in Education [4]		
Required courses		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1, 6]	
EDUC 2120	Exploring Socio-Cult Perspective [2, 6]	
EDUC 2130	Exploring Teaching and Learning [3, 6]	
9 Additional Credit Hours Selected from one of the following areas		
AA Students interested in pursuing career/academics in Early Childhood must take these courses		
ISCI 2001	Life/Earth Science [6]	
ISCI 2002	Physical Science [6]	
MATH 2008	Foundation Of Numbers And Oper [6]	
AA Students interested in pursuing career/academics in Middle Grades must select 9 hours from these courses		
MATH 2411	Introduction to Statistics [5]	
MATH 2008	Foundation Of Numbers And Oper	
ENGL 2406	Literary Forms	
ENGL 2204	Advanced Composition [6]	
HIST 2111	Survey of American History I [5, 6]	
HIST 2112	Survey of American History II [5]	
HIST 2116	American Military History	
AA Students interested in pursuing career/academics in Physical Education must take these three courses		
BIOL 2411K	Human Anatomy and Physiology I	
BIOL 2412K	Human Anatomy and Physiology II [6]	
WELL 1007	Aquatics I [6]	
Select this option for further study in Engineering [12]		
Required course		
MATH 2212	Calculus II	
Select one of the following lab science courses		
BIOL 2107K	Principles of Biology I	
CHEM 1212K	Principles of Chemistry II	
Select 3 of the following courses		
ENGR 1103	Principles of Engineering Analysis and Design	
ENGR 1200	Engineering Computing	
ENGR 1203	Engineering Graphics	
ENGR 2201	Engineering Statics	
ENGR 2413	Electric Circuit Analysis	
Select this option for further study in Health Sciences [13]		
ALHE 1120	Medical Terminology	
BIOL 2411K	Human Anatomy and Physiology I	
BIOL 2412K	Human Anatomy and Physiology II	
Select 8 additional semester hours (see footnote for details) [14]		
Select this option for further study in Mathematics [15]		
MATH 1211	Calculus I	
MATH 2212	Calculus II	
MATH 2213	Calculus III	
MATH 2411	Introduction to Statistics	
MATH 2111	Linear Algebra	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [16]	2
Total Semester Hours		64

[1] Prerequisite is ENGL 1101

[2] Prerequisite is EDUC 2110

[3] Prerequisite is EDUC 2120

[4] Courses in this Area MUST be approved by the student's assigned academic advisor to ensure they meet the needs of the student's academic and career goals.

[5] Courses cannot be used to satisfy multiple areas of the check sheet.

[6] Required for one or more pathways to BS Teacher Education programs.

[7] Students who select Biological Science as their Area F option are required to complete MATH 1113 Pre-Calculus in Area A2.

[8] Students who select Business Fields as their Area F option are required to complete MATH 1111 College Algebra in Area A2 and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

[9] Take both if ECON 2105 is taken in Area E

[10] Students who select Chemistry as their Area F option are required to complete MATH 1113 Pre-Calculus or MATH 1211 Calculus I in Area A2. For students who take MATH 1211 the extra credit hour will be applied to elective hours in the degree program.

[11] Students who select Computer Science as their Area F option are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[12] Students who select Engineering as their Area F option are required to complete MATH 1113 Pre-Calculus or MATH 1211 Calculus I in Area A2. If MATH 1113 is taken in Area A2, MATH 1211 must be taken in Area D. The extra credit hour earned from MATH 1211 will be counted in the total for Area F.
Students in this area should see an advisor in the Department of Chemistry and Forensic Science for more details about the curriculum and transferring out to another institution for completion of the bachelors degree in engineering.

[13] Students who select Health Science as their Area F option can select from the following lab science sequences, in addition to the options listed in the Core Curriculum for STEM majors: BIOL 1111K & BIOL 1112K or CHEM 1151K & CHEM 1152K.

[14] Students who select Health Sciences as their Area F option must complete an Anatomy & Physiology requirement

- The A&P series BIOL 2411K & BIOL 2412K should be advised for ALL health career students.
- Some programs will accept BIOL 1100K for the A&P requirement; however, it is not recommended for anyone that intends to transfer outside of ASU as BIOL 1100K will not transfer to another institution.
- BIOL 1100K cannot be used in Area F for the Associate of Science and the credits will be lost unless the student completes an actual career program where BIOL 1100K is acceptable such as Dental Hygiene, Diagnostic Medical Sonography, Emergency Medical Services, Radiologic Science, and Respiratory Care.

An additional 8 credit hours must be taken to complete Area F

- Any course option listed under Area B-E (except for HLTH classes) may be used to satisfy Area F but cannot be used twice for the degree.
- Any ALHE, ACCT, and BUSA course may also be applied to Area F

[15] Students who select Mathematics as their Area F option are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[16] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

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Minors

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College of Arts and Sciences

The College of Arts and Sciences mission is to produce graduates who are critical thinkers, problem solvers, communicators, and contributors to the well-being of the community though competence in their areas of study. The College of Arts and Sciences houses undergraduate programs in the departments linked below. Please click a link to find more information about a specific department. On each department page, the list of degrees, certificates, and minors available in that department can be viewed by selecting the Programs tab, while the list of courses for

each department will be found by selecting the Courses tab. You will also find links to all Bachelor's Degrees, Associate Degrees, Certificate, and Minor options offered within the College of Arts and Sciences.

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Associate of Science or Arts in Core Curriculum

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Department of Biological Sciences

The Department of Biological Sciences offers the Associate of Science in Core Curriculum with pathway plan of study for the BS in Biological Science as well as the Bachelors of Science degree in biology with various foci. The department, in collaboration with the College of Education, also offers a degree in Science Education with a broad based emphasis in biology.

Programs in the Department of Biological Sciences

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BIOL 1011K. Introduction to Biology. (4 Credits)
An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components.

BIOL 1100K. Human Anatomy and Physiology for the Health Care Professional. (4 Credits)
This course is a survey of general principles of human anatomy and physiology with an emphasis on medical applications. It is restricted to students in Health Science programs or requires the consent of the division Dean. Laboratory exercises supplement the instructional material. Course Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation of higher. Offered: Fall, Spring, Summer.

BIOL 1110K. Introduction to Environmental Biology. (4 Credits)
An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components.

BIOL 1111K. Introduction to Biological Sciences. (4 Credits)
A course designed for non-science majors that emphasizes fundamental concepts of the cell (i.e., cell structure and function, mitosis and metabolism), and plant anatomy and physiology through the use of lectures, audio visual aids, selected laboratory experiments, and demonstrations. Offered: Fall, Spring, Summer.

BIOL 1112K. Intro to Biological Sciences. (4 Credits)
A course designed for non-science majors that emphasizes human anatomy and physiology, classical and molecular genetics, evolution, ecology, and surveys the plant and animal kingdoms through lectures, audio-visual aids, selected laboratory experiments, and demonstrations. Offered: Fall, Spring, Summer.

BIOL 1114K. Survey of Biotechnology. (4 Credits)
This course studies the basic concepts, applications and impact of manipulative DNA technology on plants, animals and man.

BIOL 1115K. Introduction to Environmental Biology. (3 Credits)
This course studies the basic concepts and impact of the inte related complexities of the enviroment on man, plants, animals and society.

BIOL 1135. Life Science for Teachers Grades 3-5 In-Service. (3 Credits)
The course addresses fundamentals of Life Science for teachers, grades 3-5. This course covers basic principles and teacher misconceptions from the fields of Cells, Organisms, Genetics, Ecology, Evolution and the Characteristics of Science. The course content is aligned to the Georgia Performance Standards for grades 3-5. Restricted to DCSS in-service teachers grades 3-5 only. Prerequisite: None. Corequisite: None. Offered: On demand.

BIOL 1801. Science Career Exploration. (1 Credit)
This course is designed to introduce students (majors and nonmajors) to the diverse career opportunities in the biological, biomedical, chemical and related sciences. Course Pre-requiste: None Offered: Fall, Spring.

BIOL 2000K. Foundations of Research 1. (1 Credit)
This course is the introductory course of the research track designed for biology majors to gain competence as biomedical scientists. The goal of this course is to introduce students to the various types of research literature (primary, secondary, articles for the puclic, etc.) for developing competence in the use of literature sources. Course Pre- requisite: None Offered: Fall.

BIOL 2001. Introduction to Research. (2 Credits)
This course is designed specifically to teach students pursuing degrees in health professions the basic principles of performing a sceintific research project. Each student will identify a problem, perform aa literature search, design and perform an experiment, analyze data and present the results. Course Pre=requisite: BIOL 1111k, CHEM 1212K, PHYS 1112K or consent of Division Dean. Offered: Fall, Spring, Summer.

BIOL 2001K. Introduction to Research. (2 Credits)
This 3 contact hour (2 credit hour) course is designed to teach science majors the basic principles of performing a scientific research project. Each student will identify a problem, perform a literature search, design and perform an experiment, analyze data, and present the results. Prerequisites: BIOL 2108K, CHEM 1212K, PHYS 1112K, or consent of the Division Dean. Offered: Spring.

BIOL 2004. Anatomy/Phy Mid Grades. (3 Credits)
This course will provide a survey of the general principles of human anatomy and physiology. This course does not satisfy any core curriculum requirement. Restricted to Middle Grades Teachers. Offered: On demand.

BIOL 2107K. Principles of Biology I. (4 Credits)
This is an integrated conceptual course which includes all levels of biological organization with the principles or origin, development, genetics, diversity, behavior and energetics. Laboratory exercises supplement the lecture material.

BIOL 2108K. Principles of Biology II. (4 Credits)
Biology II is the second part of the two course sequence required for students majoring in Biology. The two course sequence is designed to give students a broad foundation in the biological sciences that will enable them to pursue advanced courses in the biology curriculum. The continuity and diversity of life, evolution and activities of plant and animal life and tis environment will be discussed. Emphasis will be placed on the following topics: classical and molecular genetics, organic evolution, plant and animal reproduction, human anatomy and physiology, ecology and environment. Laboratory exercises will supplement the lecture material. Course Pre-requisite: BIOL 2107K or permission of instructor Offered: Fall, Spring, Summer.

BIOL 2211K. Introduction to Microbiology. (4 Credits)
This is a general course in microbiology designed for Nursing majors or non-biology majors which discusses the fundamental principles of the different types of microorganisms associated with organismal pathology, genetics, immunity, and disease control included. Select laboratory exercises will provide the basic skills and tools necessary in staining, culturing and the identification of differenct types of microorganisms associated with disease. Course Pre-requisite: BIOL 1100K and CHEM 1151K or BIOL 1111K or BIOL 2107K or BIOL 2411K (for non-science majors) Offered: Fall, Spring, Summer .

BIOL 2240. Foundation of Research II. (2 Credits)
This is the second course for the research track to build student confidence in formulating hypotheses and designing experiments. This course also includes an introduction to the ethical issues that arise in research. Through case studies and review of literature, the course will present hypothesis-driven research from diverse areas related to biomedical science. Course Pre-requisite: BIOL 2000 or permission of the instructor Offered: Spring.

BIOL 2250. Responsible Conduct of Research. (2 Credits)
This course is designed to provide an introduction to the basic concepts required for the responsible and ethical conduct of students engaged in undergraduate research. Topics will include lab safety, conflict of interest, data management, data sharing, authorship, animal welfare and policies involving use of human and animal subjects. Course Pre-requisites: BIOL 2107K or permission of instructor Offered: Spring .

BIOL 2311L. General Botany I Lab. (1 Credit)
Laboratory exercises will emphasize plant structure and function, plant metabolism, reproduction and heredity and plant diversity. Perquisites: Biology 2112 Co-requisite: Biology 2311.

BIOL 2320K. Laboratory Research Techniques. (3 Credits)
This course provides students with hands-on training in cutting-edge techniques, technologies, and equipment that are essential for conducting general and biomedical research. It contains four modules: Basic Lab Skills, DNA, Protein Techniques and Instrumental Methods in Chemistry. Students learn experimental techniques including reagent preparation, pipetting, DNA isolation, protein purification, Agarose Gel Electrophoresis, SDS Gel Electrophoresis, Conventional PCR, cell culture, Western blot, ELISA, chromatography (GC-MS) and spectroscopy (FT-IR, NMR, UV-Vis). Course Pre-requisite: BIOL 2107K or CHEM 2112K Offered: Summer .

BIOL 2330. Principles of Epidemiology. (3 Credits)
This course is the first of two courses offered for students pursuing the track in public health. Principles of Epidemiology provides an overview of epidemiology methods used in research studies that address disease patterns in community and clinic-based populations. Topics covered include distribution and determinants of health-related states or events in specific populations and application to control of health problems. Course Pre-requisite: BIOL 2107K or permission of instructor.

BIOL 2411K. Human Anatomy and Physiology I. (4 Credits)
BIOL 2411K is designed as an introductory course in human anatomy and physiology. Discussions include fundamental concepts related to the gross and microscopic structure and functional relationships of the integument, bones, muscles, nerves and endocrine organs. Laboratory exercises supplement the lecture material. Course Pre-requiste: Completion or exemption of all learning support requirements. Offered: Fall, Spring, Summer.

BIOL 2412K. Human Anatomy and Physiology II. (4 Credits)
This course is a continuation of human anatomy and physiology I (BIOL 2411K). Discussion will focus on the structure and functions of body systems (endocrine, cardiovascular, lymphatic, immune, digestive, respiratory, urinary and reproductive). Laboratory exercises supplement the lecture material. Course Pre-requisite: BIOL 2411K or permission of instructor Offered: Fall, Spring, Summer.

BIOL 2501. Introduction to Biomass. (2 Credits)
As the introductory course for students in the bioenergy track, this course is designed to introduce students to the source of bioenergy, which is biomass. Topics include defining biomass, sources of biomass, processing biomass, uses of biomass, and the role of environment and pollution in biomass production. Course Pre-requisite: BIOL 2107K or permission of instructor Offered: Spring.

BIOL 2601. Intro to Foodborne Diseases. (3 Credits)
This course is one of the two courses offered for students completing the track in food safety. This is an intermediate level course, which will introduce students to the major pathogens associated with foodborne diseases, their epidemiology, and approaches to outbreak investigation and control of foodborne illness. Course Pre-requisite: BIOL 2107K or permission of instructor Offered: Spring.

BIOL 3000K. Fundamentals of Biotechnology. (4 Credits)
A course designed to illustrate the current rise in biotechnology and explore its possible applications in plant, animal, biomedical, societal and global environments. Basic concepts of gene and recombinant DNA technology and laboratory on biotechnology research techniques is included.

BIOL 3101K. Environmental Biology. (4 Credits)
Environmental Biology is an interdisciplinary science that integrates the disciplines and sub-disciplines of biology, chemistry, social sciences, technology, business, law, ethics, philosophy, morality, aesthetics and government. Environmental Biology analyzes the effects and subsequent impact of man's activities on Earth's ecosystems as related to issues of personal and community health. Laboratory exercises supplement the lecture material. Course Pre-requisite: BIOL 2108K or permission of instructor Offered: Summer, Spring .

BIOL 3103. The Fundamentals of Bioenergy. (3 Credits)
This course expands upon the concepts introduced in BIOL 2501. The course introduces students to the application of biomass in the bioenergy field. Topics include defining bioenergy, sources of bioenergy, and the social, political and economic effects of using bioenergy. Course Pre-requisite: BIOL 2501 or permission of instructor Offered: Summer, Fall.

BIOL 3201. Fund of Public Hlth Nutrition. (2 Credits)
This course is one of the two courses offered for students completing the track in food safety. This course will provide an introduction to Public Health Nutrition and the role of the Public Health Nutrition professional. Emphasis will be on definition, identification and prevention of nutrition related disease, as well as improving health of a population by improving nutrition. Course Pre-requisite: BIOL 2701K Offered: Summer, Fall.

BIOL 3250K. Biochemistry. (4 Credits)
The student examines the structure, function, and metabolism of carbohydrates, amino acids and proteins, lipids, and nucleic acids. Topics include bioenergetics, enzyme kinetics, photosynthesis, and the interdependence of the vairous metabolic pathways of intermediate metabolism. Course. Prerequisite: CHEM 2302.

BIOL 3300K. General Botany I. (4 Credits)
An introduction to the study of the plant kingdom with emphasis on plant structure and function, reproduction and heredity. Pre-requisite: BIOL 2108K.

BIOL 3311K. Introduction to Natural Resources. (3 Credits)
Lecture and laboratory activies in this course are designed to introduce students to the problems of population, resource availability and environmental quality. Aspects of air, water resource problems, conventional sources of energy, and food and land resources issues will be considered in the course. Course Prerequisite: BIOL 2107K and CHEM 2112K or permission of instructor Offered: Fall, Spring.

BIOL 3316K. Sources & Uses of Plant & Wildlife Resources. (3 Credits)
Lecture and laboratory activities introduce the student to the ways plant and wildlife resources have been used throughout history and studies their importance in food production and non-edible production utilization. Course Pre-requisite: 2108K or permission of instructor Offered: Fall, Spring .

BIOL 3320K. Principles and Techniques in Water Resource. (4 Credits)
Lecture and laboratory activities introduce the student to the procedures needed to examine water over a wide range of qualities, including water suitable for domestic or industrial supplies, surface water, and treated and untreated municipal or industrial wastewater. Course Prerequisite: BIOL 2108K or permission of instructor Offered: Fall, Spring.

BIOL 3333K. Microbiology and Applications. (4 Credits)
A general course in microbiology specifically for Biology majors. Lecture and laboratory activities emphasize the fundamental concepts of the different groups of microorganisms as related to applications in human, animal and plant health, environment, industry, technology and biotechnology. The course will cover Archaea, bacteria, protists, fungi, viruses, parasites, algae and other microbial groups. Course Pre-requisite: BIOL 2107K or BIOL 2108k or permission of instructor Offered: Summer, Fall, Spring .

BIOL 3401K. Introduction to Histology. (4 Credits)
Lecture and laboratory activities indtroduce the study of tissues with emphasis placed on light microscopic preparations. Course Pre-requisite: BIOL 2107K or BIOL 2108K or permission of instructor. Offered: Fall.

BIOL 3501K. Principles of Genetics. (4 Credits)
Lecture and laboratory activities introduce the study of the classical and modern concepts of heredity in plant and animal systems. Course Prerequisite: Biology 2108K or permission of instructor Offered: Fall.

BIOL 3506. Bioinformatics. (3 Credits)
This course is designed to help students master the DNA analysis tools and resources to study the functions of genomics, understand the gene identity, facilitate the analysis and presentation of molecular and biochemical data. Course Pre-requisite: BIOL 2702K or BIOL2107K or permission of instructor Offered: Fall .

BIOL 3611K. Medical Mycology. (4 Credits)
Lecture and laboratory activities are designed to acquaint students with select fungal groups that cause human disease. Course Pre-requisite: BIOL 2108K or permission of instructor Offered: Fall, Spring .

BIOL 3701. Current Issues and Topics in Biotechnology. (2 Credits)
This course is to familiarize the students with some of the frontier areas if biotechnological applications where a huge scope for further contributions for betterment of the society exists. This course will allow students to gain theoretical and practical, hands-on knowledge of both commonly used and some specialized laboratory instruments, as well as preparation of common solutions, reagents and methodology. Prerequisite: BIOL 2702K or permission of instructor Offered: Spring .

BIOL 3801. Env Hlth Conc in Public Hlth. (2 Credits)
As the second course for student's pursuing the track in public health, this course provides a survey of major topics of environmental health. Topics include sources, routes, media, and health outcomes associated with biological, chemical, and physical agents in the environment; effects of agents on disease, water quality, air quality, food safety, and land resources; current legal framework, policies, and practices associated with environmental health and intended to improve public health. Course Pre-requisite: BIOL 2330 or permission of instructor Offered: Summer, Fall.

BIOL 3901. Pathophysiology. (3 Credits)
This course discusses the fundamentals of human diseases, with emphasis on anatomical, physiological and clinical processes. Course Pre-requisite: BIOL 2108K or permission of instructor Offered: Fall .

BIOL 4001. Research and Independent Study I. (1 Credit)
This is a required course for the biology major. The student will be introduced to concepts, methods and techniques necessary for the development of an undergraduate research topic. The student will make oral presentations on scientific topics of interest and plan a research project with assistance from a faculty advisor. (Required of all majors). Course Pre-requisite: Junior classification or permission of the instructor. Offered: Fall, Spring .

BIOL 4002. Research and Independent Study II. (1 Credit)
This is an elective course conducted under the supervision of a faculty advisor. This course is geared towards biology and biology education majors. Prerequisite: Biology 2108K.

BIOL 4101K. General Physiology. (4 Credits)
In this course, lecture and laboratory activities will emphasize the experimental approach to physiology including the nerve impulse, enzymes and their properties, along with other selcted topics. Course Prerequisite: BIOL 2108K or permission of instructor Offered: Fall.

BIOL 4201K. Introduction to Parasitology. (4 Credits)
Fundamentals of parasitology are investigated using lecture and laboratory activities with emphasis on the life histories and economic importance of protozoan, helmith, and arthropod parasites. Course Prerequisites: BIOL 2108K or permission of instructor Offered: Fall, Spring .

BIOL 4222K. Biology Senior Research. (3 Credits)
This is a required course for Biology majors. The student will conduct a supervised research project in the biological, biomedical, or related sciences. The students will perform an experiment, collect and analyze the data, and write up the research findings in a scientific report. The student will also give an oral presentation of the research findings. Course Pre-requisite: BIOL 4001 or permission of instructor Offered: Fall, Spring .

BIOL 4223. Found of Research III. (1 Credit)
As the third and final course of the Research track, this course will provide students the formal context to become critical writers and speakers of biomedical information. Students will learn to critique scientific literature, thereby, helping them to improve their own writing. Students will prepare both written and oral presentations of their research and results. Written communications include posters in the formats of the professional societies in their disciplines. Course Pre-requisite: BIOL 2240 or BIOL 4222 or permission of instructor Offered: Fall, Spring.

BIOL 4301K. Developmental Biology. (4 Credits)
Lecture and laboratory activities will emphasize classical methods of analysis and the series of emgryonic stages from gametogenesis to histogenesis. Also, basic conceptual topics such as nuclear totipotency, cell determination, cytoplasmic localization, induction, and morphogenesis are interspersed. Course Prerequisite: Biology 2108K or permission of instructor Offered: Spring.

BIOL 4401K. Comparative Vertebrate Anatomy. (4 Credits)
Course lectures will include comparative structure and evolutionary relationships among a series of chordates from amphioxus to mammals with thorough laboratory dissections of at least one representative from each of the vertebrate classes. Course Prerequisite: BIOL 2108K or permission of instructor Offered: Spring.

BIOL 4501K. Immunology. (4 Credits)
Biology 4501K is an introductory level course in immunology. Lecture and laboratory exercises cover the basic concepts of the immune system, antigen, autoimmune diseases, tumor immunology, specific and non-specific types of immune responses. Course Prerequisite: BIOL 2701K or BIOL 3333k or permission of instructor Offered: Fall, Spring .

BIOL 4601K. Plant Physiology. (4 Credits)
Lecture and laboratory exercises study vascular plant functions, including absorption and translocation of water and solutes, transipration, photosynthesis, respiration, growth and development and hormonal regulation. Course Prerequisite: Biology 3300K or permission of instructor Offered: Fall, Spring.

BIOL 4701K. Cell and Molecular Biology. (4 Credits)
This course is designed to acquaint students with the organization and function of the cell utilizing cellular and molecular techniques to investigate structure and function. Course Prerequisite: Biology 2108K or Biology 3333K or permission of instructor Offered: Fall, Spring.

BIOL 4703K. Genetic Engineering. (4 Credits)
This course is intended to bring students up to the leading edge of research in developing genetically altered organisms. Focus will be on concepts and laboratory techniques pertaining to transgenic organisms, including, transformations; screening and selection of transgenic organisms Course Prerequisite: BIOL 2702K or permission of instructor Offered: Fall, Spring.

Biology Minor

Required Courses for a Minor in Biology

Coursework for the minor in Biology consists of two foundational courses, Principles of Biology I and II, followed by a highly flexible range of options in one or more specific fields. Students may choose to obtain a greater breadth of understanding in biology or focus on one area of particular interest. The minor serves as an excellent complement to related sciences, such as chemistry or forensic sciences. Even students majoring in business, psychology, sociology or art may choose to pursue a minor in biology, providing a different perspective that enhances a student's appreciation and understanding of the material encountered in their chosen major.

The minor in Biology is an excellent stepping-stone to further education in the life sciences, which in turn may lay the groundwork for future participation in various health-related professions and other pursuits.

Requirements:

- ***A minor must contain 18 semester hours of coursework.***
- ***A minor must contain 8 hours of required course work and at least 10 hours of upper division of biology course work. Only one elective course will be approved.***
- ***Courses taken to satisfy Core Areas A through E may not be counted as course work in the minor.***
- ***Students must receive a grade of C or higher in all courses taken toward the minor.***

Code	Title	Semester Hours
Required Courses		
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
Upper Division Biology Courses (Only one elective course will be approved)		10
BIOL 3101K	Environmental Biology	
BIOL 3300K	General Botany I	
BIOL 3333K	Microbiology and Applications	
BIOL 3501K	Principles of Genetics	
BIOL 3250K	Biochemistry	
BIOL 4001	Research and Independent Study I	
BIOL 4701K	Cell and Molecular Biology	
BIOL 2XXX	2000-level or higher Biology Elective	
TOTAL MINIMUM REQUIRED HOURS		
Total Semester Hours		18

Biology, Bachelor of Science

Biology - Bachelor of Science

The major in biology provides course sequences leading to the Bachelor of Science degree in biology. The program prepares a student for professional careers and employment in biological sciences and teaching in the area of biology. The flexibility and design of the program aids in preparation for entrance into graduate, medical, pharmacy and dental schools, as well as other professional schools.

The Biology major must complete **a minimum 13 hours of biology electives of which at least 8 hours of which must be at the 3000/4000 level.** The electives will be chosen by the student with the advisor from a list of approved electives. Biology majors and minors must make a "C" or better in all biology, chemistry, physics, and mathematics courses. Students must meet the requirements of the Core Curriculum. Students must take a major field achievement test the Area Concentration Achievement Test (ACAT) in the biology field during the senior year.

Students interested in attending medical and dental schools choose from a select number of biology and chemistry courses as suggested by their advisor or the Pre-Health advisor. Students may select courses in Biotechnology, Research, Bioenergy, Public Health and Food Safety. Students desiring a concentration in biotechnology are advised to contact the biotech program coordinator. In addition to the biotech concentration and pre-med program, the biology degree program offers tracks in Research, Bioenergy, Public Health, and Food Safety. It is highly recommended for students to confer with their departmental academic advisor prior to choosing courses.

Suggested Courses for the Biotech Concentration and Various Other Professional Tracks

1. **Biotechnology concentration**:
   Students wishing to earn a concentration in biotechnology are required to take the following courses as part of their biology course sequence:

Code	Title	Semester Hours
BIOL 3000K	Fundamentals of Biotechnology	4
BIOL 3506	Bioinformatics	3
BIOL 3701	Current Issues and Topics in Biotechnology	2
BIOL 4703K	Genetic Engineering	4

   Please note that satisfactory completion of these courses also fulfills the 13 hours of biology electives required for the major with no additional electives needed. Please note, the student's senior research project (required as a part of BIOL 4222K) must be related to the field of biotechnology. For detailed information discuss with biotech program coordinator.
2. **Pre-Med Track** (medical/dental/pharmacy):
   Based on current admissions criteria for medical based professional programs, biology students interested in the pre-med track are advised to place emphasis on the following courses:

Code	Title	Semester Hours
Biology		
BIOL 2107K	Principles of Biology I (Required)	4
BIOL 2108K	Principles of Biology II (Required)	4
BIOL 3501K	Principles of Genetics (Required)	4
BIOL 4701K	Cell and Molecular Biology (Required)	4
BIOL 2411K	Human Anatomy and Physiology I	4
BIOL 2412K	Human Anatomy and Physiology II	4
Chemistry		
CHEM 1211K	Principles of Chemistry I (Required)	4
CHEM 1212K	Principles of Chemistry II (Required)	4
CHEM 2301K	Organic Chemistry I (Required)	4
CHEM 2302K	Organic Chemistry II (Required)	4
CHEM 3250K	Biochemistry I (Required)	4
Physics		

PHYS 1111K	Introductory Physics I (Required)	4
PHYS 1112K	Introductory Physics II (Required)	4

Due to the recent addition of behavioral and social sciences portions to the Medical College Admission Test (MCAT), students interested in **medical school** are also encouraged to take the following courses:

Code	Title	Semester Hours
PSYC 1101	General Psychology	3
SOCI 2031	Intro to Anthropology	3
SOCI 2282	Social Basis of Human Behavior	3

For further discussion contact pre-med advisor.

3. **Graduate program/ Research track**:
   Biology students interested in the graduate program/research track are recommended to take the following courses as part of their biology course sequence:

Code	Title	Semester Hours
BIOL 2000K	Foundations of Research 1	1
BIOL 2001K	Introduction to Research	2
BIOL 2240	Foundation of Research II	2
BIOL 2250	Responsible Conduct of Research	2
BIOL 2320K	Laboratory Research Techniques	3
BIOL 4223	Found of Research III	1

   Please note courses required for completion of the biology major. All other courses can be used to satisfy the 13 hours of biology electives required for the major.
4. **Bioenergy Track**:
   Biology students interested in the bioenergy track are recommended to take BIOL 2501 and BIOL 3103 as part of their biology course sequence. Please note that satisfactory completion of these courses may be used towards 13 hours of biology electives required for the major.
5. **Public Health Track**:
   Biology students interested in the public health track are recommended to take BIOL 2330 and BIOL 3801 as part of their biology course sequence. Please note that satisfactory completion of these courses may be used towards 13 hours of biology electives required for the major.
6. **Food Safety Track**:
   Biology students interested in the food safety track are recommended to take BIOL 2601 and BIOL 3201 as part of their biology course sequence. Please note that satisfactory completion of these courses may be used towards 13 hours of biology electives required for the major.

The major in biology provides course sequences leading to the Bachelor of Science degree in biology. The program prepares a student for professional careers and employment in biological sciences and teaching in the area of biology. The flexibility and design of the program aids in preparation for entrance into graduate, medical, pharmacy and dental schools, as well as other professional schools.

Additionally, the Biology major must complete **a minimum 13 hours of biology electives of which a minimum of 8 hours must be at the 3000/4000 level.** The electives will be chosen by the student with the advisor from a list of approved electives. Biology majors and minors must make a "C" or better in all biology, chemistry, physics, and mathematics courses. Students must meet the requirements of the Core Curriculum. Students must take a major field achievement test the Area Concentration Achievement Test (ACAT) in the biology field during the senior year.

Students interested in attending medical and dental schools choose from a select number of biology and chemistry courses as suggested by their advisor or the Pre-Health advisor. Students may select courses Biotechnology, Research, Bioenergy, Public Health and Food Safety. Students desiring a concentration in biotechnology are advised to contact the biotech program coordinator. In addition to the biotech concentration and pre-med program, the biology degree program also offers additional tracks in Research, Bioenergy, Public Health, and Food Safety. It is highly recommended for students to confer with their departmental academic advisor prior to choosing courses.

Code	Title	Semester Hours
Core Curriculum (MATH 1113 required for Area A2) (p. 151)		43
Area F: Courses required for the program of study		
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
BIOL 1801	Science Career Exploration	1
Area G - Major Requirements		
BIOL 3300K	General Botany I	4
BIOL 3101K	Environmental Biology	4
BIOL 3333K	Microbiology and Applications	4
BIOL 3501K	Principles of Genetics	4
BIOL 4001	Research and Independent Study I	1
BIOL 4222K	Biology Senior Research	3
BIOL 4701K	Cell and Molecular Biology	4
BIOL 3250K	Biochemistry	4
CHEM 2301K	Organic Chemistry I	4
CHEM 2302K	Organic Chemistry II	4
PHYS 2100	Computer Applications	3
or CSCI 1300	Introduction to Computer Science	
Biology Electives: Select 13 hours from the following courses (Required: 8 hours at the 3000/4000 level)		13
BIOL 2000K	Foundations of Research 1 [3]	
BIOL 2001K	Introduction to Research [3]	
BIOL 2240	Foundation of Research II [3]	
BIOL 2250	Responsible Conduct of Research [3]	
BIOL 2320K	Laboratory Research Techniques [3]	
BIOL 2330	Principles of Epidemiology [5]	
BIOL 2411K	Human Anatomy and Physiology I [2]	
BIOL 2412K	Human Anatomy and Physiology II [2]	
BIOL 2501	Introduction to Biomass [4]	
BIOL 2601	Intro to Foodborne Diseases [6]	
BIOL 3000K	Fundamentals of Biotechnology [1]	
BIOL 3103	The Fundamentals of Bioenergy [4]	
BIOL 3201	Fund of Public Hlth Nutrition [6]	
BIOL 3311K	Introduction to Natural Resources	
BIOL 3316K	Sources & Uses of Plant & Wildlife Resources	

BIOL 3320K	Principles and Techniques in Water Resource	
BIOL 3401K	Introduction to Histology	
BIOL 3506	Bioinformatics [1]	
BIOL 3611K	Medical Mycology	
BIOL 3701	Current Issues and Topics in Biotechnology [1]	
BIOL 3801	Env Hlth Conc in Public Hlth [5]	
BIOL 3901	Pathophysiology	
BIOL 4101K	General Physiology	
BIOL 4201K	Introduction to Parasitology	
BIOL 4223	Found of Research III [3]	
BIOL 4301K	Developmental Biology	
BIOL 4401K	Comparative Vertebrate Anatomy	
BIOL 4501K	Immunology	
BIOL 4601K	Plant Physiology	
BIOL 4703K	Genetic Engineering [1]	
Non-Science Electives (any course other than a science course)		3
Foreign Language Sequence (select one sequence)		6
SPAN 1001 & SPAN 1002	Elementary Spanish I and Elementary Spanish II	
FREN 1001 & FREN 1002	Elementary French I and Elementary French II	
GRMN 1001 & GRMN 1002	Elementary German I and Elementary German II	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [7]	2
Total Semester Hours		124

1 Courses for Biotech concentration. These courses will satisfy Biology electives for B.S. in Biology.

2 Courses for Pre-Med Track (medical/dental/pharmacy) concentration. These courses will satisfy Biology electives for B.S. in Biology.

3 Courses for graduate program/research track concentration. Students interested in this track are recommended to take courses from this group. These courses will satisfy Biology electives for B.S. in Biology (please note the credit-hour and course-level requirements in the elective section).

4 Courses for the Bioenergy concentration. These courses will satisfy Biology electives for B.S. in Biology.

5 Courses for the Public Health concentration. These courses will satisfy Biology electives for B.S. in Biology.

6 Courses for the Food Safety concentration. These courses will satisfy Biology electives for B.S. in Biology.

7 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Department of Chemistry and Forensic Science

Programs in the Department of Chemistry and Forensic Science

- Degree information for the Associate of Science in Core Curriculum with a Chemistry Transfer Pathway (p. 154)
- Degree information for the Associate of Science in Core Curriculum with an Engineering Transfer Pathwa (p. 154)

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- C (p. 165)
- D
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C

- Chemistry Minor (p. 169)
- Chemistry, Bachelor of Science (p. 169)

F

- Forensic Science Minor (p. 170)
- Forensic Science, Bachelor of Science (p. 171)

CHEM 1101K. Intro to Chemistry Lab. (4 Credits)
This course is designed to prepare students with little, if any, chemistry or math backgrounds for the General Chenistry I and General Chemistry II sequence (CHEM 1211/1212). Topics to be studied include matter, measurement, units and unit conversions, graphing, atomic structure, nomenclature, bonding, the periodic table, chemical equations, chemical reactions, stoichiometry. Exercises designed to improve science study skills will be included. The emphasis of the lecture will be on problem solving strategies, skill building and real life applications.

CHEM 1151K. Survey of Chemistry I. (4 Credits)
This course is the first part of a two-semester sequence covering elementary principles of general and organic chemistry and biochemistry designed for allied health profession majors. Topics to be covered include elements and compounds, chemical equations, nomenclature, and molecular geometry. Laboratory exercises will supplement the lecture material. 4 credits. Prerequisite(s): Permission of instructor. Offered: Fall.

CHEM 1152K. Survey of Chemistry II. (4 Credits)
This course is the second in a two-semester sequence covering elementary principles of general and organic chemistry and biochemistry designed for allied health profession majors. Topics to be covered include gases, solutions, acids/bases, basic functional groups and reactions of organic molecules. Additionally, carbohydrates, lipids, proteins, and enzymes are introduced. Laboratory exercises will supplement lecture material. Prerequisite(s): CHEM 1151K US.

CHEM 1211K. Principles of Chemistry I. (4 Credits)
This course is the first part of a two-semester general chemistry curriculum. It is primarily designed for students with career interests in chemistry, biology, medicine, pharmacy, and other STEM (Science, Technology, Engineering, and Mathematics) fields. This course covers basic chemistry: the fundamental concepts concerning the atomic and molecular structures and properties of matter, states of matter, stoichiometry, chemical equations and various types of equilibrium in solution including electrochemistry. Laboratory excercises supplement lectures. 4 credits. Prerequisite(s): Permission of instructor. Offered: Fall, Spring, Summer.

CHEM 1212K. Principles of Chemistry II. (4 Credits)
This course is the second part of a two-semester general chemistry sequence. It is primarily designed for students with career interests in chemistry, biology, medicine, pharmacy and other science fields. It will mainly deal with states of matter, solutions, chemical reactions, chemical kinetics, eequilibrium, acids/bases and pH with corresponding laboratory activities. The laboratory activity is extremely important to enhance understanding of the materials learned from lecture. 4 credits. Prerequisite(s): CHEM 1211K. Offered: Fall, Spring, Summer.

CHEM 2250. Responsible conduct of Research. (2 Credits)
This course is designed to provide appropriate training and oversight in the responsible and ethical conduct of research to students engaging in undergraduate research. Ethical and policy issues relevant to the responsible conduct of research will be discussed. Analysis and application of topics including conflict of interest, responsible authorship, policies for handling misconduct, data management, data sharing, and policies involving use of human and animal subjects.

CHEM 2301K. Organic Chemistry I. (4 Credits)
This is the first course of a two-semester sequence in modern organic chemistry. In this course the student will be introduced to concepts of reactivity from structural, mechanistic, and synthetic perspectives. We will explore details of aliphatic substitution, addition, elimination, and free-radical reaction types. The systematic naming of compounds, stereochemistry, conformation, and isomerism will also be covered extensively. Laboratory exercises supplement lectures. 4 credits Prerequisite(s): CHEM 1212K US Offered: Fall, Spring, Summer.

CHEM 2302K. Organic Chemistry II. (4 Credits)
This course is a continuation sequence of CHEM 2301K and it includes a systematic description of the chemistry of functional groups such as alkenes, alkynes, alcohols, aromatic and carbonyl compounds. Spectroscopic methods of analysis, including infrared, ultraviolet/visible, mass spectroscopy and nuclear magnetic resonance spectroscopy are also included. Laboratory exercises supplement lectures. Prerequisite(s): CHEM 2301K Offered: Fall, Spring, Summer.

CHEM 2310. Scientific Mathematics. (2 Credits)
This course is designed to acquaint students with mathematical concepts used in scientific studies including those required for the laboratory and publications. This course therefore will include mathematics review as well as applications into scientific problems.

CHEM 2320. Laboratory Research Techniques. (3 Credits)
This course provides students with hands-on training on cutting-edge techniques, technologies, and equipment that are essential for conducting general and biomedical research. It contains four modules: Basic Lab Skills, DNA, Protein Techniques and Instrumental Methods in Chemistry. Students learn experimental techniques including reagent preparation, pipetting, DNA isolation, protein purification, Agarose Gel Electrophoresis, SDS Gel Electrophoresis, conventional PCR, cell culture, Western blot, ELISA, chromatography (GC-MS) and spectroscopy (FT-IR, NMR, UV-Vis). 3 credits. Prerequisite(s): Permission of instructor. Offered: Spring, Fall .

CHEM 2351K. Quantitative Analysis I. (4 Credits)
This course involves the study of theory and practice of gravimetric and titrimetric analysis with emphasis on solution equilibria as applied to acid-base, precipitation, and complexiometric methods. The laboratory work will cover basic laboratory techniques, solution preparation, titrations, equilibrium constants, statistics, gravimetric analysis, and EDTA experiments. 4 credits. Prerequisite(s): CHEM 1212K Offered: Fall.

CHEM 2352K. Quantitative Analysis II. (4 Credits)
This course is a continuation of the study of analytical methods including oxidation-reduction, titration and an introduction to instrumental methods-potentiometric, spectrophotometric, and chromatographic. The laboratory work will cover spectroscopic methods, electrochemical methods, and chromatographic methods. Modern analytical instruments such as UV-Vis and Infrared (IR) spectrophotometers, Gas Chromatograph (GC), High Performance Liquid Chromatograph (HPLC), Atomic Absorption Spectrophotometer (AAS), and electrochemical instruments will be introduced and data from each of the methods will be analyzed. Prerequisite(s): CHEM 2351K US D.

CHEM 2415. Scientific Writing. (3 Credits)
This course is designed to acquaint learners with disco-very inquiry processes and to provide competencies for writing scientific papers. Prerequisite(s): Permission of instructor.

CHEM 3151K. Quantitative Analysis I. (4 Credits)
This course involves the study of theory and practice of gravimetric and titrimetric analysis with emphasis on solution equilibria as applied to acid-base, precipitation, and complexiometric methods. The laboratory work will cover basic laboratory techniques, solution preparation, titrations, equilibrium constants, statistics, gravimetric analysis, and EDTA experiments. 4 credits. Prerequisite(s): CHEM 1212K Offered: Fall.

CHEM 3152K. Quantitative Analysis II. (4 Credits)
This course is a continuation of the study of analytical methods including oxidation-reduction, titration and an introduction to instrumental methods-potentiometric, spectrophotometric, and chromatographic. The laboratory work will cover spectroscopic methods, electrochemical methods, and chromatographic methods. Modern analytical instruments such as UV-Vis and Infrared (IR) spectrophotometers, Gas Chromatograph (GC), High Performance Liquid Chromatograph (HPLC), Atomic Absorption Spectrophotometer (AAS), and electrochemical instruments will be introduced and data from each of the methods will be analyzed. Prerequisite(s): CHEM 2351K US D.

CHEM 3221K. Physical Chemistry I. (4 Credits)
This course is a study of the fundamental laws governing matter in the gaseous state, the laws of thermodynamics (0th-3rd laws), and chemical kinetics. It will also include the applications of principles, such as solid and liquid states, solutions, phase equilibria, and electrochemistry. In this class, students will learn what constitutes the driving force for physical and chemical changes, and how it changes with temperature and pressure. The laboratory work is designed to provide students with first-hand, practical experience in making and interpreting scientific observations. Prerequisite(s): PHYS 2222K.

CHEM 3222K. Physical Chemistry II. (4 Credits)
This course introduces the theory and application of quantum theory and bonding; magnetic and spectral properties of atoms and molecules; and statistical mechanics. Prerequisite(s): MATH 2212 US C or taken concurrently. PHYS 2222K US C and CHEM 2301K US C or CHEM 2351 US C. Offered: Fall.

CHEM 3231K. Intermediate Inorganic Chemistry I. (4 Credits)
The course will focus on acquiring different conceptual tools that are necessary to understand structure-function correlations in inorganic systems. The tools include chemical forces, symmetry and point groups, qualitative molecular orbital theory and coordination chemistry. This course will cover 12 chapters in the textbook, ranging from the first principles, transition elements to bioinorganic chemistry. The laboratory work will supplement lecture material. 4 credits. Prerequisite(s): CHEM 3222K Offered: Spring .

CHEM 3232. Intermediate Inorganic Chemistry II. (3 Credits)
This course involves the study of the transition element including bonding of coordination compounds, stero-chemistry and reactions, and an introduction to organ metallic chemistry and catalysis.

CHEM 3250K. Biochemistry I. (4 Credits)
In this course, the student examines the structure and function and of carbohydrates, amino acids and proteins, lipids, and nucleic acids. The laboratory work is designed to supplement lectures. 4 credits. Prerequisite(s): CHEM 2302K Offered: Spring, Fall, Summer.

CHEM 3252. Biochemistry II. (3 Credits)
Designed to present details of biochemical processes normally covered in the second semester of a two semester biochemistry sequence. This includes an in-depth study of the metabolism of amino acids, lipids, carbohydrates and nucleic acids; advanced enzyme kinetics; reaction mechanisms and regulatory pathways. Recombinant DNA technology will also be addressed. Prerequisite(s): CHEM 3250K Offered: Not offered on a regular basis .

CHEM 3300. Nanoscience and Nanotechnology. (3 Credits)
This course is designed for a multidisciplinary audience with a variety of backgrounds such as chemistry, biology, physics, and forensic science. It will provide an introduction into the principles and applications of the promising field of nanotechnology and nanoscience, Furthermore, it will introduce the tools and principles relevant at the nanoscale dimension, and discuss current and future nanotechnology applications in engineering, materials, physics, chemistry, biology, electronics and energy. 3 credits. Prerequisite(s): CHEM 2302K and BIOL 2107K and (PHYS 1112K or PHYS 2222K). Offered: Fall .

CHEM 3400. Polymer Science. (3 Credits)
Polymer science has diffused into the modern world with polymers finding applications in areas such as construction materials, drug design, computing hardware and optoelectronics, healthcare as well as biomedical applications. This course provides an introduction to the fundamental physical and chemical properties of polymers such as their molecular, thermal, mechanical, and electrical properties. In addition, we explore how these materials are synthesized, evaluated, and their commercial applications. 3 credits. Prerequisite(s): CHEM 2302K Offered: Fall.

CHEM 4100K. Instrumental Analysis. (4 Credits)
In this course, the student will be introduced to study the principles and applications of modern instrumental methods of analysis with special emphasis on spectrophotometric, chromatographic, electroanalytical and radiochemical techniques. The laboratory work is designed to provide the practical experience on state-of-the-art analytical instruments such as NMR, IR spectrophotometer and Scanning Electron Microscope. Prerequisite(s): CHEM 3222K US C Offered: Spring.

CHEM 4110. Chemical Literature I. (1 Credit)
This course is designed to acquaint the student with ethics, governmental regulations of chemicals in the work place, and primary sources of information from journals to databases that are currently available. 1 credit. Prerequisite(s): Senior Status Offered: Fall.

CHEM 4111. Junior Seminar. (1 Credit)
This course is designed to train students in using science literature and presenting scientific information. Students will review scientific writing styles and presentation formats, prepare a poster presentation, and observe and evaluate scientific presentations by invited guest, ASU faculty and senior students. Prerequisite(s): Junior Status.

CHEM 4120. Senior Research I. (1 Credit)
In this course, students will present preliminary plans/ background of their senior research proposals following a review of the current literature. 1 Credit. Prerequisite(s): CHEM 4111 Offered: Fall.

CHEM 4130K. Senior Research II. (3 Credits)
In this course, students select a research area in chemistry and the final written report is completed as a senior thesis (Off campus research experience or industrial co-op/ internships may be substituted if taken at the junior/senior level). 3 credits. Prerequisite(s): CHEM 4120 Offered: Spring, Fall.

CHEM 4140. Advanced Biochemistry. (3 Credits)
This course examines detailed biochemical pathways and elucidates the nature and mechanism of these reactions with special emphasis on the quantification of the chemical components of cells. Prerequisite(s): CHEM 3250K US C.

CHEM 4150K. Computational Chemistry. (4 Credits)
Computer application of molecular orbital calculation using semiemprical and abinitio programs incorporating molecular modeling aspects are investigated in this course. Prerequisite(s): CHEM 3222K US.

CHEM 4160. Special Topics in Chemistry. (2 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior - This course is designed to allow students and faculty to explore some topics in greater detail than in a regular classroom setting, or to allow the introduction of such additional topics as specific areas of biochemistry, chemical physics, polymer chemistry, bio-analytical and environmental chemistry. Prerequisite(s): Permission of Instructor (may be repeated twice)

CHEM 4170K. Special Laboratory Problems. (2 Credits)
This course is similar to Special Topics in Chemistry (CHEM 4160) but involves laboratory experiences. Prerequisite(s): Senior status and permission of Instructor. 2 credits. Offered: Not offered on a regular basis .

CHEM 4180K. Topics in Research Techniques. (4 Credits)
This course examines relevant methods and techniques that are used in biomedical research. Prerequisite(s): Permission of instructor.

CHEM 4200K. Environmental Chemistry. (4 Credits)
This course will include an overview of the earth and its atmosphere and a study of the chemical processes that occur in this environment. The chemical structures and toxic properties of chemical pollutants and the reactions in the environment will be included, as well as a discussion of the sources for chemical contamination and methods for controlling pollution. Prerequisite(s): CHEM 2302K and MATH 1113 Offered: Not offered on a regular basis .

CHEM 4210K. Nanoscale Analytical Methods. (4 Credits)
This course provides an introduction to the novelty, the challenge and the excitement of nanoscale science and technology. This course is designed to explore the principles of nanoscale analytical methods that are essential to nanoscience and nanomaterial chemistry. This course will also provide fundamental theoretical and practical knowledge of nanomaterials. The Students will be introduced to applications and characterizations of nanomaterials. Prerequisite(s): CHEM 2352K Offered: Not offered on a regular basis .

FOSC 2100K. Intro to FOSC. (3 Credits)
This course is designed as an introductory course for those who wish to pursue a career in forensic science. Course is an overview of investigative techniques and methods used in the crime laboratory to analyze physical evidence. Course will also provide lab exercises in the metric system of measurement, general crime scene investigative techniques, and methods of scientific analysis used in crime laboratories. No Prerequisite Offered: Fall and Spring.

FOSC 2110. Survey Of Forensic Science. (3 Credits)
This course will enlighten students with the basic principles and uses of forensic science in the criminal justice system. This course will review the basic applications of forensic science fields in crime reconstruction. The outcome of the course will include students gaining basic understanding of the importance and limitations of the forensic sciences in solving crime. Offered: Spring.

FOSC 2120K. Forensic Photography. (3 Credits)
Designed as an introductory course in forensic photography, the history of photography will be presented. Technical aspects of exposure, images characteristics, and crime scene and evidence documentation will be introduced and projects will be used to apply these techniques. A final crime scene project with a presentation using photographs generated in the project will be used to show how photographic documentation can be used as an investigative and analysis technique in the reconstruction of a crime scene. Pre requisite FOSC 2100K Offered: Fall .

FOSC 2130K. Crime Scene Invst & Recon. (3 Credits)
This course is intended to familiarize students with the basic principles of Crime Scene investigations and reconstruction through Crime Scene Unit, Crime Scene Protocol, Crime Scene Evidence Collection and Crime scene interpretations. Prerequisite FOSC 2100K Offered: Spring .

FOSC 2140K. Crime Scene Invest & Recon II. (3 Credits)
This course will present opportunities to learn more principles in crime scene investigation including crime scene processing, crime scene Evidence Classification collection methods and crime scene reports. The course will go in depth and much more beyond what is presented in Crime Scene Investigation and Reconstruction I. Prerequisite FOSC 2130 Offered: Fall .

FOSC 3020K. Forensic MIcroscopy of Trace. (4 Credits)
Light microscopy of trace evidence including, contrast, resolving power and illumination; interference, phase and fluorescence microscopy; microscopy with polarized light, birefringence and crystal structure; dispersion staining; photomicrography; fibers, minerals, and residues. Prerequisite: PHYS 2221K and PHYS 2222K Or PHYS 1111K and PHYS 1112K Offered: Fall .

FOSC 3030. Criminal Evidence and Court Procedure. (3 Credits)
Consideration of laws of criminal evidence, rules of search and seizures, chain-of-custody, admissibility, opinion and hearsay, etc., and the mechanics of trials. Prerequisite: CRJU 1100 and FOSC 2100K. Offered: Fall.

FOSC 3100K. Intern Forensic Sci DNA Typi. (3 Credits)
This course consists of lectures that review in some detail the history, scientific principles, forensic applications and practice of DNA typing and databases in different countries. This course will teach students about different DNA typing technologies and databases and their international usage and variations. DNA typing provides information on genetic variations in all forms of life and molecular level which can be used in forensics, clinical diagnostics and evolutionary biology among many fields. This course will also examine the roles and activities of international, regional and national organizations in the promotion and exchange of DNA database technologies and information. Prerequisite FOSC 2100, and BIOL 2111K Offered: Fall .

FOSC 3200K. Bio Terrorism & Biotechnolgy. (3 Credits)
This course was designed to help internalize the ASU Forensic Science program curriculum. The course is concerned with the scientific issues and nature of current and future threats posed by Bioterrorism and the connection between Biotechnology and bio-defense. The scientific theme and scope are international and involve showing how different countries, multinational companies and transnational organizations are active in the fields of Biotechnology and impacted by issues relating to Biotechnology and Bioterrorism. Prerequisite: FOSC 2100, BIOL 2111K Offered: Spring.

FOSC 4040K. Forensic Serology/DNA Tech I. (3 Credits)
Practices of search, collection, preservation, and identification of blood and body fluids as wet or dry stains; immunologic typing of blood; DA-typing and electrophoresis, and laboratory report. Distribution: Forensic Technology/Technician. Prerequisite: BIOL 2111K, CHEM 1212K, and CHEM 3250 K Offered: Fall.

FOSC 4050K. Forensic Chemistry. (4 Credits)
Theory and practice of quantitative chemical analysis, chemical spectroscopy and instrumental methods of analysis: U.V., visible and infrared (IR) spectrophotometry, Fourier transform IR, florescence and fluorometry, atomic absorption and emission, Raman NMR, mass- spec., for structures and molecular stereochemistry; chromatographic methods of separation- TLC, HPLC, and GC. Laboratory report. Prerequisite: CHEM 2302K or CHEM 2302 and CHEM 2351K or CHEM 2351. Offered: Fall .

FOSC 4060K. SEM-EDAX of Trace Evidence. (3 Credits)
Practice of scanning electronic microscopy with energy-dispersive X-rays for physical and elemental characterization of trace evidence, including gunshot residue particles, image processing and automation. Laboratory report. Prerequisite: FOSC 3020K. PHYS 1111K and PHYS 1112K Offered: Spring.

FOSC 4080K. Forensic Serology/DNA Tech II. (3 Credits)
Laboratory practice of confirmatory tests for traces of bloodstains and semen stains; electrophoresis of blood enzymes and blood grouping, advanced DNA-typing, etc., and Lab report. Prerequisite: BIOL 2111K, and CHEM 1212K Offered Spring .

FOSC 4090K. Controlled Substance/Toxicolog. (3 Credits)
Theory and practice of controlled substance identification GC-MS, HPLC, TLC, and infrared spectroscopy (IR/ FTIR), and detection of alcohol toxication by breath testing. Laboratory report. Prerequisite: CHEM 2302K, and CHEM 3250K or CHEM 2351K Offered: Spring .

FOSC 4120K. Electron Optics, EM/Quant Anal. (3 Credits)
An introduction to electron microscopy, optical designs of SEM, TEM, HVEM and STEM, and to microanalysis with wave length dispersive, energy-dispersive, and X-ray fluorescence spectrometers. SEM-EDX practice and laboratory report. Prerequisite: 0-3 credits. Prerequisite: FOSC 4060. Offered: Spring .

FOSC 4130. Expert Witness at Mock Trial. (2 Credits)
Consideration of place of expert's in dispute resolution, cases that require expert testimony, pre- trail preparations, rules of evidence, articles and exhibits, courtroom demeanor, participation at criminal mock trials and offer expert testimony.

FOSC 4140K. Fingerprint Technology. (2 Credits)
Practice of fingerprinting: identification and development of latent fingerprints, enhancements by laser, automated identification system, image processing and the expert fingerprint witness. Prerequisite: FOSC 2100 and FOSC 2000 or FOSC 2100. Offered: Fall .

FOSC 4150K. Evident Proc/Med Tech/Nur/Para. (2 Credits)
Practice in evidence protection and collection: biological and medical evidence and controls to be collected, injuries to be photographed, legal and scientific requirements of packaging and storage, writing medical report and assisting, the coroner, rules of evidence and expert witness. Laboratory report. Prerequisite: FOSC 3020 and FOSC 2130. Offered: Spring.

FOSC 4160K. Evidence Collection in Scientific Crime Investigation (w/ lab). (2 Credits)
A course for the first officer at the crime scene, investigators and specialized personnel in processing the crime scene and collection of evidence for a systematic investigation consistent with standards for law enforcement agencies and rules of evidence. Laboratory practice and report.

FOSC 4170K. Ballistics of Firearms/Tool Mk. (3 Credits)
Theory and practice of the physics of interior, exterior, and terminal ballistics as applied to identification of fire arms, bullets, and casing, primer and powder, gunshot residue formation and deposition, pellet distribution, muzzle-to-target distance and bullet wounds. Lab report. Prerequisite: FOSC 2100K, FOSC 3020K Offered: Spring.

FOSC 4201K. Evidence Analysis/Research. (3 Credits)
On-campus research and evidence examination or Internship I to generate crime laboratory proficiency and competence in defending to witness in the presence of judges in a moot court. Prerequisite: Graduating Seniors only Offered: Fall & Spring.

FOSC 4999. Senior Capstone Seminar. (3 Credits)
This course involves establishing students' understanding of ethics, quality control and assurance and their being able to explain, analyze and apply their knowledge of these topics. The course also reviews laboratory techniques and field practice in the forensic science field as well as certain of the forensic science professional literature. Preparation of application materials for Forensic careers and the review and exercise of their forensic knowledge gained during the program may also be done based on time and inclination of studetns. Prerequisite: Graduating seniors only. Offered: Fall & Spring.

Chemistry Minor

- ***A minor must contain 17 semester hours of coursework.***
- ***A minor must contain at least 9 hours of upper division course work (numbered 3000 or above).***
- ***Courses taken to satisfy Core Areas A through E may not be counted as course work in the minor.***

Code	Title	Semester Hours
Required Courses		8
CHEM 2301K	Organic Chemistry I	
CHEM 2302K	Organic Chemistry II	
CHEM 3151K	Quantitative Analysis I	
Upper Division Chemistry Courses		
Select at least 9 semester hours from the following:		9
CHEM 3221K	Physical Chemistry I	
CHEM 3250K	Biochemistry I	
CHEM 4110	Chemical Literature I	
CHEM 3231K	Intermediate Inorganic Chemistry I	
CHEM 3222K	Physical Chemistry II	
CHEM 3400	Polymer Science	
CHEM 3300	Nanoscience and Nanotechnology	
Total Semester Hours		17

Chemistry, Bachelor of Science

The major in chemistry provides courses and sequences leading to the Bachelor of Science degree in Chemistry. The program is designed to follow the criteria for baccalaureate degrees set forth by the Committee on Professional Training of the American Chemical Society. The program prepares students for professional employment after graduation and also provides strong academic and laboratory experiences for those who wish to pursue graduate degrees in chemistry or attend professional schools.

Students must meet the requirements listed in the Core Curriculum. Students must also complete a minimum of 49 semester hours of chemistry. All students are required to earn at least a grade of "C" in all chemistry, biology, physics, and mathematics courses. All students are required to take the American Chemical Society standardized test in the courses for which the test is available. Students must also take the chemistry exit exam, the Major Field Test (MFT) during the senior year. A GPA of 2.25 and completion of CHEM 1211K and CHEM 1212K with a grade of 'C' or better is required to be a chemistry major. The chemistry major requires completion of required courses with a grade-point average of at least a 2.0.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) (p. 151) [1]		43
Area F: Courses Related to Major		
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 2301K	Organic Chemistry I	4
CHEM 2302K	Organic Chemistry II	4
CHEM 2310	Scientific Mathematics	2
Area G: Major Requirements		
The Chemistry Major Course requirements, AREA G, include 45 credits in required courses and 15 hours of electives.		
BIOL 2107K	Principles of Biology I	4
MATH 2212	Calculus II	4
CHEM 3151K	Quantitative Analysis I	4
CHEM 3152K	Quantitative Analysis II	4
CHEM 3221K	Physical Chemistry I	4
CHEM 3222K	Physical Chemistry II	4
CHEM 3231K	Intermediate Inorganic Chemistry I	4
CHEM 3250K	Biochemistry I	4
CHEM 4100K	Instrumental Analysis	4
CHEM 4110	Chemical Literature I	1
CHEM 4111	Junior Seminar	1
CHEM 4120	Senior Research I	1
CHEM 4130K	Senior Research II	3
PHYS 2100	Computer Applications	3
Electives		15
At least 3 of the elective credits must be non-science courses		
At least 6 of the elective credits must be 3000 level or higher Chemistry electives		
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

1 For students who take MATH 1211 the extra credit hour will be applied to elective hours in the degree program.

2 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

This program of study includes a number of fundamental courses in chemistry and allows for students with interests in additional disciplines to build a broad based curriculum. Students will be required to complete the same courses as in Area A through Area F of the B.S. in Chemistry degree program (ACS track). However, in Area G they will be allowed to take a minimum of 15 hours (at least 5 credits in 3000 level or higher) of electives from one other discipline based on that discipline's minor requirements (e.g. Business or Biology) in place of the 15 hours of required electives which are primarily chemistry courses.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) (p. 151) [1]		43
Area F: Courses Related to Major		
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 2301K	Organic Chemistry I	4
CHEM 2302K	Organic Chemistry II	4
CHEM 2310	Scientific Mathematics	2
Area G Major Courses		
BIOL 2107K	Principles of Biology I	4
MATH 2212	Calculus II	4
CHEM 3151K	Quantitative Analysis I	4
CHEM 3152K	Quantitative Analysis II	4
CHEM 3221K	Physical Chemistry I	4
CHEM 3222K	Physical Chemistry II	4
CHEM 3231K	Intermediate Inorganic Chemistry I	4
CHEM 3250K	Biochemistry I	4
CHEM 4100K	Instrumental Analysis	4
CHEM 4110	Chemical Literature I	1
CHEM 4111	Junior Seminar	1
CHEM 4120	Senior Research I	1
CHEM 4130K	Senior Research II	3
PHYS 2100	Computer Applications	3
Minor chosen by student (15 hours)		15
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		124

1 For students who take MATH 1211 the extra credit hour will be applied to elective hours in the degree program.

2 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Forensic Science Minor

- ***A minor must contain 17 semester hours of coursework.***
- ***A minor must contain at least 9 hours of upper division course work (numbered 3000 or above).***
- ***Courses taken to satisfy Core Areas A through E may not be counted as course work in the minor.***

Code	Title	Semester Hours
Required Courses		8
FOSC 2100K	Intro to FOSC	
FOSC 2120K	Forensic Photography	
FOSC 2130K	Crime Scene Invst & Recon	
Upper Division Chemistry Courses		
Select at least 9 semester hours of the following:		9
FOSC 3020K	Forensic MIcroscopy of Trace	
FOSC 3030	Criminal Evidence and Court Procedure	
FOSC 4040K	Forensic Serology/DNA Tech I	
FOSC 4050K	Forensic Chemistry	
FOSC 4130	Expert Witness at Mock Trial	
FOSC 4140K	Fingerprint Technology	
FOSC 4170K	Ballistics of Firearms/Tool Mk	
FOSC 4201K	Evidence Analysis/Research	
FOSC 4999	Senior Capstone Seminar	
Total Semester Hours		17

Forensic Science, Bachelor of Science

The Bachelor of Science degree in Forensic Science is the only four-year Forensic Science degree program in Georgia and is housed in the Department of Chemistry and Forensic Science. Our Forensic Science program is accredited by the American Academy of Forensic Science (AAFC) accreditation body-Forensic Education Program Accreditation Commission (FEPAC), Forensic Science is the application of scientific methods to crime scene investigation and criminal prosecution. The program is interdisciplinary and is based on the natural sciences; chemistry, physics and biology. This program prepares students for professional careers in crime laboratories as criminalists, trace evidence specialists, serologists, DNA specialists, toxicologists, drug analysts, firearms and fingerprint examiners, staff photographers and evidence technicians.

Forensic Science Exit Exam - (70% Minimum Required Score)

The Academic requirements for Forensic Science program have been modified and specific admission criteria have been developed as recommended by the American Academy of Forensic Science's (AAFS) Forensic Science Education Programs Commission (FEPAC)

Requirements for Specific Admission Criteria for Forensic Science Majors

1. Completion of 32 hours of the core curriculum with a minimum grade of C in each course and institutional requirements.
2. Completion of Principles of Chemistry I and II (CHEM 1211K and CHEM 1212K) and Organic Chem I, Intro/Prin of Physics I and II with a minimum grade of C.
3. A cumulative Grade Point Average of 2.5

Code	Title	Semester Hours
Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) (p. 151) [1]		43
Area F: Courses Related to Major		
CHEM 2301K	Organic Chemistry I	4
CHEM 2302K	Organic Chemistry II	4
BIOL 2107K	Principles of Biology I	4
FOSC 2100K	Intro to FOSC	3
CHEM 2310	Scientific Mathematics	2
Area G - Major Requirements		
Select 23 semester hours with a minimum of one course from each of the following groups:		23
Group I		
CHEM 3151K	Quantitative Analysis I	
CHEM 3250K	Biochemistry I	
CHEM 3221K	Physical Chemistry I	
Group II (select one sequence)		
PHYS 2221K & PHYS 2222K	Principals of Physics I and Principals of Physics II	
PHYS 1111K & PHYS 1112K	Introductory Physics I and Introductory Physics II	
Group III		
BIOL 3101K	Environmental Biology	
BIOL 3501K	Principles of Genetics	
BIOL 4701K	Cell and Molecular Biology	
Group IV		
CRJU 3420	Research Statistics	
SOCI 4300	Behavioral Statistics	
Area H: Forensic Science Courses		
FOSC 2120K	Forensic Photography	3
FOSC 2130K	Crime Scene Invst & Recon	3
FOSC 3020K	Forensic MIcroscopy of Trace	4
FOSC 3030	Criminal Evidence and Court Procedure	3
FOSC 4040K	Forensic Serology/DNA Tech I	3
FOSC 4050K	Forensic Chemistry	4
FOSC 4060K	SEM-EDAX of Trace Evidence	3
FOSC 4090K	Controlled Substance/Toxicolog	3
FOSC 4201K	Evidence Analysis/Research	3
FOSC 4999	Senior Capstone Seminar	3
Specialization Areas - select CRJU 1100 and 3 additional hours from below		*6*
CRJU 1100	Introduction to Criminal Justice (Required)	
FOSC 2140K	Crime Scene Invest & Recon II	
FOSC 3100K	Intern Forensic Sci DNA Typi	
FOSC 3200K	Bio Terrorism & Biotechnolgy	
FOSC 4080K	Forensic Serology/DNA Tech II	
FOSC 4120K	Electron Optics, EM/Quant Anal	
FOSC 4130	Expert Witness at Mock Trial	
FOSC 4140K	Fingerprint Technology	
FOSC 4150K	Evident Proc/Med Tech/Nur/Para	
FOSC 4160K	Evidence Collection in Scientific Crime Investigation (w/lab)	
FOSC 4170K	Ballistics of Firearms/Tool Mk	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1

HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

[1] For students who take MATH 1211 the extra credit hour will be applied to Area F.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Department of English, Modern Languages, and Mass Communication

The Department of English, Modern Languages and Mass Communication offers Bachelor of Arts degrees in English and English Education. Additionally, it provides courses for the General Education program of the University and offers minors in English, Creative Writing, Technical Communication, Mass Communication and Spanish. Completion of an approved minor requires a minimum of 18 hours in designated 2000, 3000 and 4000 level courses in a discipline. The Department also provides graduate English courses for the Master of Education degree in English Education.

The Bachelor of Arts degree in English is designed primarily for individuals interested in pursuing graduate study in English or one of the many career options available, i.e. journalism, law, government service, public relations and technical or freelance writing. Included in the course of study is a major emphasis on both English and American literature, language, and the theory and practice of composition. Students in the program also have access to a variety of paid and non-paid internships, both locally and nationally, which serve to enhance their preparation for employment. The B.A. in English Education is designed to graduate excellent secondary school English teachers who are prepared to address the needs of students in today's classrooms. The departmental academic program also includes English to Speakers of Other Languages (ESOL) offered as learning support program to international students who need to improve their English Language proficiency for academic success.

Mass Communication Program

The Bachelor of Arts degree in Mass Communication prepares students for productive careers and advanced study in Mass Communication and related fields. The degree offers two concentrations — Public Relations and Media Arts (Radio TV, Film, Internet) - which are also designed to acquaint students with state-of-the-art technologies in Mass Communication and expand their career opportunities in a variety of traditional and emerging professions. Additionally, students matriculating in the program will complete required internships through university collaborations and partnerships with media agencies, business and industry.

Programs in the Department of English, Modern Languages, and Mass Communication

- Degree information for the Associate of Arts in Core Curriculum with an English Transfer Pathway (p. 154)

- #
- A
- B
- C
- D
- E (p. 172)
- F
- G
- H
- I
- J
- K
- L
- M (p. 172)
- N
- O
- P (p. 172)
- Q
- R
- S (p. 172)
- T
- U
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- Z

E

- English, Bachelor of Arts (p. 181)
- English, Minor (p. 182)

M

- Mass Communication, Bachelor of Arts (p. 182)
- Mass Communication, Minor (p. 183)

P

- Professional Writing, Minor (p. 183)

S

- Spanish, Minor (p. 184)

ENGL - English

ENGL 0999 - Support for English 1101 (1)

This supervised lab is designed to reinforce and refine grammatical and mechanical skills of students. It services as a review of basic principles of English usage including fundamentals of sentence patterns, grammar, punctuation and an introduction to the writing of short paragraphs and essays. Corequisite: ENGL 1101.

ARAB 1001. Elementary Arabic I. (3 Credits)
This course is a beginner's level of Modem Standard Arabic. Students will be expected to learn to speak using simple sentences, read, and write. Attention will be given to grammar and conjugations.

ARAB 1002. Elementary Arabic II. (3 Credits)
The second course in the elementary Arabic sequence, ARAB 1002 continues the introduction of students to the various cultures that use the language, with emphasis in developing oral and written skills in the target language.

COMM 1000. Cultural Diversity in Communication. (2 Credits)
This course emphasizes the patterns of public and interpersonal communication among and between ethnic groups and minority cultures globally with strategies and skills for improving the quality of those interactions. This class will deepen the understanding of communication as a social process using the course as a public speaking forum. Offered: All semesters.

COMM 1100. Human Communications. (3 Credits)
This course provides a broad approach to oral communication skills including intrapersonal, interpersonal, small group and public speaking. The course will also examine intercultural and mass communication. Offered: All semesters.

COMM 1110. Public Speaking. (3 Credits)
The organization of materials and the vocal and physical aspects of delivery in various speaking situations will be the focus of this course. Offered: All semesters.

COMM 2000. News Writing and Reporting. (3 Credits)
This course introduces basic concepts in news writing and teaches the basic skills of gathering information, including background research, interviews and observations, writing basic forms of news stories, including hard news and soft/feature stories, for both print and online media. Prerequisite: ENGL 1102. Offered: Fall and Spring.

COMM 2010. Survey of Mass Communication. (3 Credits)
This course presents the basic tenets of mass communication. It will provide insight into the different facets of mass communication, and how mass communication has been tied to contemporary culture. The course will provide insight into the different theories on media influence, and delve into the different media institutions, explore their history, and the political, social, and economic forces that shape contemporary media output. Prerequisite: ENGL 1102. Offered: Fall/Spring.

COMM 2025. Writing for the Media. (3 Credits)
Students will analyze and develop critical standards for radio/tv/film/Internet writing. Using basic script formats, students will prepare scripts in the appropriate mode. The student, under faculty supervision, will learn processes of creating a finished script that conforms to industry standards. Prerequisite: ENGL 1102. Offered: Fall/Spring.

COMM 2035. Fundamental Web and Graphics Design. (3 Credits)
A study of two-dimensional (2-D) design with emphasis on the visual communication design process. Topics include basic terminology and graphic design principles and introduction to fundamentals of design that lead to the discovery and comprehension of the visual language. Form, balance, structure, rhythm, and harmony are studied in black and white and in color. Various media will be used. This is the prerequisite course for the advanced publication design. Prerequisite: None. Offered: Fall, Spring.

COMM 3105. History of the Media. (3 Credits)
This course focuses on the historical development of the media. Students will acquire an in-depth understanding of how the media developed across the centuries, which events influenced these developments, and how the media shaped major events. By looking into the history of the media, students will also acquire a better understanding of the inner workings of media production and influence today. [Prerequisite: COMM 2010]. Offered: Spring.

COMM 3110. Communication Research. (3 Credits)
This course discusses avenues to identify issues or problems in the field of mass communication that warrant scientific research, and covers various mass communication research methods such as content analysis, surveys, and experiments. The primary focus is on formulating research questions and creating appropriate research designs. This course will involve class research projects that require student participation. [Prerequisite: COMM 2010] Offered: Fall.

COMM 3120. Media Aesthetics and Criticism. (3 Credits)
A course designed to provide the fundamentals of theory and aesthetics for media criticism. Participants will identify, conceptualize, and apply aesthetic components to analyze media messages. They will apply narrative structure and other frameworks to their analysis, and they will interpret how ideology and culture play a role in the process of meaning production. [Prerequisite: COMM 2010.] Offered: Fall.

COMM 3155. African American Images in the Media. (3 Credits)
This course will elaborate on the representation of African Americans in the media. African American Images in the Media will provide an introduction into theories of representation and present the development of African American images in the media over the last 5 decades. The course will also explore different themes within this representation, such as the images of African American families, the African American male and female in the media, African Americans in music, and the representation of African AMericans in the news. [Prerequisite: COMM 2010] Offered: Spring.

COMM 3160. Foundations of Strategic Communication. (3 Credits)
This course will elaborate on persuasive communication, including advertising, public relations, and propaganda, and the role these can play in altering opinions, attitude, and a behavior. The course provides students with insight into the psychological processed that play a role in the reception and possible influrence of persuasion communication. Students will also gain insight into the various strategies and techniques used in persuasive messages, and learn how to create their own persuasive communication campaign. Finally, the course will delve into the history of strategic communication, and explicate how various forms of persuasion have been used throughout the ages. [Prerequisite: COMM 2010] Offered: Fall.

COMM 3205. Introduction to Public Relations. (3 Credits)
This course explains what the profession of public relations is. It will provide an overview of the roles, functions, principles, practices, strategies, tactics, and effects of public relations, as well as the ethics and legal perspectives related to the PR profession. The course will also discuss how PR interacts with journalism, advertising, and other practices in both traditional and new media. [Prerequisite: COMM 2000 and COMM 2010] Offered: Fall.

COMM 3210. Writing for Public Relations. (3 Credits)
This course is for students to develop the writing skills necessary to succeed in a public relations career. Students will produce public relations materials in a variety of formats, including fact sheets, news releases, brochures, blogs, position papers, and others. This course is also designed to have students think critically about current events and how they relate to public relations practice. [Prerequisite: COMM 2000] Offered: Spring.

COMM 3240. Audience Analysis. (3 Credits)
In this course, students will learn about the key elements of mass communication: the audience. The course will address the basic nature and characteristics of media audiences, as well as various methods used to collect information about the audience. This course will familiarize students with the nature of audience responses, the psychological processes that underline the audience response, and how to establish media impact. [Prerequisite: COMM 2010] Offered: Spring.

COMM 3250. Intercultural Communication. (3 Credits)
This course is centered on the importance of communication in our daily lives, and how communication is both informed by and shapes our culture. In this course, students will be made aware of how their communication processes are influenced by their culture, and how these processes vary across cultures. Students will gain an understanding of the challenges and opportunities posted by cross-cultural communication, and they will learn how to communicate effectively across cultural boundaries. [Prerequisite: COMM 2010] Offered; Fall.

COMM 3270. Broadcast Journalism. (3 Credits)
This lecture-laboratory course is oriented to radio and television broadcasting. Emphasis is placed on gathering, analyzing, writing, editing, and presenting news. Studio and on-location tapings are required. [Prerequisite: COMM 2020] Offered: Fall.

COMM 3280. International Media Research. (3 Credits)
This course is offered as a study abroad (SA) course. It covers commonly used research methods in communication. Readings prior to the study abroad trip will be required. Practical cases in the context of study abroad program will be used to illustrate how research may be applied to solve problems and enhance understanding of the international media and audiences. [Prerequisite: COMM 2010] Offered: Summer.

COMM 3310. Fundamentals of Visual Communication. (3 Credits)
Students will become familiar with how news and entertainment photos are made and edited for publication in media including newspapers, magazines, electronic media, and web sites. The course will provide students with an understanding of the history of photojournalism and its role in media organizations; how to operate a camera; the ability to edit photos for publication, including selecting, cropping, and cutline writing; and a basic understanding of photo composition. Legal and ethical issues regarding photojournalism are addressed along with learning the ability to produce basic, publishable photographs. [Prerequisite: COMM 2000] Offered: Fall.

COMM 3320. Fundamentals of Audio Production. (3 Credits)
A lecture and laboratory course that introduces students to the properties and production of sound, and how to record, edit, and mix audio. The student will acquire skills related to writing and announcing for the ear, console operation and signal flow, and recording technologies and formats. They will also acquire knowledge regarding audio aesthetics, production genres, and conventions for radio and other audio media. [Prerequisite: COMM 2020] Offered: Fall.

COMM 3330. Advanced Communication Skills. (3 Credits)
Analysis and application of interpersonal, small group, and mediated communication skills as effective speaking, listening, negotiation, conflict management, presentation, and media interviewing. Pre-requisite: COMM 1110 (C or better) or COMM 1100 (C or better)

COMM 3360. Media Advertising and Sales. (3 Credits)
Introductory survey of basic processes, strategies, and techniques for producing, selling, and evaluating advertising. Emphasis on consumer and marketing research, media advertising campaigns, marketing plans, media ratings, audience analysis, and media buying plans. [Prerequisite: COMM 2010] Offered: Spring.

COMM 3380. Sports Communication. (3 Credits)
Introduction to the field of sports writing and broadcast. Students will have a variety of assignments ranging from general sports coverage to play-by-play reporting of athletic events. Students will demonstrate an overall understanding of sports communication and the standards that pertain to it. Students will investigate and report various sports materials including reporting, interviewing, profiles, features, and related statistical information; prepare and participate in sporting events in areas of announcing, producing, etc.; prepare PR and promotional kits for sports teams and organizations; and undestand the sports business in the United States and internationally. [Prerequisite: COMM 2000] Offered: Spring.

COMM 3445. Fundamentals of Video Production. (3 Credits)
This course is designed to acquaint the student with the operation and use of video production equipment and facilities. The student will have the opportunity to reach a competent level in basic video production areas. The course is organized as an introduction to television production with emphasis on: the use of video production, working within production studios, duties and responsibilities of the production crew, and visualization/design concepts for video. [Prerequisite: COMM 2025] Offered:Fall.

COMM 4140. Philosophy and Ethics of Communication. (3 Credits)
This course will introduce students to the philosophical foundations utilized in the field of mass communication. It will discuss the historical development of mass communication ethics and explore issues faced by mass communication practitioners and organizations in today's postmodern society. Through class discussion and case studies, students will learn how to utilize critical reasoning to resolve ethical dilemmas common in the media industry. [Prerequisite: COMM 2010] Offered: Spring.

COMM 4160. Media Programming & Management. (3 Credits)
Overview of basis of media programming and management including models relating to management theory, personnel goals, communicational organization, and media programming plans and formats appropriate for current organizations. [Prerequisite: COMM 2020] Offered: Spring.

COMM 4205. Theories and Strategies in Emerging Media. (3 Credits)
This course will survey new and emerging forms of media, and address theory, concepts, and strategies surrounding their development and impact. This course will critically examine the role that new media play in social change, and rely on case studies to elaborate on the use and impact of these newly emerging media. [Prerequisite: COMM 2010] Offered: Spring.

COMM 4210. PR Cases & Campaigns. (3 Credits)
This course is an undergraduate seminar in the creation of strategic communication campaigns. Students will study the operation and objectives of effective public relations using a case-study approach. Concepts to be covered include defining a campaign and expressing creativity, as well as identifying goals, objectives, and the target audience for a campaign. [Prerequisite: COMM 3200] Offered: Spring.

COMM 4215. PR Management & Administration. (3 Credits)
For both managers in PR firms and PR leaders across industries, the insights and skills to understand, coordinate all internal and external stakeholders, resources, and logistics are essential to the success of PR campaigns, the effectiveness of crisis management, and the long-term organizational health of the PR apparatus. This course will analyze the role of public relations in corporations, it will also discuss the management of public relations in other types of organizations such as non-profits, communications agencies, and government institutions. The importance of community and stakeholder relationship management will be emphasized. [Prerequisite: COMM 3200] Offered: As Needed.

COMM 4225. Communication Law. (3 Credits)
Study of various laws affecting American media. Students examine the concepts of freedom of speech and press, specific laws and alternative interpretations of those laws, federal regulatory agencies rights in news and advertising, libel slander, copyrights, and invasion of privacy. [Prerequisite: COMM 2010] Offered: Fall.

COMM 4240. Crisis Communication. (3 Credits)
As communication technology and the proliferation of news outlets instantly informs the public about organizational missteps, organizations need to be aware of their reputation before, during, and after crises. This course will discuss what constitutes and causes organizational crises, how to avoid crises, what to do when a crisis hits, and how to learn from past crises and prevent future problems. [Prerequisite: COMM 3200] Offered: Fall.

COMM 4250. Brand Journalism. (3 Credits)
Brand journalism is not only shaking up traditional views of brand management, it is also shaking up traditional views of journalism. It is content creation using journalistic skills. In this course, the future PR practitioners will learn to think like a journalist in creating evolving, multidimensional stories on behalf of the brands while asserting direct engagement with audiences and fans, bypassing the mediating news professionals. [Prerequisites: COMM 2000 and COMM 3200] Offered: Spring.

COMM 4260. International Strategic Communication. (3 Credits)
The next generation of public relations students must be equipped with strategic communication skills to work in a global environment. Through a combination of research projects, discussions, and case studies, the course will cover a variety of global issues, including diversity of news and mass communications, emerging trends in global business communication and media, advances in technology, global sources and systems of communication, cultural contexts, ethical and legal issues, and the role and impact of advertising and public relations in the global marketplace. [Prerequisites: COMM 3160 or COMM 3200] Offered: Summer.

COMM 4280. Cases on Emerging Media. (3 Credits)
This course is offered as a study abroad (SA) course. It covers current important issues and phenomena in the new and emerging media. Case study is the primary approach to this class. Theoretical foundations are discussed and applied to the explaining and understanding of the cases. Comparisons will be made between the popular and emerging media in the study abroad host country and those in the United States. [Prerequisite: COMM 2010] Offered: Fall.

COMM 4320. Radio Programming and Production. (3 Credits)
Advanced level course in the radio profression that studies the methods of programming strategies, advanced techniques in production, presentation, planning, ratings, formats, and audience analysis. Includes techniques in sound and music effectiveness in all radio content and methods. [Prerequisite: COMM 3320] Offered: Spring.

COMM 4340. Advanced Video Production. (3 Credits)
This is an advanced level course in video production, designed to give the student a practical experience as a producer and director of video narratives, documentaries, and other forms. The course is composed of production assignments, production meetings, lectures, demonstrations, screenings, and discussions. [Prerequisite: COMM 3340] Offered: Spring.

COMM 4350. Narrative Film Making. (3 Credits)
Examines the art of dramatic, comic, action, and suspense filmmaking and provides practical opportunities for students to prepare scripts, storyboards, direction, and to film, edit, and produce original fictional works. [Prerequisite: COMM 3340] Offered: Spring.

COMM 4355. Documentary Film Making. (3 Credits)
The pre-production, production, and post-production of audio and video documentaries. Hypothesize and comprehend the uses and purposes of media production and theories and applications included in the roles of director, producer, and editor; promote the development of the producer in the area of production techniques, and cultivate producer skills such as negotiating, client relations, budgeting, etc. through field production, post-production, and evaluation. [Prerequisite: COMM 3340] Offered: Spring.

COMM 4510. Media Seminar. (3 Credits)
Must be a senior to enroll. This course for graduating seniors provides students an opportunity to apply theories and techniques to practical experiences in their areas of concentration. It is a research seminar. Seniors must successfully complete an approved final project that will be presented both orally and in writing to be judged by a jury of faculty in the department. In consultation with their advisors, students may select a topic for their research during the first semester. Research projects should reflect the career or academic interests of the students. [Prerequisite: Senior Status]. Offered: Fall, Spring.

COMM 4530. Directed Study. (3 Credits)
A project designed by the student and a radio-television-film faculty member who agrees to work with the student to meet specific and individual needs. Directed study requires the student to complete extensive readings and writing assignments. [Prerequisites: Junior or Senior Status and permission of instructor] Offered: Fall.

COMM 4550. Special Topics. (3 Credits)
A specially-designed course(s) providing students an opportunity to pursue scholarly and practical work in an area of major interest under the guidance of members of the mass communication faculty. Specific goals and objectives permit students to take specialized course subjects pertinent to current needs and desires. [Prerequisite: At least junior standing] Offered: Spring.

COMM 4570. Internship. (3 Credits)
Part-time placement in professional media facilities in Albany and other cities. Emphasis is on learning overall business structure and developing skills for entry-level decision-making positions. [Prerequisites: At least junior standing or instructor permission] Offered: Fall, Spring.

ENGL 1101. English Composition I. (3 Credits)
Designed to teach the mechanics of expression and the development and organization of ideas into paragraphs and essays. [Prerequisite: SAT Verbal Score of 430 or Exit from Learning Support.] Offered: All semesters.

ENGL 1101E. English Composition I. (3 Credits)
English Composition 1101-E is designed to help students become skilled thinkers, writers and communicators who can compose for a variety of disciplines and rhetorical contexts. The students will be required to enroll in the 3 hours of Enhanced Writing Lab activities to reinforce writing proficiency. Offered: All Semesters.

ENGL 1101H. Honors Humanities I. (3 Credits)
This Honors course in Freshman English focuses on literary types, critical and interpretive writing and research. Students will be exposed to concentrated and individualized work in writing with emphasis on thematic or aesthetic approaches. Prerequisite: Admission to the Honors Program. (Students may be eligible to take the Regents' Test upon successful completion of course.)

ENGL 1102. English Composition II. (3 Credits)
A continuation of ENGL 1101, focusing on rhetorical modes and guided development of the research paper.[[Prerequisite: ENGL 1101.] Offered: All Semesters.

ENGL 1102H. Honors Humanities II. (3 Credits)
This course emphasizes the study of literary types, critical and interpretive writing and research. It focuses on continued development of writing of argumentative, comparative and analytical essays. The concepts of literature's place in the humanities in relationship to other art forms will be explored. Prerequisite: Admission to Honors Program and completion of ENGL 1101H.

ENGL 2000. Intro to Fiction Writing. (3 Credits)
This course is a workshop for writers with little or no experience in writing fiction. The class focuses on the elements of fiction: beginnings and endings, setting, plot, dialogue, voice, image, character, point of view, structure, and theme. Students will read and discuss fiction by major writers, critique each other's works, and write and revise two short stories. The goal is to tap into students' most valuable assets, language and its power to tell a story that both entertains and convinces. Offered: Fall, Spring.

ENGL 2105. Creative Writing. (3 Credits)
Practical experience in imaginative writing, creating original works and developing style and voice through writing and criticism. [Prerequisites: ENGL 1101, ENGL 1102, ENGL 2111 and ENGL 2112.] Offered: Fall, Spring.

ENGL 2106. Producing and Editing Tech Doc. (3 Credits)
Students will study the theories and practices associated with the production of user documents, instructional manuals, and other media. This course also offers a broad view of editing as a profession and focuses on editors as project managers. Students will also learn about the roles of editors in various contexts, including work groups, organizations, small presses, and publishing houses. [Prerequisite: ENGL 1101 and 1102] Offered: Fall, Spring.

ENGL 2111. World Literature I. (3 Credits)
A survey of the masterpieces of Western literature from Homer to the Renaissance period. [Prerequisite: ENGL 1102.] Offered: Fall, Spring.

ENGL 2111H. Honors Humanities III. (3 Credits)
This course is a critical and analytical study of humanity's/humankind's world achievements (literature, art and music) in the Western World from the Renaissance to the present. Prerequisites: Admission to the Honors Program and completion of ENGL 1102H.

ENGL 2112. World Literature II. (3 Credits)
A continuation of ENGL 2111, with emphasis on masterpieces from the Renaissance to the Modern Period. [Prerequisite: ENGL 2111.] Offered: All Semesters.

ENGL 2112H. Honors Humanities IV. (3 Credits)
A study of contemporary literature, art and music with emphasis on both Western and non-Western cultures. Prerequisites: Admission to the Honors Program and completion of ENGL 2111H.

ENGL 2121. Survey of British Literature I. (3 Credits)
ENGL 2121 is a study of British literature from its beginning through the eighteenth century. This time span covers the Old English period, the Middle Ages, the Early Modern period, the Metaphysical and Cavalier eras, and the Restoration and Neoclassical periods. Works studied may include those of the Beowulf poet, Chaucer, Spenser, Shakespeare, Marlowe, Milton, Donne, Marvell, Dryden, Pope, and Swift. As we study these texts, issues, and ideas, you will develop an understanding of major British literary works of these periods; the ability to write with clarity, precision, and accuracy and to analyze and interpret literature; and the ability to conduct research carefully and systematically and to incorporate that research into your own interpretation of literature. Offered: Fall, Spring.

ENGL 2122. Survey of British Literature II. (3 Credits)
A study of British Literature from the late eighteenth century to the present, encompassing the Romantic, Victorian, and Modern periods. Works studied include those of Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, Yeats, Lawrence, and Joyce. Prerequisite: ENGL 1102 with a grade of "C" or better. Credits: 3 (3-0-3)

ENGL 2131. Survey/American Literature I. (3 Credits)
The study of American literature from colonial days through the American Revolution and into the mid-nineteenth century. Authors from those periods include Anne Bradstreet, Phyllis Wheatley, Poe, Emerson, Thoreau, Frederick Douglas, Walt Whitman and others. Offered: Fall, Spring.

ENGL 2132. American Literature II. (3 Credits)
This course is a survey of American literature from the mid-nineteenth century to the present. This course is not intended for English majors. Offered: Fall, Spring.

ENGL 2141. African-American Literature I. (3 Credits)
ENGL 2141 is a study of African-American literature from the beginnings of the colonization of North America in the seventeenth century to the Harlem Renaissance (1920). Major authors of this period include: Olaudah Equiano, Phillis Wheatley, Sojurner Truth, Harriet Jacobs, William Wells Brown, Fredrick Douglass, Charlotte Forten Grimke, Charles W. Chesnutt, Booker T. Washington, W.E.B. DuBois, James Weldon Johnson, Paul Laurence Dunbar, William Stanley Braithwaite and others. Prerequisite: ENGL 1102 with a grade of "C" or better. Corequisite: None. Offered: On demand.

ENGL 2142. African-American Literature II. (3 Credits)
ENGL 2142 is a study of African-American literature from the Harlem Renaissance (1920) to the present day. Major authors of this period include: Zora Neale Hurston, Claude McKay, Langston Hughes, Richard Wright, Ralph Ellison, Gwendolyn Brooks, Audre Lorde, Amiri Baraka, Sonia Sanchez, Lucille Clifton, Larry Neal, Maya Angelou, Toni Morrison, Yusef Komunyakaa, Rita Dove and others. Prerequisite: ENGL 1102 with a grade of "C" or better. Corequisite: None. Offered: On demand.

ENGL 2167. Doc Design, Usability & Testin. (3 Credits)
Students will study the elements of layout, design, and typography techniques used by technical communicators. They will practice with short and long print texts and with non-print media. [Prerequisite: ENGL 1101 and ENGL 1102] Offered: Fall, Spring .

ENGL 2204. Advanced Composition. (3 Credits)
Advanced theory and practice in writing expository prose, with Emphasis on the relationship between structure and style in essay writing. [Prerequisites: ENGL 1101, ENGL 1102 and ENGL 2111 and ENGL 2112.] Offered: Fall, Spring.

ENGL 2298. Survey of English Literature I. (3 Credits)
A general survey of the works in British literature from the Beginning through Milton and the and the English Civil War. Prerequisite: ENGL 2406. Offered: Fall Semester.

ENGL 2299. Survey of English Literature II. (3 Credits)
A general survey of the works in British Literature from the Restoration period through the early 20th century. Prerequisite: ENGL 2298. Offered: Spring Semester.

ENGL 2341. Lit./Perf. Elements Spoken Wor. (3 Credits)
This course will examine the literary aspects of spoken word poetry through the study of the oral tradition, the Black Arts Movement, and contemporary literary influences. It will also include the study of the art form's development since the late 1960's and 70's thrugh examining influences, such as blues, jazz, and hip-hop. The course will also develop and enhance the skills of student performers of spoken word poetry. Offered: Fall, Spring.

ENGL 2406. Literary Forms. (3 Credits)
An introduction to genres, methods, and critical approaches to literature, with emphasis on writing about literature. Prerequisite: ENGL 2111. Offered: Fall, Spring.

ENGL 2425. The Short Story. (3 Credits)
Development of the short story as a literary form; analysis of its techniques from the works of representative authors. Prerequisite: ENGL 2406. Offered: Spring.

ENGL 2550. Poetry. (3 Credits)
Major developments in English and American poetry, with focus on the analysis of the techniques of representative authors. [Prerequisite: ENGL 2406.] Offered: Fall.

ENGL 2702. Tech Comm for the Busn World. (3 Credits)
This course will develop writing skills used in a business setting. It will focus on proposal and grant writing, case studies, interviews and narratives, and research writing. Additionally, students will actively engage with business publications in discussions that analyze domestic and international business topics. [Prerequisite: ENGL 2106 and ENGL 2167] Offered: Fall, Spring.

ENGL 3106. Technical Writing. (3 Credits)
An examination of the elements of writing, particularly as they apply to the sciences, business and industry, and other technologically-related fields. Prerequisite: ENGL 2204. Offered: Spring, Summer.

ENGL 3170. Writ and Designing for the Web. (3 Credits)
Students will examine how users read on the web, how authors should write their web pages, and how to design rich, appropriate content for web sites. In so doing, this course offers practice in the use of HTML, graphics, and presentation software. Students will also learn Style Sheets in constructing web sites. By abalyzing how on-line communities organize, use, and distribute knowledge and information, students will evaluate and build web sites that communicate simply and effectively. [Prerequisite: ENGL 2106 and ENGL 2167] Offered: Fall, Spring.

ENGL 3204. Rhetoric and Adv Writing. (3 Credits)
An advanced level writing course that emphasizes rhetorical, linguistic and stylistic devices employed by effective writers to explain, describe, narrate, evaluate, and persuade. [Prerequisites: ENGL 1101, 1102, & 2111.] Offered: Fall, Spring.

ENGL 3301. Multicultural Language and Literature. (3 Credits)
Multicultural Language and Adolescent Literature examines the elements of various cultures especially language. Offered: Fall, Spring.

ENGL 3305. Modern Grammar. (3 Credits)
Study of the methods and techniques of modern and traditional grammar, and grammatical analysis. Prerequisite ENGL 1101 and ENGL 1102. Offered: Fall, Summer.

ENGL 3311. Survey of American Literature I. (3 Credits)
This course surveys significant and representative authors, movements and genres from the beginnings through the Colonial and Romantic periods. [Prerequisite: ENGL 2406.] Offered: Fall.

ENGL 3312. Survey of American Literature II. (3 Credits)
This course surveys American literature for the Civil War to the present. Prerequisite: ENGL 3311. Offered: Spring.

ENGL 3405. Professional & Tech Writing. (3 Credits)
An advanced writing course focusing on the elements of effective writing, particularly as they apply to business and the professions.

ENGL 3603. Development of the Novel. (3 Credits)
A survey of global trends and techniques through the study of major novels of representative writers. Prerequisite: ENGL 2406. Offered: All Semesters.

ENGL 3613. The Modern Novel. (3 Credits)
A study of major novels in English, from the turn of the twentieth-century to the present. Prerequisite: ENGL 2406.

ENGL 3707. Chaucer. (3 Credits)
A study of Chaucer's life, times and major works. [Prerequisite: ENGL 2298.] Offered: All Semesters.

ENGL 3708. The American Novel. (3 Credits)
Development of the novel as a literary art form in America. Special attention will be given to form, theme, and aesthetic quality through the study of major and pivotal novels. [Prerequisite: ENGL 2406.] Offered: All Semesters.

ENGL 3721. Tech Comm for the Envir & Heal. (3 Credits)

ENGL 3732. Contemorary Issues in Tech Com. (3 Credits)
Students will study a varriety of contemporary issues in technical communication through reaidng various texts and reviewing digital media. This course gives students an awareness of the challenges and successes in technical commuication and equips them to deal with them. [Prerequisite: ENGL 2016 and ENGL 3170. Offered: Fall, Spring.

ENGL 3790. African-American Literature I. (3 Credits)
A survey of works by representative authors of African American literature from the oral tradition through the Harlem Renaissance. [Prerequisite: ENGL 2406] Offered: Fall.

ENGL 3791. African American Literature II. (3 Credits)
A survey of major authors in African American literature from the 1930's to the present. Focus on writers of the post World War II, Black Arts and contemporary periods. Offered: Fall.

ENGL 3799. Special Topics in African American Literature. (3 Credits)
An examination of topics in African American literature, including the study of various periods. (e.g., slave narratives, the Harlem Renaissance, the Black Arts movement), genre development (e.g., the African American novel, the short story and poetry), and the study of major authors. [Prerequisites: ENGL 2406.] Offered: Fall.

ENGL 3825. Caribbean Literature. (3 Credits)
A survey of Caribbean literature in various genres, with special Emphasis on the relationship between Caribbean literature and culture. Poetry, prose and drama will be selected from the colonial and postcolonial independence periods. [Prerequisite: ENGL 2406.] Offered: Fall.

ENGL 3845. African Literature. (3 Credits)
A survey of African Literature, including the dynamics of Interaction between African culture and literature in various genres. Poetry, prose and drama will be selected from the pre-colonial, colonial and post-colonial era. [Prerequisite: ENGL 2406.] Offered: Spring.

ENGL 3890. Writing for Science and Techn. (3 Credits)
The purpose of this course is to provide students with an understanding of how to present different kinds of business related information to specialists and to non-specialist audiences. While the curse will focus primarily onwritten communication, other aspects of professional discourse will also be examined, such as legal aspects of professional communication, the use of media and graphics in professional communication practices, research techniques related to professional writing, report design, and formatting. [Prerequisite: ENGL 2106, US and ENGL 2167 and ENGL 2702 US. Offered: Fall, Spring.

ENGL 3998. Undergraduate Research. (2 Credits)
Research on a specific topic under the close supervision of an instructor. Emphasis on student's learning research process and presentation techniques. Offered: All Semesters.

ENGL 4102. Technical Comm in Intl. Cont. (3 Credits)
This course will cover the cross cultural writing that one deals with when writing for an international audience; it will also address translation. Students will earn about the intricacies of culture and writing the business world. They will look ad documentaries, read literature, and examine websites, brochures, and business proposals in the global market. [Prerequisite: ENGL 4106 and ENGL 2106] Offered: Fall, Spring.

ENGL 4110. instructional and Curr Design. (3 Credits)
This course will cover the visual rhetoric that goes into creating technical materials. It provides an introduction to the theory and techniques used by technical communicators. This course will also cover elements oflayout, design, and typography, giving students practice with short and long print texts and non-print texts and non-print media. It will also examine possibilities for curricular and instructional design in the schools and explore innovative strategies for instruction. [Prerequisite: ENGL 2167 and ENGL 3721 and ENGL 3722] Offered: Fall, Spring.

ENGL 4112. Practicum for Technical Commun. (3 Credits)

ENGL 4304. History of the English Language. (3 Credits)
Study of the development of the English language from the fifth century, emphasizing the philological changes which have occurred and their relationship to modern English. [Prerequisite: ENGL 2298.] Offered: Fall.

ENGL 4600. Shakespeare. (3 Credits)
Study of Shakespeare's greatest plays and sonnets, with attention to the background of the Elizabethan period. [Prerequisite: ENGL 2406.] Offered: Spring.

ENGL 4611. British REnaissance and Reform. (3 Credits)
British literature of the sixteenth and seventeenth centuries up to the English Civil War, with the emphasis on writers such as the lyric, metaphysical, and cavalier poets, non-Shakespearean dramatists, and representative authors including More, Sidney, Spenser, and John Milton. [Prerequisite: ENGL 2298, ENGL 2299] Offered: All Semesters.

ENGL 4631. Restoration and 18th Century. (3 Credits)
Survey of significant and representative authors, movements, and genres, including the rise of the novel. The course covers material from the Restoration in 1660 to the beginnings of Romanticism in 1785. [Prerequisites: ENGL 2298 & ENGL 2299] Offered: All Semesters.

ENGL 4651. Brit 19th Century Literature. (3 Credits)
Examines the Romantic and Victorian periods form 1785 to 1990 with attention to the continuing development of the novel and the Romantic theories of poetry, scientific and social discourse, gender and educational issues. [Prerequisites: ENGL 2298 & ENGL 2299.] Offered: Fall.

ENGL 4908. Literary Criticism. (3 Credits)
Basic principles of literary criticism and major theories of criticism, their origin and development. [Prerequisite: ENGL 2406.] Offered: Spring.

ENGL 4950. Introduction to Women¿s Literature. (3 Credits)
A study of select writing by women authors, focusing on themes, genres, and major works with attention to historical and cross-cultural contexts. [Prerequisite: ENGL 2406.] Offered: Fall, Spring.

ENGL 4955. Modern Drama. (3 Credits)
A survey of major movements and trends in drama from the late nineteenth century to the present. [Prerequisite: ENGL 2406] Offered: All Semesters.

ENGL 4980. Internship. (3 Credits)
Off-Campus, on-the-job observation and training for students pursuing professional communications work in a variety of traditional and non-traditional careers appropriate to the English discipline. Junior or senior level standing or consent of instructor. [Prerequisite: ENGL 2406.] Offered: All Semesters .

ENGL 4990. Selected Topics. (3 Credits)
Seminar on special topics in literature and languages, including themes, authors, ideas, movements, genres, and rhetoric and composition, may be conducted on an interdisciplinary basis. Prerequisite: 30 hours above 2000 level. Up to three selected topics can be taken with different subject matter. [Prerequisite: ENGL 2406] Offered: Fall, Spring .

ENGL 4995. Senior Seminar I. (1 Credit)
An advanced research methods course designed to guide students through the literary research process, emphasizing an organized approach to critical research in literature. The student will produce an annotated bibliography for a seminar topic. [Prerequisite: 30 hours of courses at or above the 2000 level.] Offered: Fall.

ENGL 4996. Senior Seminar II. (1 Credit)
Under the direction of a faculty member, each student will develop a seminar paper in MLA format to be delivered at a senior colloquium, exhibiting student research strengths and interests. [Prerequisite: 40 hours at or above the 2000 level.] Offered: Spring.

FREN 1001. Elementary French I. (3 Credits)
Fundamental skills with emphasis on oral aspects of language learning and intensive and extensive use of structural patterns, dialog, oral drills and exercises. Language Laboratory required.

FREN 1002. Elementary French II. (3 Credits)
Fundamental skills with emphasis on oral aspects of language learning and intensive and extensive use of structural patterns, dialog, oral drills and exercises. Language Laboratory required.

FREN 1101. Elementary French I. (3 Credits)

FREN 1102. Elementary French II. (3 Credits)

FREN 1103. Elementary French. (3 Credits)

FREN 1136. Applied French. (3 Credits)
Applied French is a career-oriented course designed to develop bilingual/bicultural competence needed by students in the fields of business, law, medicine, education and other related areas. Audio-lingual exercises, role play, lab assignments and conversations with French informants.

FREN 1137. Applied French. (3 Credits)
Applied French is a career-oriented course designed to develop bilingual/bicultural competence needed by students in the fields of business, law, medicine, education and other related areas. Audio-lingual exercises, role play, lab assignments and conversations with French informants.

FREN 2001. Intermediate French I. (3 Credits)
The student is guided in achieving some proficiency in oral communication while developing a degree of skill in reading and writing. Aspects of French Life and culture are presented through use of selected reading materials, real discussions. Prerequisite: FREN 1002 or equivalent.

FREN 2002. Intermediate French II. (3 Credits)
The student is guided in achieving some proficiency in oral communication while developing a degree of skill in reading and writing. Aspects of French life and culture presented through use of selected reading materials, real discussions. Prerequisite: FREN 1002 or FREN 1102.

FREN 2201. Intermediate French. (3 Credits)

FREN 2202. Intermediate French. (3 Credits)

FREN 2203. Intermediate French. (3 Credits)

FREN 2204. French Phonetics. (3 Credits)
An analysis of the French sound system and fundamentals of French pronunciation, with attention to syllabication, intonation, articulation, and individual difficulties. A minimum of two hours of language laboratory per week.

FREN 2205. Introduction to French Literature. (3 Credits)
Introduction to French Literature is designed to introduce and examine the essential works in the literature of France from the Middle Ages to the latter part of the nineteenth century, the major literary movements in French literature, and the elements involved in literary and critical analysis.

FREN 3308. Elementary French Conversation. (3 Credits)
Development of the student's vocabulary and fluency in oral expression. Designed to provide systematic practice in understanding and speaking grammatically sustained speech in the French language on topics taken from the text, the student's daily activities and from cross-cultural issues.

FREN 3309. Advanced French Grammar. (3 Credits)
Designed to address advanced problems in grammar and syntax, written exercises, free compositions, and translations.

FREN 3310. French Composition/Conv. (3 Credits)
Techniques in composition and literary analysis, using prose masterpieces in French. Prerequisite(s): FREN 330.

FREN 3311. Introduction to Afro-French Literature and Culture. (3 Credits)
Study of the main contributions of Afro-French literature and culture through understanding works of drama, poetry, and prose of French-speaking Black authors. Prerequisite: FREN 1102 or reading knowledge of French.

FREN 3312. French Civilization. (3 Credits)
Study of the main contributions of the French from the view point of sociological, educational, political and cultural contributions to western civilization. Prerequisite: FREN 2202 or consent of instructor.

FREN 3313. French Civilization. (3 Credits)

FREN 3314. 17th Century French Drama. (3 Credits)
A study of the representative plays of Corneille, Racine and Moliere. Prerequisite: FREN 2202 or consent of instructor.

FREN 4401. French Literature. (3 Credits)
Development of poetry, prose and drama, 17th century philosophical and religious prose and Fables of LaFontaine. Prerequisite: FREN 3312 or consent of instructor.

FREN 4404. 18th Century French Literature. (3 Credits)
Philosophical ideas and literary conventions in the works of Montesquieu, Voltaire, Diderot and Rousseau and the theater of Lesage, Marivaux and Baumarchais. Prerequisite: FREN 3312 or consent of instructor.

FREN 4405. 19th Century French Literature. (3 Credits)
Romanticism, Realism and Naturalism in the novel from Constant to Zola, the theater of Hugo and Musset and Romantic and symbolist poetry. Prerequisite: FREN 4401 and 4404 or consent of instructor.

FREN 4406. 20th Century French Literature. (3 Credits)
Study of the representative plays of Corneille, Racine and Moliere. Prerequisite: FREN 2202 or consent of instructor.

FREN 4407. The French Novel. (3 Credits)
A study of the origin and development of the novel in France with attention given to significant novels from its beginning to the present time.

FREN 4409. French Seminar 1. (1 Credit)
A major project course in which French majors research, develop and present their senior paper. Required of all graduating seniors.

FREN 4410. French Seminar II. (1 Credit)
A capstone course designed to assist students in synthesizing their knowledge and reinforcing the skills they have acquired in the French major and culminating with a senior comprehensive. Required of all graduating seniors.

FREN 4495. Study Abroad. (3 Credits)
Study of language and culture in a native (French speaking) environment for students involved in a Study Abroad Program.

FREN 4496. Study Abroad. (3 Credits)
Study of language and culture in a native (French speaking) environment. For students involved in a Study Abroad Program.

GRMN 1001. Elementary German I. (3 Credits)
An oral approach to the language, with fundamentals of grammar and emphasis on conversation, supplemented by oral-aural drills in the language laboratory.

GRMN 1002. Elementary German II. (3 Credits)
An oral approach to the language, with fundamentals of grammar and emphasis on conversation, supplemented by oral-aural drills in the language laboratory. Prerequisite: GERM 1001 or its equivalent.

GRMN 1121. Elementary German I. (3 Credits)

GRMN 1122. Elementary German II. (3 Credits)

GRMN 1123. Elementary German. (3 Credits)

GRMN 2001. Intermediate German I. (3 Credits)

GRMN 2002. Intermediate German II. (3 Credits)

GRMN 2200. Scientific German. (3 Credits)
Designed for students in the sciences who need a functional knowledge of the scientific phase of the language. Prerequisite: GRMN 1001. By request.

GRMN 2220. Scientific German. (3 Credits)

GRMN 2221. Intermediate German I. (3 Credits)
This course is a continuation of the elementary sequence. Emphasis is on oral communication with grammar and vocabulary taught in context and the culture of the German-speaking world presented using interactive activities, discussion, and readings.

JAPN 1001. Introduction to Japanese I. (3 Credits)
An oral approach to the language, with fundamentals of grammar and emphasis on conversation, supplemented by oral-aural drills in the language laboratory.

JAPN 1002. Introduction to Japanese II. (3 Credits)
A continuation of Japanese 1001 that further develop listening, speaking, reading and writing skills in Japanese while including cultural, historical, and literary components. Prerequisite: Japanese 1001.

JAPN 2001. Intermediate Japanese I. (3 Credits)
JAPN 2001 is a continuation of JAPN 1002 and includes intermediate grammar, expansion of vocabulary and continued practice in conversation, writing, and reading and further extension of Japan related issues. Prerequisite: JAPN 1002 or equivalent with a grade of C or higher. Offered: Fall.

JAPN 2002. Intermediate Japanese II. (3 Credits)

LATN 1001. Elementary Latin I. (3 Credits)
LATN 1001 is an introduction to listening, speaking, reading, writing, and translating Latin and to the culture and history of the Roman world/era. Prerequisite: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Corequisite: None. Offered: On demand.

LATN 1002. Elementary Latin II. (3 Credits)
LATN 1002 is a continuation of LATN 1001 with continued listening, speaking, reading, writing, and translating in Latin and with an orientation to the culture and history of the Roman world/era. Prerequisite: LATN 1001 or equivalent Corequisite: None. Offered: On demand.

LATN 2001. Intermediate Latin I. (3 Credits)
LATN 2001 continues LATN 1002 and includes a review of idiomatic expressions and tenses as well as an introduction of new vocabulary, syntactical structures, and grammatical concepts. Studies of vocabulary and grammar are integrated with cultural and historical events to enhance understanding of the Roman world. Prerequisite: LATN 1002 or equivalent. Corequisite: None. Offered: On demand.

LATN 2002. Intermediate Latin II. (3 Credits)
LATN 2002 continues LATN 2001 and includes an expansion of vocabulary and more complex syntactical structures and grammatical concepts. Emphasis is placed on improving translation and reading skills, students are introduced to original Latin prose and poetry texts, and the Roman cultural and historical legacy is examined in depth. Prerequisite: LATN 2001 or equivalent. Corequisite: None. Offered: On demand.

LATN 2003. Intermediate Latin III. (3 Credits)
LATN 2003 is a study of lexical items, grammatical structures, and syntactic and linguistic concepts of the Latin language. The student will read and translate original Latin texts, study Latin poetic meters, and examine the history associated with texts and the language. Prerequisite: LATN 2002 or equivalent. Corequisite: None. Offered: On demand.

MACO 2202. Advanced News Writing/Reporting. (3 Credits)
A lecture and laboratory course which places emphasis on writing various types of news stories. The course is designed for students concentrating in journalism or public relations. Students will be required to publish articles in an approved periodical. Prerequisites: Basic News Writing/Reporting. Credit: 3 semester hours.

MACO 3210. Public Opinions and Propaganda. (3 Credits)
This course will elaborate on the concept of propaganda, persuasive communication in general, and the role these can play in shaping public opinion. It will commence with defining persuasion as well as propaganda, and link these definitions to contemporary examples of propaganda and persuasion. Students will also be made aware of the various strategies and techniques used in propaganda messages, and learn to recognize how different propaganda strategies are used in different social, economic, and political situations. The course will also delve into the history of propaganda, and explicate how propaganda and persuasion has been used throughout the ages. Finally, the course will discuss the psychology behind persuasive messages.
Prerequisite: MACO 2001

MACO 3320. History of Journalism. (3 Credits)
This course focuses on the historical development of journalism. Students will acquire an in-depth understanding of how journalism developed across the centuries, which events influenced news reporting, and how journalistic activities influenced certain major events. Students will also gain insight into how the arrival of each medium shaped journalism as we know it today. By looking into the history of news making, students will also acquire a better understanding of the inner workings of journalism.
Prerequisites: MACO 2001.

MACO 3340. Interpretative Reporting. (3 Credits)
An advanced writing course which focuses on developing the student's analytical and news writing skills for coverage of such governmental bodies as the schools, courts and city, county, and state agencies. Students will be assigned to cover actual news events and be given instruction in how to analyze the causes of news events through interviewing and the persistent searching of records. Students will be required to publish articles in an approved periodical. Prerequisite: MACO 2001 and MACO 3301.

MACO 3351. Feature Writing. (3 Credits)
A lecture and laboratory course which focuses on developing the skills in researching, organizing, and writing all types of feature stories for newspapers and magazines. Students are required to publish articles in an approved periodical. Prerequisite: MACO 2001 and MACO 3301.

MACO 3360. Newspaper Production. (3 Credits)
This course offers a thorough understanding of principles and skills involved in producing a newspaper or magazine. It combines theory with production activities. Students will be taught the organization of a newspaper and its functions as well as headline writing, copy editing, and layout and design. Prerequisites: MACO 2001 and MACO 3301 .

MACO 4498E. Internship. (3 Credits)
Part-time placement in professional media facilities in Albany and other cities. Emphasis is on learning overall business structure and developing skills for entry-level decision-making positions. Prerequisites: Senior status in major and permission of Instructor. Credit: 3 semester hours.

MDLG 1001. Elementary Yoruba I. (3 Credits)
Introduction to the Yoruba language and culture and general Nigerian culture. Emphasis on elements of Yoruba through oral and written exercises, pronunciation, conversation and reading, culture, geography and daily living.

MDLG 1161. Elementary Yoruba. (3 Credits)

MDLG 1162. Elementary Yoruba. (3 Credits)

MDLG 1163. Elementary Yoruba. (3 Credits)

MDLG 2206. Introduction to Descriptive Linguistics. (3 Credits)
A scientific approach to language as one aspect of human behavior reflecting individual, social and cultural personality, analyzed according to it's internal structure through elements of expression, phonemes, morphemes and syntax. Special attention to given to the structure of English.

MDLG 2260. Intro to Descript Linguistic. (3 Credits)
A scientific approach to language as one aspect of human behavior reflecting individual, social and cultural personality, analyzed according to it's internal structure through elements of expression, phonemes, morphemes and syntax. Special attention given to the structure of English.

English, Bachelor of Arts

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
ENGL 2112	World Literature II	3
ENGL 2298	Survey of English Literature I	3
ENGL 2299	Survey of English Literature II	3
ENGL 2406	Literary Forms	3
Select 6 semester hours of the following, to be selected in sequence:		6
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
GRMN 2001	Intermediate German I	
GRMN 2002	Intermediate German II	
Requirements for the Major		
Area G - Major Requirements		
ENGL 3311	Survey of American Literature I	3
ENGL 3312	Survey of American Literature II	3
ENGL 3305	Modern Grammar	3
ENGL 3613	The Modern Novel	3
ENGL 3790	African-American Literature I	3
ENGL 3791	African American Literature II	3
ENGL 4304	History of the English Language	3
ENGL 4600	Shakespeare	3
ENGL 4651	Brit 19th Century Literature	3
ENGL 4908	Literary Criticism	3
ENGL 4995	Senior Seminar I	1
ENGL 4996	Senior Seminar II	1
Elective Courses		
Select at least 12 semester hours of the following:		12
ENGL 2105	Creative Writing	
ENGL 2204	Advanced Composition	
ENGL 2425	The Short Story	
ENGL 2550	Poetry	
ENGL 3106	Technical Writing	
ENGL 3204	Rhetoric and Adv Writing	
ENGL 3603	Development of the Novel	
ENGL 3707	Chaucer	
ENGL 3708	The American Novel	
ENGL 3799	Special Topics in African American Literature	
ENGL 3825	Caribbean Literature	
ENGL 3845	African Literature	
ENGL 3998	Undergraduate Research	
ENGL 4611	British REnaissance and Reform	
ENGL 4631	Restoration and 18th Century	
ENGL 4950	Introduction to Women¿s Literature	
ENGL 4955	Modern Drama	
ENGL 4980	Internship	
ENGL 4990	Selected Topics	
Free Electives or Minor		16
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
ENGL 2112	World Literature II	3
EDUC 2110	Investigating Critical and Contemporary Issues in Education	3
EDUC 2120	Exploring Socio-Cult Perspective	3
EDUC 2130	Exploring Teaching and Learning	3
EDUC 2199	Orientation to Education	0
Select 6 semester hours of the following:		6
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
GRMN 2001	Intermediate German I	
GRMN 2002	Intermediate German II	
Requirements for the Major		
Area G: Major Requirements		
ENGL 2298	Survey of English Literature I	3
ENGL 2299	Survey of English Literature II	3
ENGL 2406	Literary Forms	3
ENGL 3311	Survey of American Literature I [1]	3
ENGL 3312	Survey of American Literature II [1]	3

ENGL 3613	The Modern Novel [1]	3
ENGL 3790	African-American Literature I [1]	3
ENGL 3791	African American Literature II [1]	3
ENGL 4304	History of the English Language [1]	3
ENGL 4600	Shakespeare [1]	3
ENGL 4908	Literary Criticism [1]	3
ENGL 4996	Senior Seminar II	1
Area H: Major Requirements		
SPED 3230	Contemporary Perspectives	3
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
EDUC 4412	Student Teaching in Senior High School	12
EDUC 4420	Methods of Teaching English	3
EDUC 4428	Teaching Comp in Sec Schools	3
EDUC 4441	The Teaching of Reading in the Secondary School	3
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		125

1 Prerequisite ENGL 2406

2 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

English, Minor

Code	Title	Semester Hours
The following courses are required for a minor in English Literature:		
ENGL 2112	World Literature II	3
ENGL 2406	Literary Forms	3
ENGL 2298	Survey of English Literature I	3
or ENGL 2299	Survey of English Literature II	
ENGL 3311	Survey of American Literature I	3
or ENGL 3312	Survey of American Literature II	
ENGL 3790	African-American Literature I	3
or ENGL 3791	African American Literature II	
One ENGL elective at the 3000 level or above		3
Total Semester Hours		18

Mass Communication, Bachelor of Arts

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
COMM 2000	News Writing and Reporting	3
COMM 2010	Survey of Mass Communication	3
COMM 2025	Writing for the Media	3
COMM 2035	Fundamental Web and Graphics Design	3
Modern Languages		
Select 6 semester hours of the following:		6
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
GRMN 1001	Elementary German I	
GRMN 1002	Elementary German II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
Requirements for the Major		
Area G - Major Requirements		
COMM 3110	Communication Research [2]	3
COMM 3120	Media Aesthetics and Criticism	3
COMM 3310	Fundamentals of Visual Communication	3
COMM 3320	Fundamentals of Audio Production	3
COMM 3445	Fundamentals of Video Production	3
COMM 4160	Media Programming & Management	3
COMM 4510	Media Seminar	3
COMM 4570	Internship	3
Area H: Mass Communication Electives [2, 3]		
Select 9 semester hours from 3000 Level Courses		9
COMM 3105	History of the Media	
COMM 3160	Foundations of Strategic Communication	
COMM 3155	African American Images in the Media	
COMM 3270	Broadcast Journalism	
COMM 3360	Media Advertising and Sales	
COMM 3380	Sports Communication	
Select 9 semester hours from 4000 Level Courses		9
COMM 4225	Communication Law	
COMM 4340	Advanced Video Production	
COMM 4140	Philosophy and Ethics of Communication	
COMM 4205	Theories and Strategies in Emerging Media [3]	
COMM 4320	Radio Programming and Production	
COMM 4350	Narrative Film Making	
By permission of the Department Chair only. May substitute for courses in 4000 section only		
COMM 4530	Directed Study	
COMM 4550	Special Topics	
Directed Minor [1]		18
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		123

1 The Mass Communication Program recommends that students enroll in a minor of 15-18 credit hours from another discipline (Marketing, Business, Theater, Art, etc.). Students may also forgo a minor in another discipline and take COMM electives equaling 15-18 credit hours if they wish. All students MUST declare their intentions to enroll in a minor or choose the COMM electives option by receiving prior approval from the Department Coordinator.

2 The Study Abroad courses – These alternative courses may substitute for predetermined courses in the standard COMM Curriculum if students participate in the Study Abroad program. COMM 3280 International Media Research (SA) may substitute for COMM 3110 or a course in Area H.

[3] The Study Abroad courses – These alternative courses may substitute for predetermined courses in the standard COMM Curriculum if students participate in the Study Abroad program. COMM 4280 Cases on Emerging Media (SA) may substitute for COMM 4205 or a course in Area H.

[4] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
COMM 2000	News Writing and Reporting	3
COMM 2010	Survey of Mass Communication	3
COMM 2025	Writing for the Media	3
COMM 2035	Fundamental Web and Graphics Design	3
Modern Languages		
Select 6 semester hours from the following:		6
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
GRMN 1001	Elementary German I	
GRMN 1002	Elementary German II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
Requirements for the Major		
Area G - Major Requirements		
COMM 3110	Communication Research [2]	3
COMM 3160	Foundations of Strategic Communication	3
COMM 3205	Introduction to Public Relations	3
COMM 3210	Writing for Public Relations	3
COMM 4140	Philosophy and Ethics of Communication	3
COMM 4205	Theories and Strategies in Emerging Media [3]	3
COMM 4510	Media Seminar	3
COMM 4570	Internship	3
Area H: Mass Communication Electives [2, 3]		
Select 3 courses from the following		*9*
COMM 3155	African American Images in the Media	
COMM 3250	Intercultural Communication	
COMM 3270	Broadcast Journalism	
COMM 3310	Fundamentals of Visual Communication	
COMM 3360	Media Advertising and Sales	
COMM 3380	Sports Communication	
Select 9 semester hours from the following		9
COMM 4210	PR Cases & Campaigns	
COMM 4215	PR Management & Administration	
COMM 3240	Audience Analysis	
COMM 4240	Crisis Communication	
COMM 4250	Brand Journalism	
COMM 4260	International Strategic Communication	
By permission of the Department Chair only. May substitute for courses in 4000 section only.		
COMM 4530	Directed Study	
COMM 4550	Special Topics	
Directed Minor [1]		18
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		123

[1] The Mass Communication Program recommends that students enroll in a minor of 15-18 credit hours from another discipline (Marketing, Business, Theater, Art, etc.). Students may also forgo a minor in another discipline and take COMM electives equaling 15-18 credit hours if they wish. All students MUST declare their intentions to enroll in a minor or choose the COMM electives option by receiving prior approval from the Department Coordinator.

[2] The Study Abroad courses – These alternative courses may substitute for predetermined courses in the standard COMM Curriculum if students participate in the Study Abroad program. COMM 3280 International Media Research (SA) may substitute for COMM 3110 or a course in Area H.

[3] The Study Abroad courses – These alternative courses may substitute for predetermined courses in the standard COMM Curriculum if students participate in the Study Abroad program. COMM 4280 Cases on Emerging Media (SA) may substitute for COMM 4205 or a course in Area H.

[4] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Mass Communication, Minor

Code	Title	Semester Hours
The following courses are required for a minor in Mass Communication:		
COMM 2000	News Writing and Reporting	3
COMM 2010	Survey of Mass Communication	3
COMM 3155	African American Images in the Media	3
COMM 3445	Fundamentals of Video Production	3
COMM 3320	Fundamentals of Audio Production	3
Choose one guided elective from the following courses:		3
COMM 3210	Writing for Public Relations	
COMM 2025	Writing for the Media	
Total Semester Hours		18

Professional Writing, Minor

With the increasing need for effective communication in various fields of study, the Department of English, Modern Languages and Mass Communication offers two minor fields of study in English Literature and Professional Writing. These minors complement a variety of majors in Pre-Law, Criminal Justice, Business, Political Science, History, or else in the Technical, Social Service or Teaching Fields.

Each minor requires a minimum of 18 hours above the CORE English courses requirement, and each course must be completed with a grade of “C” or better.

Code	Title	Semester Hours
Required Courses		
ENGL 2105	Creative Writing	3
ENGL 2204	Advanced Composition	3
ENGL 3106	Technical Writing	3
ENGL 3204	Rhetoric and Adv Writing	3
In addition, two guided electives (6 hours) are required from the following list:		6
ENGL 2406	Literary Forms	
ENGL 3305	Modern Grammar	
COMM 2000	News Writing and Reporting	
COMM 3205	Introduction to Public Relations	
COMM 3210	Writing for Public Relations	
COMM 3120	Media Aesthetics and Criticism	
Total Semester Hours		18

Spanish, Minor

A total of 18 hours are required above the SPAN 1000 level for the Spanish minor and each course must be completed with a grade of C or better.

Code	Title	Semester Hours
The following four courses are required for a minor in Spanish:		
SPAN 2001	Intermediate Spanish I	3
SPAN 2002	Intermediate Spanish II	3
SPAN 2120	Spanish Conversation I	3
SPAN 2220	Hispanic Culture and Civilization	3
Choose two courses from the following list:		6
SPAN 3001	Survey of Spanish Literature	
SPAN 3002	Survey of Spanish Literature II	
SPAN 3110	Spanish Phonetics	
SPAN 3120	Spanish Conversation II	
SPAN 3335	Spanish Composition and Reading	
SPAN 3420	Advanced Grammar and Composition	
SPAN 4001	Survey of Spanish American Literature I	
SPAN 4002	Survey of Spanish American Literature II	
SPAN 4550	Contemporary Spanish American Novel	
SPAN 4563	Spanish Nineteenth and Twentieth Century	
SPAN 4565	Spanish American Nineteenth and Twentieth Century Narrative Fiction	
SPAN 4773	Spanish and Spanish American Poetry	
SPAN 4833	Golden Age	
SPAN 4885	Nineteenth Century Drama	
Total Semester Hours		18

Department of History, Political Science, and Interdisciplinary Studies

The Department of History, Political Science & Public Administration offers three majors at the baccalaureate level, one in the area of history, one in the area of political science, and one as a double major in history and political science. The majors in history and political science are designed to prepare researchers for graduate work, government service or industry. A student who majors in history or political science must complete a minimum of 48 semester hour courses beginning at the 2000 level.

History and Political Science Minors

Minor programs are offered in History, Political Science, Pre-Law, International Affairs, Public Administration, and African/African-American Studies. Each minor program consists of 18 semester hours beyond the core requirements. The programs prepare students for professional careers and advanced study in History, Political Science, Law, and Public and Private Sector Administration. Internship experiences in Political Science and Public Administration are available.

Pre-Law Program

The Department of History, Political Science, and Public Administration has an excellent Pre-Law Program that is grounded in the tradition of a sound liberal arts education. Our Pre-Law advisors are experienced in guiding students in course selection and providing pertinent information about law schools of the Law Admission Council. There is a non-credit tutorial program that offers instruction in preparing for the Law School Admission Test (LSAT). The LSAT preparation course utilizes lectures, discussions and in-class exercises of past questions. Participation is open to all students.

The requirements for entrance to law school can be satisfied in one of several majors. Two, three or four years in a B.A. or B.S. degree can comprise the pre-law program.

Interested students should select a degree program and electives that will help them to attain the following objectives:

1. Fluency in written and spoken English;
2. The ability to read difficult material with rapidity and comprehension;
3. A solid background in American history and government;
4. A broad basic education in social and cultural areas;
5. A fundamental understanding of business, including basic account procedures; and
6. The ability to reason logically.

Programs in the Department of History, Political Science, and Interdisciplinary Studies

- Degree information for the Associate of Arts in Core Curriculum with a History Transfer Pathway (p. 154)
- Degree information for the Associate of Arts in Core Curriculum with a Political Science Transfer Pathway (p. 154)

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- African American Studies, Minor (p. 191)

H

- History, Bachelor of Arts (p. 191)
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I

- Interdisciplinary Studies, Bachelor of Arts (p. 192)
- International Affairs Minor (p. 192)

O

- Organizational Leadership, Bachelor of Science (p. 193)

P

- Political Science, Bachelor of Arts (p. 194)
- Political Science, Minor (p. 195)
- Pre-Law, Minor (p. 195)
- Public Administration, Minor (p. 195)

HIST 1002. Introduction to the African Diaspora. (2 Credits)
A study of the peoples and cultures of African descent throughout the African Diaspora, especially in Africa, the Caribbean, South America and the United States. Emphasis on the political, social and cultural institutions that have contributed to the development of African Diaspora peoples and cultures.

HIST 1011. History of Civilization I. (3 Credits)

HIST 1012. History of Civilization II. (3 Credits)

HIST 1013. History of Civilization III. (3 Credits)

HIST 1111. Survey of World History I. (3 Credits)
A survey of World History to early modern times.

HIST 1111H. Honors World History I. (3 Credits)
A survey of the development and diffusion of civilization from the origin of humanity/humankind in Africa and ancient times to the end of the sixteenth century. This course is offered with a view of creating an understanding and appreciation for the economic, social, cultural and political foundation of western civilization in the ancient, medieval and early modern periods.

HIST 1112. Survey of World History II. (3 Credits)
A survey of the development and diffusion of civilization from the origin of humanity/humankind in Africa and ancient times to the end of the sixteenth century. This course is offered with a view of creating an understanding and appreciation for the economic, social, cultural and political foundation of western civilization in the ancient, medieval and early modern periods. Offered: Fall.

HIST 1112H. Honors World History II. (3 Credits)
A survey of the development and diffusion of civilization from the origin of humanity/humankind in Africa and ancient times to the end of the sixteenth century. This course is offered with a view of creating an understanding and appreciation for the economic, social, cultural and political foundation of western civilization in the ancient, medieval and early modern periods. Offered: Fall.

HIST 1121. Survey of West Civ I. (3 Credits)

HIST 1122. Survey of West Civ II. (3 Credits)

HIST 1151. Honors Survey of World Hist II. (3 Credits)

HIST 2111. Survey of American History I. (3 Credits)
A survey of American History to the post-Civil War period.

HIST 2112. Survey of American History II. (3 Credits)
A survey of American History from the post-Civil War period to the present.

HIST 2113. Minorities in America. (3 Credits)
A survey of selected minority groups and their contributions in the development of the United States.

HIST 2115. African American History. (3 Credits)
A survey of African-American history beginning with the African background and moving through the 20th century to the present.

HIST 2116. American Military History. (3 Credits)
A survey of American Military History from the Revolutionary War to the present.

HIST 2117. Intro to Public History. (3 Credits)
A lecture and practical experience course for the history major or other student who wishes to learn about the field of public history. The course will be conducted in the classroom, with a component of Web-based study, and in area museums and related public history sites. Major topics of study will include archives and archival pro- cedures, museums and museum operations, historic preservation, Na- tional Register criteria, historic interpretation, oral history, and local and family history. This course will give students the opportunity to explore a field of history beyond the traditional realms teaching and publishing. As the area of public history is currently expanding, it may provide career opportunities for students who have an interest in history but who do not wish to follow the traditional paths of teaching in secondary schools or institutions of higher learning.

HIST 3201. Historical Survey of Abrahamic Religions. (3 Credits)

HIST 3202. History of Christianity I. (3 Credits)

HIST 3203. History of Christianity II. (3 Credits)

HIST 3204. History of Judaism. (3 Credits)

HIST 3205. History of Islamic Cultures. (3 Credits)
Must be enrolled in one of the following Class(s): junior, senior. An evaluation of the emergence of Islam as a religious force in the seventh century. A review of the social, economic and political histo- ries of the lands stretching from India to Spain which converted to Islam between the eighth and twentieth centuries. *Can apply to European or Non-Western History sections.

HIST 3206. Slavery in Ancient and Modern Worlds. (3 Credits)
A study of slavery-the practices, the process, and the slave trade- from the time of Neolithic man through the current epidemics of slavery in Africa and Asia. A narrative approach will trace the prac- tice through cultures – Mesopotamian, Egyptian, Chinese, Indian, Persian, Roman, Viking, Native American, Arabic, African, etc. – and make reference to the part slavery played in the economic de- velopment of the world's cultures and societies. Particular attention will be paid to the survival of slavery in the post-emancipation era of the 1800s and its dramatic resurgence in the 20th and 21st centuries. This course will give students the opportunity to place the American slave and emancipation experience in the broader context of slavery throughout the world, and alert them to the continued existence and growth of the practice in regions of the modern world.

HIST 3301. Historical Methods I. (3 Credits)
This course engages students with the wide variety of recent approaches used to study the past. The books and essays we will read have all made significant contributions to the field of history as a whole, and will cover as wide a methodological, geographical, and chronological field as possible in the span of one semester. The course explores how historians conceive of their object of study, how they use primary sources as a basis for their accounts, and how they structure the narrative and analytic discussion of their topic. We will also discuss and debate the advantages and drawbacks of each of these various approaches, and ultimately, the strengths and weaknesses of their arguments.

HIST 3302. Historical Methods II. (3 Credits)
Problems of oral history, documenting, photograph assessment and primary evidence research Required of all history majors.

HIST 3403. History of Georgia. (3 Credits)
A survey of the political, social and economic history of Georgia from colonial times to the present.

HIST 3404. Diplomatic History of the United States. (3 Credits)
A survey of the development of American foreign policy and diplomatic crises involving the United States and foreign nations from the birth of the Republic down to the 20th Century.

HIST 3405. Civil War and Reconstruction. (3 Credits)
An analysis of the origins of the Civil War, the War itself and the Reconstruction Period.

HIST 3406. Directed Reading in European History. (3 Credits)
A readings course for the history major or for any other student who wishes to improve his/her historical knowledge in any era of European history. The course can be conducted as a seminar class or biweekly appointments between the professor and the student. The course will be supervised by the ASU professor who normally teaches courses in European history. This course is designed to im- prove the student's thinking and writing skills by having him/her ac- tually "read" history. For history and pre-law majors, it will be an essential background for the self-direction and first-rate reading comprehension needed in both graduate school and law school.

HIST 3408. Directed Reading in Non-Western History. (3 Credits)
A readings course for the history major or for any other students who wishes to improve his/her historical knowledge in any era of non-Western (most especially African, Latin American, and East Asian) history. The course can be conducted as a seminar class or by weekly appointments between the professor and the student. The course will be supervised by the ASU professor who normally teaches courses in non-Western history. This course is designed to improve the student's thinking and writing skills by having him/her actually "read" history. For history and pre-law majors, it will be an essential background for the self-direction and first rate reading comprehension needed in both graduate school and law school.

HIST 3510. Classical History. (3 Credits)
A social, and political history of Greece and Rome. This course will focus on the birth of western civilization, democracy, philosophy, history, and drama in Greece and will also deal with the emergence of international law, political institutions, and science within the roman republic and empire. This course will also focus on the birth of Christianity in the Roman empire and the transmutation of western civilization in the states of barbarian Europe of the fifth century. This course will complete a set of three courses (the other two being HIST 3518 and HIST 3519), which treat the development of western Europe from ancient time through the fall of Rome. All of these courses will apply to the Europe concentration. This course will perfect the student's skill as an investigator and historian by forcing he/she to choose a certain topic in Greek or Roman history and thoroughly research them both. papers and examinations.

HIST 3513. Modern Europe. (3 Credits)
Catalog Description: This course is a comprehensive look at the development of Modern Europe, from the French Revolution to the present. It will deal with political, economic, cultural, and social history in this time frame.

HIST 3514. English History I. (3 Credits)
Traces the development of England from ancient times through the Stuart dynasty.

HIST 3515. English History II. (3 Credits)
A study of England from the Stuart dynasty to the present.

HIST 3516. The Intellectual Tradition of Modern Europe. (3 Credits)
A survey of the intellectual tradition of Modern Europe from the Scientific Revolution of the seventeenth and eighteenth century to the emergence of post-modernism in the twenty-first century.

HIST 3517. Social History of Modern Europe. (3 Credits)

HIST 3518. The European Middle Ages. (3 Credits)
A survey of Europe from the fall of the western Roman empire to the fall of the Byzantine empire in the fifteenth century. This course focuses on the religious, political, cultural and economic development of Western Europe.

HIST 3519. The Age of European Renaissance, Reformation and Reconnaissance. (3 Credits)
The history of Europe from 1453 to 1648 with emphasis on the religious, political, cultural, and intellectual developments which underpinned the changes in early modern European life.

HIST 3520. Diplomacy/Internat'l Relations. (3 Credits)
This course is the study of Diplomacy and International Relations in Europe from the Renaissance to the end of the 20th century. It begins with the foundations of diplomacy, including power, who makes policy decisions for states, and the development of the system based on a balance of power. It then moves through European history to chart the major changes in the practice of diplomacy and international relations.

HIST 3630. Spanish History. (3 Credits)
A social, economic, and political history of the peoples of the Iberian Peninsula which will focus on the emergence of celtiberian civilization, Roman, Visgothic, Muslim, and Christian Spain. This course will thoroughly discuss the era of the Siglo de Oro (sixteenth century), that of the "decline of Spain" (seventeenth and eighteenth centuries), the birth of modern Spain (nineteenth century), and the destruction and rebirth of the modern Spanish state (twentieth century). This course will complete a set of two courses (the other one being HIST 3631) which treat the development of the Spanish state and it American empire and will serve as the history components of the Latin American certificate.

HIST 3631. History of Latin America. (3 Credits)
A study of the exploration and colonization of Latin America, the record of the struggle for independence, and the establishment and growth of the independent states in this section of the Western Hemisphere.

HIST 3632. History of Russia. (3 Credits)
A survey of Russia from the Kievan and Muscovite periods through the Soviet era, the 19th Century revolutionary movement, the Revolutions of 1905 and 1917, and the establishment and the development of Soviet Russia under Lenin and Stalin. *Can apply to European or Non-Western History sections.

HIST 3633. The Revolution in Modern History. (3 Credits)
Examines the origins, spread, and consequences of the revolutionary experience in select countries during modern times. *Can apply to American, European or Non-Western History sections.

HIST 4301. Senior Seminar I. (3 Credits)
This course is the culmination of academic work as a history major. The course is divided into three main parts: (1) researching and writing the senior paper under the guidance of a faculty member who will act as advisor; (2) participating in in the departmental seminar series; and (3) making an oral presentation of the research before the departmental faculty, students, friends, and family at the end of the semester.

HIST 4302. Senior Seminar II. (3 Credits)
Culminating experience in the History Program. Students engage in individual research or an original endeavor on a problem or a proj- ect of special interest. Qualified history majors shall enroll for two consecutive semesters during which time they shall develop and defend a research paper. Required of all history majors.

HIST 4402. Directed Readings in American History. (3 Credits)
A readings course for the history major or for any other student who wishes to improve his/her historical knowledge in any era of American history. The course can be conducted as a seminar class or bi- weekly appointments between the professor and the student. The course will be supervised by the ASU professor who normally teaches courses in American history. This course is designed to im- prove the student's thinking and writing skills by having him/her ac- tually "read" history. For history and pre-law majors, it will be an essential background for the self-direction and first-rate reading comprehension needed in both graduate school and law school.

HIST 4403. The Afro-Americans in America Thought. (3 Credits)
A survey of the Afro-American's impact upon the intellectual history of the United States.

HIST 4404. The History of the South. (3 Credits)
Institutional approach to the political, economic and social development of the region, and a critical analysis of conditions, problems and trends of the South, with some attention on History of Georgia.

HIST 4405. Contemporary America, 1945-Present. (3 Credits)
A study of major forces-political, social and economic that have molded contemporary America.

HIST 4406. The Civil Rights Era. (3 Credits)
A senior level course in the development and progress of the civil rights struggle in the era after World War II.

HIST 4611. Studies in African History. (3 Credits)
An interdisciplinary survey of African civilization, with emphasis on modern Africa.

HIST 4612. Studies in African Diaspora. (3 Credits)
A survey of the origin of African cultural, economic, and political institutions. Examines the origin and operation of the Atlantic Slave Trade, as well as compares and analyzes chattel slavery in various New World societies.

HIST 4613. East Asian History. (3 Credits)
Study primarily of China and Japan from ancient times to the present.

HIST 4614. Race/Politics in U.S.. & The Caribbean. (3 Credits)
This course is a comparative study of the economic, social, political, cultural, and artistic experiences of people of African descent, in the United States and the Caribbean as they fought to acquire civil rights and political independence from the oppressive political systems in which they lived from the 1900 to the 1970s. Emphasis will be placed on the politics of emancipation, and the establishment of civil rights organizations in the U.S., slavery and emancipation in the Caribbean, and the birth of Caribbean independence movements. Attention will also be given to Pan-African linkage between Africa, the Caribbean, and the United States. *Can apply to American or Non-Western History sections.

HIST 4814. Women/Politics Cross Culturally. (3 Credits)
A survey of women and politics globally from a cross-cultural perspective the course offers a comparative, historical overview of the field of women and politics.

HIST 4815. Intro to Global Terrorism. (3 Credits)
This course traces the historical development and evolution of terrorism globally through time, with emphasis on the present. This course pertinent at this time, especially since 9/11, because terrorism is fast becoming a part of our everyday lives.

HIST 4820. Special Topics in History. (3 Credits)
This course is aimed at alerting students not only to the current events that occupy the attention of world leaders, but also to the complex interplay of historic, cultural, environmental, economic, and political factors that account for global upheavals, harmonies, and apprehensions. The transitory nature of the world - marked by the break-up of the former Soviet Union, the systematic diminution of state sovereignty, globalization, narco-trafficking, terrorism, and the AIDS pandemic - makes these exciting times to study politics. This course is deliberately designed to challenge students to develop critical reading, analytical thinking, and moral reasoning.

HIST 4824. Pol Economy of Africa/Carrib. (3 Credits)

PADM 2601. Intro to Public Administration. (3 Credits)
Fundamental principles of administration, application to governmental operations, administrative organization, budgeting, planning, administrative law, personnel management, career service, conditions of public employment and labor relations. Prerequisite: POLS 1101 with a grade of "C" or better. Offered: On demand.

POLS 1101. American Government. (3 Credits)
The course is an introduction to essentials of national government in the United States including modules on political institutions, elections, and political culture. The course also includes a module on the Georgia State government. This course satisfies the legislative requirement for U.S. History, U.S. Constitution, Georgia History, and Georgia Constitution.

POLS 1101H. Honors American Government. (3 Credits)
An introductory course covering the essentials of national government in the United States. This course gives some attention to the State of Georgia and satisfies the state law requiring an examination of United States history and Constitution.

POLS 1105. Current World Problems. (2 Credits)
An introduction to the political issues that transcend national boundaries such as the environment, population, immigration, nuclear proliferation, terrorism, religion, natural resources, etc. Corequisite: None. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: On demand.

POLS 2101. Introduction to Political Science. (3 Credits)
A survey of different areas of political science, basic concepts and approaches to the study of Political Science, the nature of the state, government and law in society.

POLS 2102. Introduction to Law. (3 Credits)
Introduction to the nature of the law; legal mechanisms and judicial processes underlying American jurisprudence.

POLS 2104. Introduction to Globalization. (3 Credits)
As we enter the second decade of the twenty-first century, the world in which we live is defined by two intertwined trends; constant rapid change, and interdependence between different parts of the world. Due to the continuous rapid developments of technologies in trade, travel, and communications, the world is now a global village in which boundaries are shrinking and interconnections are expanding. With this globalization comes the necessity for literacy about other societies, cultures, and countries and the common issues faced by the global community. To introduce students to the high-velocity, geopolitical border permeable, interconnected world that is blurring the lines of social, political, economic and cultural boundaries.

POLS 2105. Introduction to Professional Legal Writing. (3 Credits)
This course explores writing methods appropriate to the legal profession. It emphasizes critical reading, logical thinking, cogent analysis and argument, and clear, exact language. Introduction to Professional Legal Writing is not designed to teach substantive law, rather, the course provides an opportunity to develop skills in expository and argumentative writing. Students will develop strong legal writing skills including precision and clarity, legal citation and format, drafting of law office and trial memoranda, trial court briefs, appellate briefs, and abstracting depositions.

POLS 2106. Introduction to Legal Research. (3 Credits)
This course provides students with a practical understanding of the types of legal authority, including how to access and use them in print and online formats. Advantages and disadvantages of online and print resources will be covered as each type of authority is discussed. Methods for making research more efficient will also be discussed.

POLS 2201. American State & Local Govt. (3 Credits)
Organization, structure, and operation of American state and local governments, with Georgia used as a basis for study. Corequisite: None. Prerequisite: POLS 1101 with a grade of "C" or better. Offered: On demand.

POLS 2301. Intro. to Comparative Politics. (3 Credits)
A comparative survey of the politics and structure of government in major nation-states. Corequisite: None. Prerequisite: POLS 1101 with a grade of "C" or better. Offered: On demand.

POLS 2401. Introduction to Global Issues. (3 Credits)
An overview of the structure and processes of the international political-economic system, including topics such as economic and social interdependence, international trade, war and power, oil politics, green politics and the problems associated with developing countries. Corequisite: None. Prerequisite: POLS 1101 with a grade of "C" or better. Offered: On demand.

POLS 3200. Pol, Law and Soc in Africa. (3 Credits)

POLS 3201. Public Policy. (3 Credits)
An analysis of diverse public policy issues, as well as the decision process leading to the formulation of government policy. An analysis of societal factors that influence policy, and the effect of government policy on society.

POLS 3301. Methodology. (3 Credits)

POLS 3303. Methodology. (3 Credits)

POLS 3511. Comparative Government. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior A survey of political structures, institutions, and ideologies of major governmental systems. This course also analyzes the decision-making processes, political conflicts and change, and group interactions. Theories and basic concepts that political scientists use in comparative analysis.

POLS 3600. Intro to Public Administration. (3 Credits)
A focus on the study of public administration processes and underlying theories within American government structures. Emphasis is on the pragmatic aspects of current government leadership and public agency management.

POLS 3601. Political Science Methods II. (3 Credits)
This course helps students understand the process and components of research methods in social sciences, especially in poltical science. It covers topics such as empirical research, research questions, hypotheses, research design, data collection, data analysis, and ethical issues in conducting research. It focuses on practical examples and skills by which students can develop, design, and conduct empirical research.

POLS 3602. State and Local Government. (3 Credits)
A study of the forms and structures of state and local government, the formal and informal political and administrative processes of state legislatures, municipal chambers, and judicial bodies. This course also addresses social, community, economic, and political issues that are relevant to both types of government.

POLS 3608. Politics and Religion. (3 Credits)

POLS 3609. Amercan Foreign Policy. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. An analysis of the formulation and execution of American Foreign Policy, its purposes and trends. This course covers historical backgrounds, economic and political factors, domestic and international determinants, and major contemporary problems in American Foreign Policy. It also examines the roles of the major institutions such as the presidency, congress, and the media in the policy making process.

POLS 3610. Public Admin & Policy Form. (3 Credits)
Development of desktop publishing concepts and their application to the modern office. Basic, intermediate, and advanced features of a variety of application programs for page design will be used to create various business-related documents.

POLS 3611. Urban Politics. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Study of urban political processes concentrating on the problems of government and administration of cities, as well as key issues of public policy in the urban arena.

POLS 3612. African-American Politics. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. This course addresses the historic and contemporary roles that African Americans have played in the American political process from 1865 to the present. Designed to provide a holistic approach, this course explores the impact of slavery, political, social and economic movements, as well as the impact of key leaders in the civil rights movement and landmark legal decisions.

POLS 3614. The Presidency. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Nature and problems of presidential leadership, including the historical evolution of the office, contemporary power, and relationships with other institutions and agencies of government.

POLS 3616. Political Parties/Pressure Group. (3 Credits)
History, organization and functioning of American political parties and pressure groups, with emphasis upon their roles in the formation of public policy.

POLS 3617. The Legislative Process. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Introduces the elements of the legislative process, the role and behavior of lawmaking officials and interest groups with which they interact in the process of making law at the national and state levels.

POLS 3618. Elections & Electoral Behavior. (3 Credits)
Considers elections, electioneering in the American democratic process and current research on American electoral behavior.

POLS 3701. Judicial Process. (3 Credits)
Nature of the judicial process in the United States with special emphasis on the functions of the courts and court personnel in the pursuit of justice.

POLS 3702. American Constitutional History. (3 Credits)
Study of judicial interpretation of the Constitution of the United States, through the review of selected decisions of the United States Supreme Court.

POLS 3703. Constitutional Law I. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Federal system in Constitutional law. Uses a case by case approach to uncover the meaning and dimension of federalism.

POLS 3704. Constitutional Law II. (3 Credits)
Focus is on the Constitution and the individual. Treats basic rights of the individual in the Bill of Rights, the 14th, 15th and 19th Amendments, using a case by case approach.

POLS 3705. Trial Advocacy. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. A hands-on participatory course designed to introduce students to the planning, analysis and strategy in presenting civil and criminal litigation at the trial stage.

POLS 3706. Family Law. (3 Credits)

POLS 3707. Consumer and the Law. (3 Credits)

POLS 3708. Civil Rights & Minorities. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Constitutional rights as they pertain to minorities in American society, through a case-by-case approach.

POLS 3813. Public Administration. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Introduction to the basic theories of the administration of the public's business. Prerequisite: POLS 1101 or permission of instructor.

POLS 3815. Municipal Government. (3 Credits)
Forms and structures of municipal governments in America and the problems of administering the delivery of services to citizens.

POLS 3816. Org Behavior in Complex Societ. (3 Credits)

POLS 4190. Studies in American Pols. (3,6 Credits)

POLS 4200. Principles of Public Admin. (3 Credits)
An introductory examination of the characteristics of the public organization and its impact on society. Analysis of the theories of public administration, personnel issues, budgetary activities, legal dynamics, as well as historical development of the field are included.

POLS 4202. Interorganizational Behavior. (3 Credits)
This course is designed to provide an understanding of the dynamics of and the interrelationships among and between the federal, state, and local levels of government.

POLS 4204. Public Finance. (3 Credits)
A study of the equity and economic effects of government spending programs, taxes, and debt. The course is primarily applied microeconomics.

POLS 4210. Public Management. (3 Credits)
Various changes in the management of public organizations are identified and analyzed. Includes the role of technology, modification of the relationship between public and private spheres, and current trends in the management of change and supervision of a diverse work force.

POLS 4215. Mgmt of Non-profit Orgs. (3 Credits)
This course is designed to explore the theoretical principles and practical applications of management for charities and/or nonprofit organizations. The underlying thesis of this course is that by understanding fundamental principles such as developing effective mission and objectives statements, fundraising, marketing and accounting strategies, nonprofits can become more effective and responsive to their constituency's needs. The course will include a field research component.

POLS 4217. Grant Writing Nonprofit Orgs. (3 Credits)
This course introduces students to the world of grant-writing and management, and provides an opportunity to experience writing actual grants. Students will learn the process of identifying prospective funders, developing relationships with funders, understanding the basics of writing grants, submitting proposals, working as a collaborative, and preparing for the follow up. Students will apply course learning to write and prepare actual grant proposals.

POLS 4218. Project Mgmt in Public Sect.. (3 Credits)
This course will discuss the theory, principles, tools, and techniques necessary to build a solid project management foundation. The Project Management Institute's (PMI) standards for project management will be emphasized throughout the course.

POLS 4219. Public Human Resource Mgmt. (3 Credits)
This course will examine the processes, policies, procedures and laws concerning public personnel. It will also cover the issues of employee protection, motivation, efficiency and responsibility.

POLS 4220. Administrative Law and Government. (3 Credits)
This course introduces the student to the relationship between administrative law and American government as well as the ethics and challenges inherent in administrative law decision making. It is designed for undergraduates who are interested in public administration and public policy. Whiel the course reviews and discusses the cases that form the basis of administrative law, the focus is on the understanding and application of principles rather than case law.

POLS 4221. Gov. Org and Admin Theory. (3 Credits)
A systematic analysis of theories or organization, management, and administration. Special consideration will be given to institutional, behavioral, and psychological factors.

POLS 4371. Reasearch Methods I. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Two-part course provided as enrichment experience for senior level students. Structured to provide enrichment on two levels-extension of methodology for studying political behavior and substantive knowledge about the political system. Particular emphasis will be on the experience of planning and executing research projects.

POLS 4372. Rsesarch Methods II. (3 Credits)
Two-part course provided as enrichment experience for senior level students. Structured to provide enrichment on two levels- extension of methodology for studying political behavior and substantive knowledge about the political system. Particular emphasis will be on the experience of planning and executing research projects.

POLS 4401. History of Political Thought. (3 Credits)
Must be enrolled in one of the following Class(s): Junior. Senior. This Course explores the philosophies of such men as Plato, Machiavelli, Hobbes, Locke, Marx, and Hegel. Focus will be on the assumptions that each thinker makes about human nature and the vision of a good society that flows from those assumptions.

POLS 4512. Politics and Institutions in Developing Countries. (3 Credits)
Must be enrolled in one of the following Class(s) Junior, Senior. An examination of the institutions and political processes in developing countries, with an emphasis on the economic, cultural, and political trends in these states. Problems arising in transitions from traditional to modern industrial state will be examined.

POLS 4513. Issues in Global Politics. (3 Credits)
Must be enrolled in one of the following Class(s) Junior, Senior. An examination of the institutions and political processes in developing countries, with an emphasis on the economic, cultural, and political trends in these states. Problems arising in transitions from traditional to modern industrial state will be examined.

POLS 4514. International Relations. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. The historical and analytical study of basic concepts and theories of International Relations, such as realism, idealism, pluralism, and globalism. This course also focuses on the study of the diplomatic, ideological and imperialistic rivalries in the contest for world power.

POLS 4515. International Organizations. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. A study of national and international organizations utilized in the conduct and regulation of international transactions and their procedures. Emphasis is placed on a critical survey of the major themes, ideas and trends of international organizations. Special attention will be paid to the United Nations and related organizations.

POLS 4600. Govt Org & Admin Theory. (3 Credits)
A systematic analysis of theories of organization, management, and administration. Special consideration will be given to institutional, behavioral, and psychological factors.

POLS 4610. Public Personnel Admin. (3 Credits)
An examination of procedures and problems of governmental personnel administration. Studies of governmental agencies are encouraged to give students first-hand knowledge of governmental personnel administration.

POLS 4619. Legislative Internship. (9 Credits)
Albany State is one of several university system schools to participate in the legislative internship program that allows students to serve as interns with members of the Georgia General Assembly during the legislative session (usually Jan to the 1st of April). Most schools converted to a 9 hour credit (15 hours under the quarter system) during the semester conversion.

POLS 4620. Public Finance Admin.. (3 Credits)
A study of the activities involved in the collection, custody, and expenditure of public revenue, such as the assessment and collection of taxes, public borrowing and debt administration, the preparation and enactment of the budget, financial accountability and the audit.

POLS 4650. Intergovernmental Relations. (3 Credits)
A study of federal, state, and local governmental interactions, with an emphasis on the implications of these interactions for public management.

POLS 4814. Theory & Practice of Public Administration. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Study of organizational theory, bureaucratic behavior, administrative structures, process, and planning.

POLS 4816. Model United Nations. (3 Credits)
Designed to provide an orientation to the activities of the United Nations, as well as provide an understanding of the modalities of international diplomacy.

POLS 4817. Politics of Globalization. (3 Credits)
A critical analysis of the trends and contradictions that produce increasing interconnectedness of economics, cultures, and peoples in today's "borderless world."

POLS 4818. Public Administration Internship. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Independent study course utilizing the service-learning experiences as a basis for intensive study of public administration and the political process.

POLS 4819. International Political Economics. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. This course focuses on the social, political, and economic arrangements affecting the global systems of production, exchange, and distribution of goods and services. The course also seeks to examine the dynamic interactions between market and state, and how they are impacted by ideology, culture, and values.

POLS 4820. Area Studies of Africa, Caribbean, Eastern Europe & Latin America. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. This Area Studies course explores the historical, cultural, political, and economic factors that underscore the relations of African states, the Caribbean states, Eastern Europe, and Latin America. The course also examines the systemic obstacles that mitigate against a more sustainable interface of these nation-states as a result of their insertion into the world system.

POLS 4821. International Internship/Seminar. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. This course deals with experimental education through work-study, field research, and study abroad for students. Participants will work side by side with experienced professionals in the international area.

POLS 4822. Politics & Culture of Developing World. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. The course will focus on the study of politics and cultures of all developing economies and will be organized around the theme that globalization is accelerating change in developing countries. Students will also be exposed to the theories of dependence and interdependence.

POLS 4823. International Relations of Sub-Saharan Africa. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. This course focuses on the relations of sub-Saharan Africa, and other nation-states and non-state actors in the international system. Considerable attention is given to the foreign policies of sub Saharan African states as well as key social, economic, and political issues shaping the international relations of African states.

POLS 4824. Political Economy of African and the Caribbean. (3 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior. Aimed at bridging politics and economics, this course explores the historical evolution of the economics of African and the Caribbean states and the constraints and strategies of economic growth following political independence. The course also provides a critical review of the global economic system with the view to charting a road map to political stability, sustainable economic development, and social equity in that region.

POLS 4825. Inter Internship/Seminar. (3 Credits)

POLS 4826. Special Topics in Political Science. (3 Credits)
This course is aimed at alerting students not only to the current events that occupy the attention of world leaders, but also to the complex interplay of historic, cultural, environmental, economic, and political factors that account for global upheavals, harmonies, and apprehensions. The transitory nature of the world - marked by the break-up of the former Soviet Union, the systematic diminution of state sovereignty, globalization, narco-trafficking, terrorism, and the AIDS pandemic - makes these exciting times to study politics. This course is deliberately designed to challenge students to develop critical reading, analytical thinking, and moral reasoning.

POLS 4860. Public Relations in PA. (3 Credits)
Selected topics of political and current interest in public administration. The course may be repeated for credit if topics are different.

African American Studies, Minor

Code	Title	Semester Hours
HIST 2113	Minorities in America	3
HIST 2115	African American History	3
HIST 3405	Civil War and Reconstruction	3
HIST 4403	The Afro-Americans in America Thought	3
HIST 4406	The Civil Rights Era	3
HIST 4611	Studies in African History	3
Total Semester Hours		18

Departmental approval required for any course substitution.

History, Bachelor of Arts

Course Requirements for the Bachelor of Arts in History

1. Complete the 123-124 hours for the major with a GPA of at least 2.25.
2. Complete the following survey courses: HIST 1111, HIST 1112, HIST 2111 and HIST 2112
3. Complete HIST 3301 and HIST 4301 with a "C" or higher.
4. Complete four American History courses (12 hours) at the 3000-4000 levels.
5. Complete four World History courses (12 hours) at the 3000-4000 levels.
6. Complete one General History course (3 hours) at the 3000-4000 levels.
7. Complete twenty-seven hours of guided electives.
8. Maintain a “C” or higher in all courses taken in Areas F and G of the History Check sheet.
9. Complete ACAT subject area test.
10. Complete last 30 semester hours at Albany State.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major [2]		
HIST 2111	Survey of American History I	3
POLS 2102	Introduction to Law	3

SSCI 2402	Microcomputers in Social Science	3
HIST 2112	Survey of American History II	3
2000 Level	Social Science	3
2000 Level	Foreign Language	3
Area G - Professional Courses [2]		
Select four of the following courses in American History:		*12*
HIST 3403	History of Georgia	
HIST 3404	Diplomatic History of the United States	
HIST 3405	Civil War and Reconstruction	
HIST 4402	Directed Readings in American History	
HIST 4403	The Afro-Americans in America Thought	
HIST 4404	The History of the South	
HIST 4405	Contemporary America, 1945-Present	
HIST 4406	The Civil Rights Era	
HIST 4820	Special Topics in History	
Select four of the following courses in World History:		*12*
HIST 3206	Slavery in Ancient and Modern Worlds	
HIST 3406	Directed Reading in European History	
HIST 3408	Directed Reading in Non-Western History	
HIST 3513	Modern Europe	
HIST 3520	Diplomacy/Internat'l Relations	
HIST 3631	History of Latin America	
HIST 3633	The Revolution in Modern History	
HIST 4611	Studies in African History	
HIST 4815	Intro to Global Terrorism	
Area H - Methods, Seminar, General History Courses and Minor/ Guided Electives [3]		
HIST 3301	Historical Methods I	3
HIST 4301	Senior Seminar I	3
General History Elective 3000-4000		3
Minor/General Electives 1000-4000 (see advisor) [1]		27
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		123

1 Minors require a minimum of 18 credit hours with a minimum of 9 credits in upper level courses (please see individual minor requirements in ASU catalog). Guided electives are any courses offered at ASU that have not already been taken to satisfy the core or major courses.

2 Must complete the courses in Areas F and G with a grade of C or higher.

3 Must complete the history courses in Area H with a grade of C or higher.

4 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

History, Minor

Code	Title	Semester Hours
HIST 3301	Historical Methods I [1]	3
HIST 3302	Historical Methods II	3
HIST 3404	Diplomatic History of the United States	3
HIST 3516	The Intellectual Tradition of Modern Europe	3
HIST 4406	The Civil Rights Era	3
HIST 4612	Studies in African Diaspora	3
Total Semester Hours		18

1 HIST 3301 Historical Methods I can be replaced with any 3000 or 4000-level History course.

Interdisciplinary Studies, Bachelor of Arts

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
Must choose 18 hours of courses at the 1000 and 2000 level from programs in the two academic colleges		18
General Electives		
Elective courses		6
Choose Option 1 or 2		54
Option 1: choose 3 areas of study and complete 18 hours from each major concentration		
Option 2: choose 2 areas of study and complete 18 hours from each major concentration plus 18 hours as an individual emphasis, which can include an eclectic mix of courses chosen by the student and approved by the advisor		
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

1 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

International Affairs Minor

The International Affairs concentration requires 18 semester hours (6 courses). The student must complete the following required courses:

Degree Requirements

Code	Title	Semester Hours
POLS 3511	Comparative Government	3
HIST 3520	Diplomacy/Internat'l Relations	3
HIST 3631	History of Latin America	3
HIST 4611	Studies in African History	3
POLS 4514	International Relations	3

POLS 4819	International Political Economics	3
Total Semester Hours		18

Requirements: Students majoring in Political Science with a concentration in International Affairs must complete courses in American Government, Introduction to Political Science, Comparative Government, Constitutional Law, Political Theory, and Research Methods I and II.

Organizational Leadership, Bachelor of Science

This track prepares students for a career as a health administrator through the study of leadership issues specific to the healthcare industry. Health administrators may find employment in various areas including hospitals, long term care facilities, medical practices, outpatient centers, government agencies, insurance companies, pharmaceutical companies, and many more.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
The following courses are offered through eMajor to satisfy the Area F requirement, however, additional courses can also satisfy the requirement. Students should consult with their academic advisor when selecting Area F courses.		
ORGL 1100	Leadership in a Global Society	3
ORGL 1500	Profiles of Leaders	3
ORGL 2100	Writing for Leadership	3
ORGL 2601	Introduction to Public Administration	3
ORGL 2800	Ethics and Leadership	3
ORGL 2900	Program and Policy Evaluation for Leaders	3
General Electives		18
Requirements for the Major		
ORGL 2050	Communications for the Wrkplce	3
ORGL 3400	Technology for Organizations	3
POLS 4218	Project Mgmt in Public Sect.	3
ENGL 3405	Professional & Tech Writing	3
POLS 4200	Principles of Public Admin	3
POLS 4219	Public Human Resource Mgmt	3
POLS 4204	Public Finance	3
ORGL 3200	Intro to Organizational Dev	3
ORGL 3000	Reflective Seminar I	1
ORGL 3050	Reflective Seminar II	1
ORGL 4000	Reflective Seminar III	1
ORGL 4690	Capstone Seminar in ORGL	3
Upper Guided Electives (Select 4 courses from the following list)		12
HADM 3304	Health Care Communication	
HADM 4301	Designing Health Comm Msgs	
HADM 4402	Health Information Management	
HADM 4401	Healthcare Compliance	
HADM 3302	Health Care Economics	
HADM 3301	Health Care Organization	
HADM 3303	US Health Care Systems	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Courses in this track will cover areas that are fundamental to leadership in an office setting such as using office technology and equipment, office procedures and management, document processing and design, web technology for the office, communication skills, and decision making. Students who earn a degree in Organizational Leadership with a track in Office Administration & Technology will be prepared for various professional positions including administrative, support, supervisory, and managerial.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
The following courses are offered through eMajor to satisfy the Area F requirement, however, additional courses can also satisfy the requirement. Students should consult with their academic advisor when selecting Area F courses.		
ORGL 1100	Leadership in a Global Society	3
ORGL 1500	Profiles of Leaders	3
ORGL 2100	Writing for Leadership	3
ORGL 2601	Introduction to Public Administration	3
ORGL 2800	Ethics and Leadership	3
ORGL 2900	Program and Policy Evaluation for Leaders	3
General Electives		18
Requirements for the Major		
ORGL 2050	Communications for the Wrkplce	3
ORGL 3400	Technology for Organizations	3
POLS 4218	Project Mgmt in Public Sect.	3
ENGL 3405	Professional & Tech Writing	3
POLS 4200	Principles of Public Admin	3
POLS 4219	Public Human Resource Mgmt	3
POLS 4204	Public Finance	3
ORGL 3200	Intro to Organizational Dev	3
ORGL 3000	Reflective Seminar I	1
ORGL 3050	Reflective Seminar II	1
ORGL 4000	Reflective Seminar III	1
ORGL 4690	Capstone Seminar in ORGL	3
Upper Guided Electives (Select 4 courses from the following list)		12
OATC 3700	Desktop Publishing	
OATC 4020	Virtual Office Technology	
OATC 3610	Web Design & Multimedia	
OATC 3150	Computer Operating Systems	
OATC 4810	Contemporary Skills	
OATC 4160	Admin Office Procedures	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1

HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The track in public service will prepare students for employment in any area of the public sector including public safety (law enforcement, fire and rescue), state and local public administrators, non-profit management, and public relations to name a few.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
The following courses are offered through eMajor to satisfy the Area F requirement, however, additional courses can also satisfy the requirement. Students should consult with their academic advisor when selecting Area F courses.		
ORGL 1100	Leadership in a Global Society	3
ORGL 1500	Profiles of Leaders	3
ORGL 2100	Writing for Leadership	3
ORGL 2601	Introduction to Public Administration	3
ORGL 2800	Ethics and Leadership	3
ORGL 2900	Program and Policy Evaluation for Leaders	3
General Electives		18
Requirements for the Major		
ORGL 2050	Communications for the Wrkplce	3
ORGL 3400	Technology for Organizations	3
POLS 4218	Project Mgmt in Public Sect.	3
ENGL 3405	Professional & Tech Writing	3
POLS 4200	Principles of Public Admin	3
POLS 4219	Public Human Resource Mgmt	3
POLS 4204	Public Finance	3
ORGL 3200	Intro to Organizational Dev	3
ORGL 3000	Reflective Seminar I	1
ORGL 3050	Reflective Seminar II	1
ORGL 4000	Reflective Seminar III	1
ORGL 4690	Capstone Seminar in ORGL	3
Upper Guided Electives (Select 4 courses from the following list)		12
POLS 3601	Political Science Methods II	
POLS 3201	Public Policy	
POLS 4220	Administrative Law and Government	
POLS 4221	Gov. Org and Admin Theory	
POLS 4202	Interorganizational Behavior	
POLS 4215	Mgmt of Non-profit Orgs	
PHIL 4120	Professional Ethics	
POLS 4217	Grant Writing Nonprofit Orgs	
POLS 4210	Public Management	
ORGL 4900	Organizational Internship	
COMM 3330	Advanced Communication Skills	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Political Science, Bachelor of Arts

Course Requirements for the Bachelor of Arts in Political Science

The major in political science encompasses an investigation of governmental institutions and political behavior at all levels from the local to the international. The political science major will take courses in American Government, Comparative Government, Constitutional Law, Political Theory, Research Methodology and International Relations. The political science major is suitable for students with career interests in teaching, law, state and local government, urban planning, federal bureaucracy, and journalism. The political science major must complete 48 semester hour courses beginning at the 2000 level.

1. Complete a maximum of 125 semester hours with a cumulative grade point average of 2.25 or higher. The last 30 hours must be completed at Albany State University.
2. During the freshman and sophomore years, the student must complete Core Areas A-E.
3. Maintain a "C" or higher for all classes taken in Areas F, G, and H of the Political science check sheet.
4. Complete MFAT subject area exam.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major [1]		
ECON 2106	Principles of Microeconomics	3
POLS 2101	Introduction to Political Science	3
POLS 2102	Introduction to Law	3
SSCI 2402	Microcomputers in Social Science	3
2000 Level	Social Science	3
2000 Level	Foreign Language	3
Area G - Major Requirements [1]		
American Politics		
Select three of the following courses:		9
POLS 3602	State and Local Government	
POLS 3611	Urban Politics	
POLS 3612	African-American Politics	
POLS 3614	The Presidency	
POLS 3616	Political Parties/Pressure Group	
POLS 3618	Elections & Electoral Behavior	
POLS 3701	Judicial Process	
POLS 3702	American Constitutional History	
POLS 3703	Constitutional Law I	
POLS 3704	Constitutional Law II	
POLS 3708	Civil Rights & Minorities	
Comparative Government		
Select one of the following:		3

POLS 3511	Comparative Government	
POLS 4512	Politics and Institutions in Developing Countries	
POLS 4820	Area Studies of Africa, Caribbean, Eastern Europe & Latin America	
POLS 4822	Politics & Culture of Developing World	
POLS 4824	Political Economy of African and the Caribbean	
Public Policy/Public Administration		
Select one of the following:		3
POLS 3609	Amercan Foreign Policy	
POLS 3617	The Legislative Process	
POLS 3813	Public Administration	
POLS 4619	Legislative Internship	
Research Methods		
POLS 4371	Reasearch Methods I	3
or POLS 4372	Rsesarch Methods II	
Political Theory		
POLS 4401	History of Political Thought	3
International Relations		
Select one of the following courses:		3
POLS 4513	Issues in Global Politics	
POLS 4514	International Relations	
POLS 4515	International Organizations	
POLS 4816	Model United Nations	
POLS 4819	International Political Economics	
POLS 4821	International Internship/Seminar	
POLS 4823	International Relations of Sub-Saharan Africa	
Area H: General Political Science Courses [1]		
POLS 4818	Public Administration Internship	3
Guided Political Science Electives (Select up to 12 hours at the 3000-4000 level)		33
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		123

[1] Courses in Areas F, G, and H require a grade of C or higher.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Political Science, Minor

Code	Title	Semester Hours
POLS 3511	Comparative Government	3
POLS 3601	Political Science Methods II	3
POLS 4371	Reasearch Methods I	3
POLS 4372	Rsesarch Methods II	3
POLS 4401	History of Political Thought	3
POLS 4514	International Relations	3
Total Semester Hours		18

Pre-Law, Minor

Code	Title	Semester Hours
POLS 2101	Introduction to Political Science	3
POLS 2102	Introduction to Law	3
POLS 2106	Introduction to Legal Research	3
POLS 3617	The Legislative Process	3
POLS 3702	American Constitutional History	3
POLS 3703	Constitutional Law I	3
Total Semester Hours		18

Public Administration, Minor

Code	Title	Semester Hours
POLS 2101	Introduction to Political Science	3
POLS 3601	Political Science Methods II	3
POLS 3611	Urban Politics	3
POLS 3614	The Presidency	3
POLS 3813	Public Administration	3
POLS 4818	Public Administration Internship	3
Total Semester Hours		18

Department of Mathematics and Computer Science

The Department of Mathematics and Computer Science offers programs of study leading to the Associate of Science in Core Curriculum degrees with a pathway in computer science or mathematics (p. 154), along with bachelor of science degrees and minors in computer science and mathematics listed on the Programs tab above. The department also provides courses in support of the curriculums of other departments with the university. The minor programs are designed for those students interested in pursuing graduate study or the wide variety of careers in the fields of mathematics and computer science. Students in computer science may choose to concentrate in business, mathematics, information assurance, or add a minor in another discipline. To be admitted to the department as a major, the student must have a cumulative grade point average of 2.25 or higher. The department office is located in Billy C. Black Building room 130 (https://www.asurams.edu/docs/duplicate/ASU-Campus-Map.pdf).

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Programs in the Department of Mathematics and Computer Science

- Degree information for the Associate of Science in Core Curriculum with a Computer Science Transfer Pathway (p. 154)
- Degree information for the Associate of Science in Core Curriculum with a Mathematics Transfer Pathway (p. 154)

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- A
- B
- C (p. 196)
- D
- E
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- G
- H
- I (p. 196)
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- M (p. 196)
- N (p. 196)
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C

- Computer Science Minor (p. 201)
- Computer Science, Bachelor of Science (p. 202)
- Computer Technology Certificate (p. 206)

I

- Instructional Technology Certificate (p. 206)

M

- Mathematics Minor (p. 206)
- Mathematics, Bachelor of Science (p. 207)

N

- Nexus Blockchain with Data Analytics Minor (p. 209)
- Nexus Blockchain with Machine Learning Minor (p. 209)

CSCI 1003. Introduction To Technology. (2 Credits)
An introduction to trends in technology including computers and peripheral devices, functional units, operating systems, computer language, computer applications, hardware, software, mouse, LCD panels, CD-ROMS, scanners and categories of printers. (Optional course).

CSCI 1101. Introduction To Computers. (3 Credits)
This course covers the general computer concepts. This includes computer hardware and software, peripheral devices, the internet and electronic mail. Application software packages such as word- processing, spreadsheet, web page and development will be included. Prerequisite: none .

CSCI 1150. Computer Programming in Visual Basic. (3 Credits)
This is a course which presents the fundamentals of programming with Visual Basic. Topics covered will include problem solving, program development, data types, subroutines, control structures for selection and loops, file processing, arrays, functions, strings and graphics. Prerequisite: MATH 1001, MATH 1111 or consent of Division Dean. Offered: All semesters.

CSCI 1201. Introduction to Computer Science. (3 Credits)
The course covers an introduction to the field of Computer Science. Topics to be covered include data representation, hardware, software, problem solving and algorithm design, an overview of operating systems, and web page design.

CSCI 1300. Introduction to Computer Science. (3 Credits)
This class provides a foundation in major computing topics such as (but not limited to) computer architecture and operating systems, networks including the Internet, numbering systems, data representation, file structures and software engineering. An introduction to systems analysis, design and implementation is included via hands-on programming projects. Prerequisite: MATH 1001 or higher, or consent of Division Dean. Corequisite: None. Offered: On demand.

CSCI 1301. Computer Science I. (4 Credits)
This course is an overview of computers and programming; problem-solving and algorithm development; simple data types; arithmetic and logical operators; selection structures; text files; arrays; procedural abstraction and software design; modular programming. A high level programming language (currently Java) will be used. Prerequisites: CSCI 1201.

CSCI 1302. Computer Science II. (4 Credits)
This course is an overview of abstract data types; multi- dimensional arrays and records; sets and strings; binary searching and sorting; introductory algorithm analysis; recursion; pointers and linked lists; software engineering concepts; dynamic data structures. A high level programming (currently JAVA) will be used. Prerequisite: CSCI 1301.

CSCI 1321. Introduction to Programming in R and Python. (3 Credits)
This is an introductory programming course for Non-CS majors. Fundamental concepts of programming including Object Orientation, Variables, Data Types, Conditional Statements, Loops, Functions and recursion are introduced and implemented using a variety of examples in both Python and R.

CSCI 1371. Computer for Engineers. (3 Credits)
Foundations of computing with an introduction to design ana anlysis of algorithm and an introduction to design and construction of programs for engineering problem-solving. Prerequisites: MATH 1113 Pre-Calculus or consent of Division Dean.

CSCI 2200. Internet Technologies. (3 Credits)
The course provides a comprehensive introduction to the tools and skills required for both client and server side programming, teaching students how to develop platform independent sites using current Web development technology. Essential programming exercises are presented using a manageable progression. Corequisites: None. Prerequisite: Completion or exemption of all learning support requirements. Offered: On demand.

CSCI 2211. Visual BASIC Programming. (3 Credits)
This course covers the fundamentals of Visual BASIC controls, object types, events, and methods. Topics include creating user interface, setting properties, designing class modules, introduction of Visual BASIC front-end applications for database. Prerequisite: CSCI 1301.

CSCI 2235. Information System & Web Security. (3 Credits)
This course covers the broad field of Information Security Principles and Practices. This course introduces the student to information security principles, governance, risk management, physical and operational security as well as network and software development security, disaster recovery planning, backup and emergency destruction procedures.

CSCI 2300. Computational Informatics I. (3 Credits)
This course offers an introduction to computational informatics science of how information is represented and transmitted in biological systems. Students will learn Biological Technical Scenes, Patterns and Downloading Datasets (Protein Databanks, SWISS-PROT, EMBL and GenBank), Database Management (Pharmacogenomics and Aggression), Search Engines Algorithms (Intelligent Agents and User Interface Tools Programming with PERL Database), Data Mining (Statistics and Sampling), Web Technologies (Internet Sequence Retrieval System) and Data Visualization (Animation and Visualization Tools) Prerequisite: BIOL 1111 or permission of instructor .

CSCI 2311. Advanced Visual Basic Programm. (3 Credits)
Advanced Visual Basic will incorporate the basic concepts of programming and the design techniques of an object oriented language. It covers advanced internet and user interface features and applications; error handling; graphics, database, and XML applications. A second course is needed to cover the database concepts, web applications and advanced programming techniques. The general elective credit hours will increase and the institution's overall degree requirement will not be affected.

CSCI 2400. Secure Script Programming. (3 Credits)
This course covers the design and implementation of secure Windows/Unix/Web-based applications with .NET/Java Framework, C#, C++, Java, PHP, ASP, .NET, and SQL. The course emphasizes training in secure and error-free programming techniques in order to block potential programming loopholes that can be exploited by hackers or malware.

CSCI 3000. Cryptography & Computer Security. (3 Credits)
This course is used as an introduction to the basic theory and practice of cryptographic techniques used in computer security. The course covers topics such as encryption (secret-key and public-key), message integrity, digital signatures, user authentication, key management, cryptographic hashing, network security protocols (SSL, IPsec), public-key infrastructure, digital rights management, and elements zero-knowledge protocols.

CSCI 3111. Discrete Structures. (3 Credits)
This course includes topics such as logic, sets, relations, functions, counting techniques, mathematical induction, graphs representation, combinatorial problems, elementary graph theory, network work flow, recursion and finite state machine. Prerequisite: CSCI 1301 .

CSCI 3122. Data Structures. (3 Credits)
This course is a study of the basic concepts and the representation of data using the language C++, such as static and dynamic allocations, trees, and graphs, storage systems and structures, searching and sorting techniques. Prerequisite: CSCI 1302 or permission of instructor.

CSCI 3132. Database Management. (3 Credits)
This course concentrates on defining and designing database systems. It covers such types as data modeling, management algorithms, query language, record insertion and deletion, sorting, creation of indexes, updating the database, and implementing the database. Prerequisite: CSCI 1302.

CSCI 3200. Design & Analysis of Algorithm. (3 Credits)
This course is about the systematic study of the design and analysis of algorithms. The course covers the fundamental techniques used to design efficient algorithms with the analysis of the efficiency. It covers several group of algorithms, such as graph, search, computational, genetic, sorting, heuristic and approximate algorithms. Prerequisite: CSCI 3122 .

CSCI 3211. Computer Organization and Architecture I. (3 Credits)
This course is the study of hardware and software concepts of digital computer systems, with emphasis on fundamental system software and details of hardware operation. Topics include virtual machines, system organization, digital logic and assembly language programming. Prerequisite: CSCI 1301 .

CSCI 3212. Computer Organization and Architecture II. (3 Credits)
This course is the continuation of Computer Organization I. Topics include instruction and data formats, addressing modes, instruction types, flow of control, micro-programming, and advanced computer architecture, including RISC machines and parallel architecture. Prerequisite: CSCI 3211 .

CSCI 3300. High Performance Computing. (3 Credits)
In parallel computing several processors cooperate to solve a problem, which reduces computing time because several operations can be carried out simultaneously. From the computation point of view, this provides sufficient justification to investigate the concept of parallel processing. In this course, we are intended to investigate four steps that are involved in performing a computational problem in parallel. The first step is to investigate the nature of parallel computing with respect to architectures. The second step involves designing parallel algorithms or parallelizing the existing sequential algorithms. The third step is to map the problem into a suitable parallel computer, and the last step involves writing a parallel program utilizing an applicable parallel programming approach. An important reason to utilize high performance computing can be illustrated by the applications. The applications are representative of a host of situations in which the probability of success in performing a computational task is increased through the use of parallel processing. This course will be considered as a major elective course, so the inclusion of this course in our list of course offerings will not increase the required number of credit hours for computer science majors.

CSCI 3335. Risk Analysis & Information Infra-Structure Security. (3 Credits)
This course examines the security of information in computer and communications networks within infrastructure sectors critical to national security. These includes the sectors of banking, securities and commodities markets, industrial supply chain, electrical/smart grid, energy production, transportation systems, communications, water supply, and health. Special attention is paid to the risk management of information in critical infrastructure environments through an analysis and synthesis of assets, threats, vulnerabilities, impacts, and countermeasures. Students learn the importance of interconnection reliability and methods for observing, measuring, and testing negative impacts. Critical consideration is paid to the key role of Supervisory Control and Data Acquisition (SCADA) systems in the flow of resources such as electricity, water, and fuel. Students learn how to develop an improved security posture for different segments of the nation's critical information infrastructure.

CSCI 3350. Introduction to Data Science with R and Watson. (3 Credits)
This Course is an Introduction to Data Science with R and Watson. This course deals with the study and extraction of many and varied data. Topics studied include: introduction to data Science, inferential statistics, probability distributions, statistical modeling and fitting of data, various methods of data collection, analysis and interpretation using R, Watson, other forms of statistical packages, machine learning algorithms, visualization, and predictive modeling.

CSCI 4113. Operating Systems. (3 Credits)
This course involves the operating system architecture and the manner in which computer operating systems interact with machine hardware to provide a total system. The study of operating systems by combining a careful examination of theoretical issues with real-world, hands-on problems and examples. The implementation examples are drawn from the commercial operating systems. Prerequisite : CSCI 3122 .

CSCI 4123. Computer Networks. (3 Credits)
This course is the study of Network Planning and Network Design, Understanding Networks by understanding their components and their functions, and defining different Network Operating Systems. This course provides insight into new technologies, such as ATM, ISDN, and wireless networks. The implantation examples are drawn from the commercial network operating systems. Prerequisite: CSCI 4113.

CSCI 4151. Systems Simulation. (3 Credits)
An introduction to problem solving using simulation methods and tools. Topics include construction of deterministic and stochastic models, identification of system parameters, correlation of models and systems. Prerequisite: CSCI 3122.

CSCI 4211. Systems Analysis I. (3 Credits)
This course provides the students with an introduction to technical and management issues in systems analysis and design. The course covers various issues in the Systems Development Life Circle (SDLC) model, CASE tools and their impact on SDLC, the systems analyst and the different roles of a systems analyst in an organization. It introduces students to various information gathering techniques, tools for project management, issues and models for sampling data sources, ER diagrams, data flow diagrams and data dictionaries. It includes an in-depth treatment of prototyping. It also covers issues in decision-making, process specification techniques and principles of structured design. Prerequisite: CSCI 1302 .

CSCI 4212. Systems Analysis II. (3 Credits)
This course is a continuation of the introductory course in systems analysis and design. The course provides an in-depth treatment of objected-oriented analysis and design concepts as applied to systems development. It introduces the students to various tools used in design and analysis of large software systems. It covers various issues in designing effective inputs and outputs, data-entry procedures, designing user interfaces and a comprehensive overview of the different types of dialogues and queries for interface design. Related issues in quality assurance, user training and evaluation techniques are also discussed. Prerequisites: CSCI 4211 .

CSCI 4221. Software Engineering. (3 Credits)
This course provides an introduction to software engineering methodologies, addressing each phase in the life cycle of software. Topics include system and software analysis, design, implementation and maintenance, software system development and management. CASE tools will be discussed also. Prerequisite: CSCI 3122 .

CSCI 4311. Computer Graphics. (3 Credits)
This course will provide students with the basic knowledge and experience necessary to use computers to create graphics and to process images. The hardware and software components of graphics systems are examined with a major emphasis on methods for design of 2-D and 3-D graphics. Algorithms for creating and manipulating graphics displays and techniques for implementing the algorithm are introduced. Prerequisite: CSCI 3122 .

CSCI 4319. Introduction to Machine Learning. (3 Credits)
This is an Introductory Course in Machine Learning and its applications. The main topics covered include Supervised Learning, Unsupervised Learning, Reinforced Learning, Neural Networks and Deep Learning. The course covers such methods as Regression Analysis, Support Vector Machines, Bayesian Decision Theory, Classification Algorithms, Clustering Analysis, Frequency Analysis, Nearest Neighbor Algorithms, Neural Network and Markov Models.

CSCI 4338. Network & Operating Systems Security. (3 Credits)
This course examines network and operating systems security in modern networks, which include local area networks, wide area networks, the internet, wireless networks, and mobile networks. Special emphasis is paid to the security and privacy of cloud-based data networks, which are coming under heavy attacks by hackers and malware.

CSCI 4340. Wireless & Mobile Security. (3 Credits)
This course provides an overview to the secure planning, designing, and configuring of wireless LANs, as well as both the theory and practice of embedded network security. The course will offer in-depth coverage of wireless networks, implementation, design, security, and troubleshooting. The course also provides a comprehensive overview of building and maintaining firewalls in a business environment designed for the student and network administrator to learn the basics of network firewall security.

CSCI 4344. Computer Forensics. (3 Credits)
This course trains the student to properly conduct a computer forensics examination and provides an understanding of the process of electronic discovery. The students will learn the skills and techniques necessary to conduct a thorough digital forensics examination. The training will also teach the students how to compile and present the results of their digital forensics examination in a format suitable for presentation in a court of law or other competent government or administrative authority.

CSCI 4392. Introduction to Blockchain Technology. (3 Credits)
This course is an introduction to Blockchain. The major topics covered are: Basic Linux, Introduction to GIT, JavaScript Basics, Go Lang Basics, and Introduction to Blockchain Technology, the History of Blockchain and Bitcoin, the Emergency of Cryptocurreencies, multi-facets of Blockchain technology. Ethereum Blockchain, Hyperledger Blockchain, Introduction to Hyperledger Fabric and Composer, Setting up and Installing local Hyperledger Fabric, Composer and Playground, Hyperledger in IBM mix, Working with Hyperledger in Linux One, Hyperledger Blockchain Use cases, Developing your first application in Hyperledger Fabric, using chain codes. Integration of Hyperledger Blockchain networks with existing systems.

CSCI 4393. Data Analytics in Supply Chain with SAS. (3 Credits)
This course introduces the student to Data Analytics applications in supply chain and logistics.

CSCI 4395. Data Analytics in ERP Systems with SAS. (3 Credits)
This course introduces the student to Data Analytics in Enterprise Resource Planning Systems. Converting data to information, portraying it is a manner useful for decision making, and interfacing the information with decision-assisting methods will be addressed.

CSCI 4411. Artificial Intelligence. (3 Credits)
This course covers the basic concepts of artificial intelligence including production systems, knowledge representation, pattern matching, heuristic search, and logical and probabilistic reasoning. The social, cultural, and economic impact of artificial intelligence are discussed. Prerequisite: CSCI 3111 .

CSCI 4911. Special Topics in Computer Science & Computer Information Systems. (3 Credits)
This course covers current topics in Computer Science and Computer Information Systems of special interest to faculty and students. Prerequisite: Permission of instructor.

CSCI 4915. Web Design and Development. (3 Credits)
This course will cover the fundamental concepts of web development. The study of the theory and languages related to Web Design and Development will also be discussed. Topics include client/server architecture, W3C HTML 4 specifications, CSS, DHTML, XML, VB and Java Scripts, Active Serve Page and PHP. Hypertext Preprocessor. Prerequisite(s): CSCI 3122 and CSCI 2211.

CSCI 4921. Senior Project I. (1 Credit)
Students will broaden their educational experience by reading and understanding technical literature in the areas of mathematics and computer science, organizing and writing a professional-level proposal, attending seminars and preparing a professional-level presentation. Students will draw upon and synthesize knowledge from their previous course work. Through revision of both the proposal and the oral presentation, students will improve their ability to communicate the main ideas.

CSCI 4922. Senior Project II. (2 Credits)
Students will broaden their educational experience by reading and understanding technical literature in the areas of mathematics and computer science, organizing and writing a professional-level paper, project implementation and coding, attending seminars and preparing a professional-level presentation. Project implementation should satisfy all requirements mentioned in the approved proposal accomplished during the course CSCI 4921. Students will draw upon and synthesize knowledge from their previous course work and educational experiences.

MATH 0997. Support/Quantitative Reasoning. (2 Credits)
This course provides an introduction to the algebraic concepts and techniques necessary for MATH 1001. This course will focus on additional support for MATH 1001 assignments and will serve as a continuation of the information covered in the MATH 1001 classroom. The topics covered include performing basic operations with rational and real numbers, representing mathematical relationships symbolically, set notation, evaluating expressions, plotting and graphing in the Cartesian coordinate system, using percentages, and solving linear equations. Prerequisite: None. Corequisite: MATH 1001. Offered: Every semester.

MATH 0999. Support for Math 1111. (2 Credits)

MATH 1001. Quantitative Reasoning. (3 Credits)
This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take Precalculus, Trigonometry, or the Calculus sequence for mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will likely encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined. A graphing calculator is required. MATH 1001 is a math course for non-science majors and may be used as a prerequisite to MATH 2205 and/or MATH 1145. Students receiving credit for MATH 1001 cannot receive credit for MATH 1111. Prerequisite: MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into co-requisite remediation or higher. Offered: All semesters.

MATH 1101. Mathematical Modeling. (3 Credits)
This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communications of quantitative concepts and resuts. MATH 1101 may be taken as a substitute for MATH 1001: Quantitative Reasoning.

MATH 1111. College Algebra. (3 Credits)
This course includes a study of topics in real numbers, linear and quadratic equations, complex numbers, various types of other functions and their graphs, exponential and logarithmic functions, systems of linear equations and inequalities. Prerequisite: Developmental MATH 0099 or Placement Test.

MATH 1112. Trigonometry. (3 Credits)
MATH 1112 Trigonometry (3-0-3) This course covers trigonometric functions. The topics include identities, solutions of triangles, complex numbers, conics, and vectors. A graphing calculator is required. Students receiving credit for MATH 1112 cannot receive credit for MATH 1113. Prerequisite: MATH 1111 or consent of Division Dean. Offered: All semesters.

MATH 1113. Pre-Calculus. (3 Credits)
This course is the study of functions and their graphs. Topics include trigonometric functions, exponential and logarithmic functions, transcendental functions and polar coordinates. Prerequisite: MATH 1111 or Placement Test.

MATH 1211. Calculus I. (4 Credits)
This is a beginning course in calculus. Topics include differentiation and integration of algebraic and trigonometric functions, with applications to graphs of functions, rectilinear motion, maxima and minima, areas, volumes and work. Prerequisite: MATH 1113.

MATH 1401. Intro to Statistics. (3 Credits)
This course is a course in basic statistics. Topics include descriptive statistics, probability, distributions, hypothesis testing, inferences, correlation, and regression.

MATH 1501. Calculus I. (4 Credits)
Topics to include functions, limits, continuity, the derivative, antidifferentiation, the definite integral, and applications.

MATH 2008. Foundation Of Numbers And Oper. (3 Credits)
This course is an Area F introductory mathematics course for teacher education majors. This course will emphasize the understanding and use of the major concepts of number and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics. Prerequisite(s): MATH 1101, MATH 1111, MATH 1113, or approved equivalent.

MATH 2111. Linear Algebra. (3 Credits)
This course concentrates on operations with vectors, matrices, systems of linear equations, determinants, vector spaces, linear trans- formations, eigenvalues and eigenvectors. Prerequisite: MATH 1211.

MATH 2212. Calculus II. (4 Credits)
This course is a continuation of Calculus I. Topics include differentiation and integration of transcendental functions, techniques of integration, arc length, surface or volumes, force, work, and introduction to differential equations, improper integrals, sequences and series and parametric equations. Prerequisite: MATH 1211.

MATH 2213. Calculus III. (4 Credits)
Topics include vectors, the calculus of vector-valued functions, polar coordinates, spherical coordinates, function of several variables, directional derivatives, Lagrange multipliers and multiple integrals. Prerequisite: MATH 2212 .

MATH 2411. Introduction to Statistics. (3 Credits)
This course will include an introduction to probability and basic concepts of descriptive and inferential statistics. The computer and graphing calculators will be an integral part of this course. Prerequisites: MATH 1001, 1111 or 1113.

MATH 3000. Numbers and Their Applications. (3 Credits)
This course will cover the basic properties of the system of natural numbers, the system of whole numbers, the system of rational numbers and the system of real numbers. This course will also cover nomenclature and representations of numbers, number patterns, elements of number theory and applications. Prerequisite: MATH 1111 or MATH 1113. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MATH 3005. Advanced Topics in Elementary Mathematics. (3 Credits)
This is an introductory course of theory and applications of content and pedagogy for early childhood majors. Focus will be on instructional strategies, materials, and lesson planning for mathematics classes grades K-8 with an emphasis on basic mathematical concepts and national curriculum recommendations. Students will be introduced to manipulatives and technology needed to engage students in grades K-8. Students are required to have calculators and access to computers and printers. Prerequisites: MATH and admission to teacher education. Offered: Fall.

MATH 3101. Introduction to Number Theory. (3 Credits)
Introduction to the classical arithmetic properties of the integers. Divisibility properties, primes and their distribution, congruencies, Diophantine equations and their applications, number-theoretic functions, Fermat and Euler theorems, continued fractions, Fibonacci numbers, Pythagorean triples and perfect numbers. Prerequisite: MATH 2212 .

MATH 3111. Discrete Structures. (3 Credits)
This course includes topics such as logic, set relations, functions, counting techniques, mathematical induction, representations, combinatorial problems, elementary graph theory, network flow, recursion and finite state machine. Prerequisite: MATH 1113.

MATH 3112. Discrete Mathematics. (3 Credits)
This course includes a study of topics in combinatorial mathematical processes. Topics in mathematical induction, set theory, number theory, combinations, permutations, probability theory including the induction principle, relations, recursions, the counting principle, generating functions, logic, and graph theory are covered. Prerequisite: MATH 1113. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MATH 3211. Ordinary Differential Equations. (3 Credits)
This course includes topics in ordinary differential equations: separable equations, homogeneous and non homogeneous equations, exact equations, Euler equations, non- linear ordinary differential equations, the study of Laplace transforms and how to use them to solve practical problems as well as solving systems of linear differential equations. Prerequisite: MATH 2212.

MATH 3213. Modern Geometry. (3 Credits)
This course is the study of metric, affine and projective geometries by means of groups of transformations and their invariants on the Euclidean plan. Prerequisite: MATH 2111. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MATH 3311. Geometry & Applications. (3 Credits)
This is an in-depth course designed to provide students with the knowledge and skills of geometry concepts and the applications of geometry in the K-8 mathematics classroom. Focus will include Euclidean Geometry, its postulates and theorems, instructional strategies, technology infusion, learning theories, ethical issues, and assessment of instruction in geometry. Past and current curriculum issues in geometry will be addressed. It will also include an analysis of curriculum trends and content in geometry as related to the Georgia Common Core Standards and the GACE II. Prerequisites: MATH 1111 and MATH 1113.

MATH 3314. Math Statistics. (3 Credits)
Calculus-based course in probability and statistics covering probability distributions, probability densities, random variables, sampling, experimental design and nonparametric statistics and decision theory. Prerequisite: MATH 2212.

MATH 3357. Business Calculus for Analytics. (3 Credits)
This course teaches business applications of calculus for Analytics. Typically for Business Majors but can be taken by anyone with Quantitative Reasoning and above.

MATH 3411. Statistical Methods. (3 Credits)
This course deals basic statistical methods encountered in applications. Topics covered include normal distribution, confidence interval, statistical inferences, hypothesis testing, regression and correlation, categorical data and non-parametric methods, analysis of variance. Statistical methods will be a major requirement for the mathematics program. It supports our efforts to strengthen our program and offer more Applied Mathematics courses to our majors who are seeking employment in areas requiring the use of statistics as well as those majors who intend to pursue graduate programs in statistics. Prerequisite: Math 2411 .

MATH 3413. Introduction to Combinatorics. (3 Credits)
This course is the study of basic graph theory, permutations, combinations, inclusion-exclusion principle, recurrence relations, generation functions, occupancy problems, applications to probability theory, geometry of the plane, maps on the sphere, coloring problems, finite structures, systems of distinct representatives, existence problems, magic squares, and Latin squares. Prerequisite: MATH 2111.

MATH 3423. Introduction to Operations Research. (3 Credits)
This course is the study of deterministic and stochastic models including transportation and assignment problems, network analysis, decision theory, queuing theory and simulation. Prerequisite: MATH 2111.

MATH 4111. Modern Algebra I. (3 Credits)
This course covers basic concepts in groups, rings, integral domains, homeomorphisms and isomorphism of groups. Prerequisite: MATH 2212 .

MATH 4112. Modern Algebra II. (3 Credits)
This course covers elementary concepts in ring theory and field theory. Prerequisite: MATH 4111.

MATH 4211. Elements of Analysis I. (3 Credits)
This course is the study of the real number system, point- set theory of the real line, global and local properties of continuous functions, Law of Mean, convergence of sequences and series, and the Theory of Riemann Integration. Prerequisite: MATH 2213.

MATH 4212. Elements of Analysis II. (3 Credits)
This course is the study of functions of several variables, implicit-function theorems, vectors in Rn, linear transformations in Rn, calculus of functions in higher dimensional Euclidean spaces, multiple integrals, line and surface integrals. Prerequisite: MATH 4211.

MATH 4214. Introduction to Complex Variables. (3 Credits)
The course includes a study of analytic, harmonic, continuous, and logarithmic functions, Cauchy-Riemann equations, power series, branch point, contours and contour integrals, Cauchy's theorem, and applications. Prerequisite: MATH 2213 .

MATH 4215. Numerical Analysis. (3 Credits)
This course will provide an introductory knowledge of elementary numerical methods found useful in the field of computing. This will include number representation and errors, locating roots of equations, interpolation and numerical differentiation, numerical integration, minimization and maximization multivariate functions. Prerequisite: MATH 2213 .

MATH 4220. Partial Differential Equations. (3 Credits)
This course deals with method of characteristics for first and second order partial differential equations, separation of variables, hyperbolic equations, parabolic equations, elliptic equations, Fourier series, Green's function. This course strengthens the applied math courses offerings in the mathematics program. Prerequisite: MATH 3211.

MATH 4313. Topology. (3 Credits)
This course is the study of elementary topology. The topics include point set theory, topological spaces, metric spaces, subspaces, continuous mapping, homeomorphisms, connectedness, compactness, and intuitive concepts in topology. Prerequisite: MATH 4211 .

MATH 4330. Math of Compound Interest. (3 Credits)
Simple interest, discouont interest, compound interest, ordinary annuities, annuities certain, debt retirement methods, investing in stocks and bonds, de[recoatopm amd capital budgeting, future and present value of continuous streams, variable payment annuities, variable block of payments, stochastic payments, risk of default, and stochastic interest annuities, and topics in modeling and hedging.

MATH 4332. Math of Demography. (3 Credits)
This course deals with the mathematics encountered in demography and applications. Topics include: data collection and demographical statistics, measures of mortality and fertility, life tables and census data, stationary and stable population theories, population projections, use of census data, US and Canadian life tables, and the renewal equations.

MATH 4511. History of Mathematics. (3 Credits)
This course includes topics in numeral systems, Babylonian and Egyptian mathematics, Pythagorean and Euclidean mathematics, Hindu and Arabian mathematics, European mathematics from the Dark Ages to the Present. Prerequisite: Senior standing.

MATH 4921. Senior Project 1. (1 Credit)
Students will broaden their educational experiences studying, understanding and reviewing technical literature in the areas of mathematics, mathematical applications, organizing and writing research papers, proposals, attending seminars and preparing professional-level presentations. Students will draw upon and synthesize knowledge from their previous course work and out-class experiences. Through revision of both the proposals and the oral presentations, students will improve their ability to communicate the main ideas.

MATH 4922. Senior Project II. (2 Credits)
Students will broaden their educational experiences studying, understanding and reviewing technical literature in the areas of mathematics, mathematical applications, organizing and writing research papers, proposals, attending seminars and preparing professional-level presentations. Students will draw upon and synthesize knowledge from their previous course work and out-class experiences. Project implementation should satisfy all requirements accomplished during the course MATH 4921. Through revision, critiquing, and justification of the proposals and the oral presentations, students will strengthen their abilities and competence communicating deep understanding of their work in oral and written forms.

Computer Science Minor

Requirements: In order to earn a minor in Computer Science, a student will be required to complete the following courses with a grade of "C" or better, and with a minimum Mean GPA of 2.25 in the listed courses. 18 Credit Hours are required.

Code	Title	Semester Hours
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
CSCI 3122	Data Structures	3
CSCI 4921	Senior Project I	1
Pick any two courses from the following list:		6
CSCI 2211	Visual BASIC Programming	
CSCI 2235	Information System & Web Security	
CSCI 2300	Computational Informatics I	
CSCI 2311	Advanced Visual Basic Programm	
CSCI 2400	Secure Script Programming	
CSCI 3000	Cryptography & Computer Security	
CSCI 3111	Discrete Structures	
CSCI 3132	Database Management	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3211	Computer Organization and Architecture I	
CSCI 3300	High Performance Computing	

CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4113	Operating Systems	
CSCI 4123	Computer Networks	
CSCI 4211	Systems Analysis I	
CSCI 4221	Software Engineering	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
CSCI 4915	Web Design and Development	
CSCI 4922	Senior Project II	
Total Semester Hours		18

Computer Science, Bachelor of Science

The Bachelor of Science degree in computer science with mathematics emphasis is for those students who want to combine mathematics and computer science. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 33 semester hours in computer science, 17 semester hours in mathematics courses, including Calculus II, Calculus III, 6 semester hours in major electives, and 4 semester hours in general electives.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (Areas A-E) (p. 151) [1]		43
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (17 hours)		
MATH 2212	Calculus II	4
MATH 2213	Calculus III	4
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4215	Numerical Analysis	3
Major Electives (6 hours from below list)		*6*
CSCI 2235	Information System & Web Security	
CSCI 2300	Computational Informatics I	
CSCI 2311	Advanced Visual Basic Programm	
CSCI 2400	Secure Script Programming	
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
General Electives (5 hours)		*5*
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

1 Students are required to complete MATH 1113 Pre-Calculus in Area A2 and MATH 1211 Calculus I in Area D with a minimum grade of "C". The extra credit hour from MATH 1211 will be counted in Area F.

2 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in computer science with business emphasis is for those students who want to combine computer science and business. In addition to the general institutional requirements, the major completes 60 semester hours in major courses, which include 39 semester hours in computer science and mathematics courses, 15 semester hours in business courses, and 6 semester hours in major electives. The Bachelor of Science degree in computer science with business emphasis is a cooperative program between Albany State University and Albany Technical College that allows qualified students to earn 66 semester hours at Albany Technical College and then transfer to Albany State University to complete the requirements for the Bachelor of Science degree with emphasis in business. Upon admission to Albany State University students may transfer up to 60 semester hours of credit to Albany State to satisfy Areas A, B, C, D, and E of the Core Curriculum.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (Areas A-E) (p. 151) [1]		43
Area F: Courses Related to Major		

CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 1211	Calculus I	4
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		
MATH 2111	Linear Algebra	3
MATH 3423	Introduction to Operations Research	3
Management/Economic Courses (15 hours)		
ECON 2106	Principles of Microeconomics	3
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MGMT 3105	Legal Enviroment of Business	3
MKTG 3120	Principles of Marketing	3
Major Electives (6 hours from below list with 3 hours being in the 3000-4000 level)		*6*
CSCI 2235	Information System & Web Security	
CSCI 2300	Computational Informatics I	
CSCI 2311	Advanced Visual Basic Programm	
CSCI 2400	Secure Script Programming	
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in computer science with information assurance emphasis is for those students who want to combine focus on computer security. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 48 semester hours in computer science with 15 of those semester hours covering information assurance topics, 6 semester hours in mathematics courses, and 6 semester hours in major electives.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (Areas A-E) (p. 151) [1]		43
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
Information Assurance Courses (15 hours)		
CSCI 2235	Information System & Web Security	3
CSCI 3000	Cryptography & Computer Security	3
CSCI 4338	Network & Operating Systems Security	3
CSCI 4340	Wireless & Mobile Security	3
CSCI 4344	Computer Forensics	3
Major Electives (6 hours from below list with 3 being in the 3000-4000 level)		*6*
CSCI 2300	Computational Informatics I	
CSCI 2311	Advanced Visual Basic Programm	
CSCI 2400	Secure Script Programming	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	

CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
General elective		1
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in computer science with a minor is for those students who want to add a minor in another area to their degree in computer science. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 33 semester hours in computer science, 6 semester hours in mathematics courses, 3 semester hours in major electives, and 18 semester hours in a minor.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (Areas A-E) (p. 151) [1]		43
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
Minor and electives chosen by student (19 hours)		19
Major Electives (3 hours from below list)		3
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in Computer Science with a Nexus Option is for those students who want to add a Nexus Option to their degree in computer science. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 33 semester hours in computer science, 6 semester hours in mathematics courses, 3 semester hours in major electives, and 18 semester hours of a Nexus Option.

Albany State University has been approved by the Board of Regents of the University System of Georgia to offer two Nexus Options: Blockchain with Machine Learning and Blockchain with Data Analytics. The Nexus Program is available to Undergraduate students and those who have completed a bachelor's degree and wish to acquire Blockchain, Data Analytics and Machine Learning certified training.

Under the Nexus Program, 18 hours of elective Area G courses (6 nexus degree courses) can be taken to earn a Nexus Option. A Nexus Option does not increase the number of hours you need to graduate. It is comprised of a group of 6 courses in Area G pertaining to the chosen Nexus Option and includes apprenticeships and internships to earn the Nexus Option alongside the bachelor's degree Program the student is already undertaking. Further information can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu.

These courses are designed to engage the student academically while collaborating with industry partners for internship, apprenticeship and job placements with such companies as IBM, Microsoft, Google, Amazon, Geico, P&G, Miller-Coors and others. Students gain industry expertise, earn badges as proof of certain skills and become highly marketable upon graduation.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (Areas A-E) (p. 151) [1]		43
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
Blockchain with Machine Learning Required Courses (18 hours)		
CSCI 4392	Introduction to Blockchain Technology	3
CSCI 4397	Blockchain Design Thinking [3]	3
CSCI 4389	Blockchain Coding and Implementation [3]	3
CSCI 4319	Introduction to Machine Learning	3
CSCI 4611	Apprenticeship I [3]	3
CSCI 4612	Apprenticeship II [3]	3
Major Electives (3 hours from below list)		*3*
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
General Elective		1
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

[3] Further information about this program and the new courses can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu

The Bachelor of Science degree in Computer Science with a Nexus Option is for those students who want to add a Nexus Option to their degree in computer science. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 33 semester hours in computer science, 6 semester hours in mathematics courses, 3 semester hours in major electives, and 18 semester hours of a Nexus Option.

Albany State University has been approved by the Board of Regents of the University System of Georgia to offer two Nexus Options: Blockchain with Machine Learning and Blockchain with Data Analytics. The Nexus Program is available to Undergraduate students and those who have completed a bachelor's degree and wish to acquire Blockchain, Data Analytics and Machine Learning certified training.

Under the Nexus Program, 18 hours of elective Area G courses (6 nexus degree courses) can be taken to earn a Nexus Option. A Nexus Option does not increase the number of hours you need to graduate. It is comprised of a group of 6 courses in Area G pertaining to the chosen Nexus Option and includes apprenticeships and internships to earn the Nexus Option alongside the bachelor's degree Program the student is already undertaking. Further information can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu.

These courses are designed to engage the student academically while collaborating with industry partners for internship, apprenticeship and job placements with such companies as IBM, Microsoft, Google, Amazon, Geico, P&G, Miller-Coors and others. Students gain industry expertise, earn badges as proof of certain skills and become highly marketable upon graduation.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (Areas A-E) (p. 151) [1]		43
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3

CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
Blockchain with Data Analytics Required Courses (18 hours)		
CSCI 3350	Introduction to Data Science with R and Watson	3
CSCI 4319	Introduction to Machine Learning	3
CSCI 1321	Introduction to Programming in R and Python	3
CSCI 4391	Data Mining [3]	3
CSCI 4611	Apprenticeship I [3]	3
CSCI 4612	Apprenticeship II [3]	3
Major Electives (3 hours from below list)		*3*
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
General Elective		1
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

1 Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

2 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

3 Further information about this program and the new courses can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu

Computer Technology Certificate

This certificate option allows students to enroll in an array of courses in technology and in the content area of choice. This option provides needed flexibility without requiring an option to be created every time there is a specific need. For example, the certificate could be readily customized to meet the needs of an educator who desires courses in the content area of instruction and in technology. The certificate could be utilized just as easily by a student desiring to enroll in art with a technology emphasis. Fifteen hours of the program must be taken in technology related courses, and no more than nine hours can be taken in core curriculum courses

Code	Title	Semester Hours
First Semester (15 hours)		
BUSA 2101	Survey of Computer Applications	3
4 additional technology courses (must be approved by an advisor)		12
COPR 2235	Database Management Systems	
CSCI 1300	Introduction to Computer Science	
CSCI 1301	Computer Science I	
CSCI 1302	Computer Science II	
Second Semester		15
Must meet with an advisor to select appropriate course for this term.		
Total Semester Hours		30

Instructional Technology Certificate

The instructional technology certificate is a fourteen semester-hour certificate that will provide in-service instructors with the knowledge and hands-on practice needed to succeed in developing and facilitating online courses as well as online or technology based materials for live classes at the K-l 2 or college level. The five courses in this certificate will introduce students to the theory behind instructional technology and design, the selection and evaluation of web-based tools and applications for instruction, online communication technologies, and the creation and implementation of robust online courses

Code	Title	Semester Hours
COPR 1122	Intro/Instructional Technology	3
COPR 1123	Web-based tools/Appl for Educ	3
COPR 1124	Online Communication Tech	3
COPR 1125	Instructional Design/Onl Cours	3
COPR 1131	Success in Onl Instruction & L	2
Total Semester Hours		14

Mathematics Minor

Requirements: In order to earn a minor in Mathematics, a student will be required to complete the following courses with a grade of “C” or better, and with a minimum Mean GPA of 2.25 in the listed courses. 17 Credit Hours are required.

Code	Title	Semester Hours
MATH 1211	Calculus I	4
MATH 2212	Calculus II	4
MATH 4111	Modern Algebra I	3
Pick any two courses from the following list:		6
MATH 3101	Introduction to Number Theory	
MATH 3112	Discrete Mathematics	
MATH 3211	Ordinary Differential Equations	
MATH 3213	Modern Geometry	
MATH 3314	Math Statistics	
MATH 3411	Statistical Methods	
MATH 3413	Introduction to Combinatorics	
MATH 3423	Introduction to Operations Research	

MATH 4112	Modern Algebra II	
MATH 4330	Math of Compound Interest	
Total Semester Hours		17

Mathematics, Bachelor of Science

Code	Title	Semester Hours
Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) (p. 151) [1]		43
Area F: Courses Related to Major		
MATH 1211	Calculus I	4
MATH 2212	Calculus II	4
MATH 2411	Introduction to Statistics	3
MATH 2111	Linear Algebra	3
CSCI 1201	Introduction to Computer Science	3
Area G - Major Requirements		
MATH 2213	Calculus III	4
MATH 3101	Introduction to Number Theory	3
MATH 3112	Discrete Mathematics	3
MATH 3211	Ordinary Differential Equations	3
MATH 3213	Modern Geometry	3
MATH 3314	Math Statistics	3
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4111	Modern Algebra I	3
MATH 4112	Modern Algebra II	3
MATH 4211	Elements of Analysis I	3
MATH 4212	Elements of Analysis II	3
MATH 4214	Introduction to Complex Variables	3
MATH 4215	Numerical Analysis	3
MATH 4921	Senior Project 1	1
MATH 4922	Senior Project II	2
Major Electives		12
MATH 3413	Introduction to Combinatorics	
MATH 4511	History of Mathematics	
MATH 4313	Topology	
MATH 4220	Partial Differential Equations	
MATH 4330	Math of Compound Interest	
MATH 4332	Math of Demography	
Free elective		3
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

1. Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".
2. The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in Mathematics with a minor is for those students who want to add a minor in another area to their degree in mathematics. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 42 semester hours in mathematics and 18 semester hours in a minor.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) (p. 151) [1]		43
Area F: Courses Related to Major		
MATH 1211	Calculus I	4
MATH 2212	Calculus II	4
MATH 2213	Calculus III	4
MATH 2411	Introduction to Statistics	3
MATH 2111	Linear Algebra	3
Area G - Major Requirements		
MATH 3101	Introduction to Number Theory	3
MATH 3112	Discrete Mathematics	3
MATH 3211	Ordinary Differential Equations	3
MATH 3213	Modern Geometry	3
MATH 3314	Math Statistics	3
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4111	Modern Algebra I	3
MATH 4112	Modern Algebra II	3
MATH 4211	Elements of Analysis I	3
MATH 4212	Elements of Analysis II	3
MATH 4214	Introduction to Complex Variables	3
MATH 4215	Numerical Analysis	3
MATH 4921	Senior Project 1	1
MATH 4922	Senior Project II	2
Courses Toward Minor		18
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

1. Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".
2. The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in Mathematics with a Nexus Option is for those students who want to add a Nexus Option to their degree in mathematics. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 42 semester hours in mathematics and 18 semester hours of a Nexus Option.

Albany State University has been approved by the Board of Regents of the University System of Georgia to offer two Nexus Options: Blockchain with Machine Learning and Blockchain with Data Analytics. The Nexus

Program is available to Undergraduate students and those who have completed a bachelor's degree and wish to acquire Blockchain, Data Analytics and Machine Learning certified training.

Under the Nexus Program, 18 hours of elective Area G courses (6 nexus degree courses) can be taken to earn a Nexus Option. A Nexus Option does not increase the number of hours you need to graduate. It is comprised of a group of 6 courses in Area G pertaining to the chosen Nexus Option and includes apprenticeships and internships to earn the Nexus Option alongside the bachelor's degree program the student is already undertaking. Further information can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu.

These courses are designed to engage the student academically while collaborating with industry partners for internship, apprenticeship and job placements with such companies as IBM, Microsoft, Google, Amazon, Geico, P&G, Miller-Coors and others. Students gain industry expertise, earn badges as proof of certain skills and become highly marketable upon graduation.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Code	Title	Semester Hours
Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) (p. 151) [1]		43
Area F: Courses Related to Major		
MATH 1211	Calculus I	4
MATH 2212	Calculus II	4
MATH 2213	Calculus III	4
MATH 2411	Introduction to Statistics	3
MATH 2111	Linear Algebra	3
Area G - Major Requirements		
MATH 3101	Introduction to Number Theory	3
MATH 3112	Discrete Mathematics	3
MATH 3211	Ordinary Differential Equations	3
MATH 3213	Modern Geometry	3
MATH 3314	Math Statistics	3
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4111	Modern Algebra I	3
MATH 4112	Modern Algebra II	3
MATH 4211	Elements of Analysis I	3
MATH 4212	Elements of Analysis II	3
MATH 4214	Introduction to Complex Variables	3
MATH 4215	Numerical Analysis	3
MATH 4921	Senior Project 1	1
MATH 4922	Senior Project II	2
Blockchain with Machine Learning Required Courses (18 hours)		
CSCI 4392	Introduction to Blockchain Technology	3
CSCI 4397	Blockchain Design Thinking [3]	3
CSCI 4389	Blockchain Coding and Implementation [3]	3
CSCI 4319	Introduction to Machine Learning	3
MATH 4611	Apprenticeship I [3]	3
MATH 4612	Apprenticeship II [3]	3
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

1. Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".
2. The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.
3. Further information about this program and the new courses can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu

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Code	Title	Semester Hours
Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) (p. 151) [1]		43
Area F: Courses Related to Major		
MATH 1211	Calculus I	4
MATH 2212	Calculus II	4
MATH 2213	Calculus III	4
MATH 2411	Introduction to Statistics	3
MATH 2111	Linear Algebra	3

Area G - Major Requirements		
MATH 3101	Introduction to Number Theory	3
MATH 3112	Discrete Mathematics	3
MATH 3211	Ordinary Differential Equations	3
MATH 3213	Modern Geometry	3
MATH 3314	Math Statistics	3
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4111	Modern Algebra I	3
MATH 4112	Modern Algebra II	3
MATH 4211	Elements of Analysis I	3
MATH 4212	Elements of Analysis II	3
MATH 4214	Introduction to Complex Variables	3
MATH 4215	Numerical Analysis	3
MATH 4921	Senior Project 1	1
MATH 4922	Senior Project II	2
Blockchain with Data Analytics Required Courses (18 hours)		
CSCI 3350	Introduction to Data Science with R and Watson	3
CSCI 4319	Introduction to Machine Learning	3
CSCI 1321	Introduction to Programming in R and Python	3
CSCI 4391	Data Mining [3]	3
MATH 4611	Apprenticeship I [3]	3
MATH 4612	Apprenticeship II [3]	3
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		124

1 Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

2 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

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Nexus Blockchain with Data Analytics Minor

Albany State University has been approved by the Board of Regents of the University System of Georgia to offer two Nexus Options: Blockchain with Machine Learning and Blockchain with Data Analytics. The Nexus Program is available to Undergraduate students and those who have completed a bachelor's degree and wish to acquire Blockchain, Data Analytics and Machine Learning certified training or those who wish to add it as a minor option within a bachelor's degree.

Under the Nexus Program, 18 hours of elective Area G courses (6 nexus degree courses) can be taken to earn a Nexus Option. A Nexus Option does not increase the number of hours you need to graduate. It is comprised of a group of 6 courses in Area G pertaining to the chosen Nexus Option and includes apprenticeships and internships to earn the Nexus Option alongside the bachelor's degree Program the student is already undertaking. Further information can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu.

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Code	Title	Semester Hours
CSCI 3350	Introduction to Data Science with R and Watson	3
CSCI 4319	Introduction to Machine Learning	3
CSCI 1321	Introduction to Programming in R and Python	3
CSCI 4391	Data Mining [1]	3
CSCI 4611	Apprenticeship I [1]	3
CSCI 4612	Apprenticeship II [1]	3
Total Semester Hours		18

1 Further information about this program and the new courses can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu

Nexus Blockchain with Machine Learning Minor

Albany State University has been approved by the Board of Regents of the University System of Georgia to offer two Nexus Options: Blockchain with Machine Learning and Blockchain with Data Analytics. The Nexus Program is available to Undergraduate students and those who have completed a bachelor's degree and wish to acquire Blockchain, Data Analytics and Machine Learning certified training or those who wish to add it as a minor option within a bachelor's degree.

Under the Nexus Program, 18 hours of elective Area G courses (6 nexus degree courses) can be taken to earn a Nexus Option. A Nexus Option does not increase the number of hours you need to graduate. It is comprised of a group of 6 courses in Area G pertaining to the chosen Nexus Option and includes apprenticeships and internships to earn the Nexus Option alongside the bachelor's degree Program the student is already undertaking. Further information can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu.

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Code	Title	Semester Hours
CSCI 4392	Introduction to Blockchain Technology	3
CSCI 4397	Blockchain Design Thinking [1]	3
CSCI 4389	Blockchain Coding and Implementation [1]	3
CSCI 4319	Introduction to Machine Learning	3
CSCI 4611	Apprenticeship I [1]	3

CSCI 4612	Apprenticeship II [1]	3
Total Semester Hours		18

[1] Further information about this program and the new courses can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu

Department of Sociology and Psychology

Sociology and Psychology

Our department is comprised of two Bachelor of Arts programs, Sociology and Psychology; and an Addiction Counseling certificate program. As well, our department is oriented to providing access and undergraduate training leading to the bachelor degrees in Sociology or Psychology.

The mission of the Sociology Program is to prepare and equip students with the necessary tools to enable them to secure admission into graduate school in sociology, public administration, law, criminal justice or social work and successfully compete and secure gainful employment. The Psychology Program is designed to prepare students for graduate studies and employment in a wide range of organizations, including social service agencies, mental health and allied health fields, and teaching fields. The Addiction Counseling certificate, a fully online program, prepares students to explore careers in a number of addiction settings and provides the essential skills needed for addiction professionals including but not limited to; treatment admission, clinical assessment, counseling services and case management.

The department offers minors in Addiction Counseling, Psychology and Sociology to enhance employment opportunities and/or preparation for graduate school. Each of the minors requires eighteen (18) semester hours of lower and upper level courses.

Programs in the Department of Sociology and Psychology

- Degree information for the Associate of Arts in Core Curriculum with a Psychology Transfer Pathway (p. 154)
- Degree information for the Associate of Arts in Core Curriculum with a Sociology Transfer Pathway (p. 154)

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A

- Addiction Counseling Certificate (p. 216)
- Addiction Counseling Minor (p. 216)

P

- Psychology Minor (p. 217)
- Psychology, Bachelor of Arts (p. 217)

S

- Sociology Minor (p. 218)
- Sociology, Bachelor of Arts (p. 218)

HUST 1100. Introduction to Human Services. (3 Credits)
This course is designed to provide the student with an awareness of the conditions in modern society that impact the health of individuals, families, & communities. It provides an introduction to the field of human services. Topics include the history and philosophical foundations of human services and the identification of populations served by human service workers. The principles of human services, essential skills, & roles required to develop an appreciation of what it means to be a human services worker are emphasized. Students will also explore current trends and changes in the human services and health care delivery system; the emerging data base on the mind-body relationship in health and illness. Attention is specifically given to managed care and its impact on health care delivery, the biopsychosocial model of assessment and diagnosis, and the interpretation of journal articles from professional health-related publications. Prerequisite: Completion or exemption of all learning support requirements. Offered: Fall and on demand.

HUST 1110. Families and Other Systems. (3 Credits)
This didactic and experiential course provides an introduction to family systems theory and its implication in family assessment, family therapy, and agency/ institution analysis. Topics include an historical perspective on the evolution of family therapy, basic system theory concepts as applied to families and other systems, the family life cycle, and an overview of the major models of family therapy. The student will learn basic family assessment methods and interventions to enable the development of initial treatment plans and facilitate the referral of families to the appropriate community resources. Prerequisites: PSYC 1101 or permission of the instructor. Offered: Spring.

HUST 2000. Group Theory & Processes. (3 Credits)
This course is designed as an introduction to the theory and process of group interaction. It will combine didactic and experiential activities that will enable the student to become familiar with different types of groups, to recognize the dynamics of group functioning, to understand the rationale for group work, to recognize the skills required to become an effective group facilitator, and to have direct experience in planning, participating in, and leading a group session. Prerequisites: Permission of the instructor. Offered: Spring, Summer.

HUST 2050. Counseling Theories & Methods. (3 Credits)
This course provides an introduction to the major theories of counseling. For each identified theory, basic concepts, definitions of health and normalcy, and strategies and interventions will be examined. The student will apply these theories to real case examples and will develop his/her own theory of counseling. Prerequisites: Permission of the instructor. Offered: Fall.

HUST 3650. Applied Community Health. (3 Credits)
This course will focus on a variety of healthcare settings. The student is introduced to the field of community health and to the provision of services to people with a wide range of health problems, including a specific emphasis on patient/client populations with disabilities. Topics covered include basic concepts of health/mental health; major types of disabilities; practical usage of the DSM-V; co-occuring disorders and treatment issues; personality disorders and addicted patients/clients; and commonly used interventions to prevent, promote, and/or restore the health/mental health of individuals, families, and groups. Pre-requisites: ENGL 1101, ENGL 1102, PSYC 1101, or permission of instructor. Co-requisite: None. Offered: Fall, Summer.

HUST 3700. Understanding and Treating Addictions. (3 Credits)
This course is designed to provide basic knowledge in the field of addictions. Emphasis is in three major areas: the biopsychosocial factors of alcoholism, drug addiction, and other types of addiction; the pharmacology of psychoactive substances, and the eight components of the skill groups in addiction counseling. Course material will be directly linked for those students working in addiction/substance abuse treatment settings or wishing to. Pre-requisites: ENGL 1101, ENGL 1102, PSYC 1101, or permission of instructor. Co-requisite: None. Offered: All semesters.

HUST 3750. Current Trends in Addiction & Mental Health. (3 Credits)
This course addresses contemporary issues in addictions and mental health. Emphasis is in four major areas: ethnic and cultural issues that influence diagnosis, treatment and utilization of services, special populations such as consumers/clients with HIV/AIDS; co-occuring disorders; and matching treatment services to individual client needs (i.e., brief therapy, partial hospitalization, outpatient treatment, etc.). In addition, attention will be given to the following current issues in the fields: treatment issues for adolescent and geriatric consumers/clients; spiritual concerns and disciplines; gay/lesbian issues; psychopharmacology; relapse dynamics and prevention; and managed care and treatment costs. Pre-requisites: HUST 3700 or permission of instructor. Offered: Fall, Spring.

PSYC 1101. General Psychology. (3 Credits)
Introduction to the science of psychology. Major topics including learning, memory, motivation, personality, social behaviors, maturation, and development.

PSYC 2103. Human Growth & Development. (3 Credits)
An introductory, non-laboratory based examination of human development across the lifespan with an emphasis on normal patterns of physical, cognitive, and social development. Prerequisite: PSYC 1101. Offered: All semesters.

PSYC 2210. Professions of Psychology. (1 Credit)
The purpose of this one-credit, required course for psychology majors, is to provide you with information and skills that will help you select and pursue a career in psychology or a related field.

PSYC 2225. Intro to Abnormal Psychology. (3 Credits)
A survey of the symptoms, causes and treatments of the various categories of mental disorders listed by the American Psychiatric Association in the current edition of the Diagnostic and Statistical Manual (DSM). Prerequisite: PSYC 1101. Offered: All semesters .

PSYC 2226. Introduction to Social Psychology. (3 Credits)
This course is designed to introduce students to the basic concepts of social psychology. Included are topics such as: social judgments, the formation of attitudes, gender and diversity, the perception of other people, conformity and obedience, group influence, prejudice, aggression, and conflict and peacemaking. Prerequisite: PSYC 1101. Offered: All semesters.

PSYC 2240. Psychology of Stress. (3 Credits)
Psychology of stress factors producing stress in one's daily life with attention to their physiological and psychological effects. Much of the course will deal with developing effective techniques for coping with stress. Prerequisites: PSYC 1101 Offered: Fall, Spring .

PSYC 2250. Sensation and Perception. (3 Credits)
An introduction to sensory process and the psychology of perception. Topics include principles of sensation, organization of visual perception, motivation and perception. Prerequisites: PSYC 1101. Offered: Spring.

PSYC 2260. Humanistics Psychology. (3 Credits)
An introduction to the philosophy of humanism as treated by Allport, Rogers, Fromm, Maslow and others. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 2270. Psychology of Ethics. (3 Credits)
Special attention to the ethics of behavioral control, punishment and reward systems; the use of testing and physiological technology in such areas as advertising, propaganda and brainwashing. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 2271. Practicum I. (3 Credits)
This course provides an opportunity for students majoring in Psychology to gain practical experience in agency settings. It can be taken at any level between sophomore and senior status. Students spend a minimum of 10 hours per week in an agency which must be germane to the student's interest and approved by advisor. Students are expected to defray cost of transportation to and from agencies and other professional expenses incidental to this experience. Prerequisites: PSYC 2270 Offered: Fall, Spring.

PSYC 2272. Practicum II. (3 Credits)
This course provides an opportunity for students to continue in the agency and take a second practicum in an agency that differs from the one used for Practicum I. Students are expected to defray cost of transportation to and from agencies and other professional expenses incidental to this experience. Prerequisites: PSYC 2270, and PSYC 2271. Offered: Fall, Spring.

PSYC 2275. Interviewing Practicum. (3 Credits)
The course provides an opportunity for students to acquire skills necessary for effective interviews with people seeking help. Extensive use is made of role plays by students which are videotaped and replayed for analysis. Course gives attention to interviewing families, as well as, individuals, securing needed information, handling racial difficulties, handling anger, and handling client requests. Prerequisite: PSYC 2270. Offered: Fall, Spring.

PSYC 2280. Psychology of Women. (3 Credits)
The changing role of women with specific attention to economic, social and emotional independence goals of women; adjustment to new status by women and ways of the public on the role of the "new woman" Prerequisite: PSYC 1101 Offered: Fall, Spring.

PSYC 2282. Human Behavior and The Environment. (3 Credits)
Examines the ecological approach to human behavior, enabling the student to identify the stages and characteristics of normal human growth and development within the context of the social environment. Covered is psycho-social development from before birth to old age, the impact of environment, family functioning and group functioning. Prerequisite: PSYC 1101 Offered: Spring .

PSYC 2290. Foundations of Learning & Motivation. (3 Credits)
Examines the critical impact of experience on human thought and behavior. Emphasis is placed on the process and principles which have been shown to underlie human learning, memory, and motivation. Social warning and cognitive approaches are discussed as well as behavioral approaches. Prerequisite: PSYC 1101 Offered: Fall.

PSYC 2295. Psychology of Adjustment. (3 Credits)
Focus on adjustment and personal growth. Topics include adjustment problems and psychotherapy, stress and defense coping, assertive and self-directed behaviors Prerequisite: PSYC 1101 Offered: Fall.

PSYC 2296. Psychology of Human Sexuality. (3 Credits)
Surveys the numerous psychological, social, and cultural factors affecting human sexual behavior. Topics include values and sexual decision-making, sexual anatomy and physiology, research methods, sexual diversity, sex education, reproduction, sexually transmitted diseases, sexual disorders and therapeutic techniques. Prerequisite: PSYC 1101 Offered: Fall .

PSYC 3000. Industrial Psychology. (3 Credits)
A course designed to acquaint the student with the application of psychological principles of human interaction in industrial and business settings, personnel selection, job evaluation, advertising and other business management areas. Prerequisites: PSYC 1101 Offered: Fall, Spring .

PSYC 3001. Child Psychology. (3 Credits)
A concentration on the emerging self into adolescence. Focus on perceptual-motor, interpersonal and cognitive self systems. Topics include heredity, prenatal, physical, cognitive and emotional development. Prerequisites: PSYC 1101 Offered: Fall.

PSYC 3002. Adolescent Psychology. (3 Credits)
The mental, moral, emotional and social development of the adolescent young adult. A critical evaluation of the adolescent problems, needs, interests, and potentials. Prerequisites: PSYC 1101 Offered: Fall.

PSYC 3302. Introduction to Exceptional Children. (3 Credits)
A course designed to acquaint the student with the trends, etiology, growth and development, characteristics, needs and problems of exceptional children. Prerequisite: PSYC 1101 Offered: Spring.

PSYC 3307. Physiological Psychology. (3 Credits)
A course designed to familiarize the students with the physiological bases of behavior, the nervous system, the endocrine system, and research techniques in physiological psychology. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 3309. Introduction to Psychopharmacology. (3 Credits)
The roles of psychotropic agents in society and the treatment of mental illness and behavioral disorders regarding psychotropic agents will be examined. Prerequisites: PSYC 1101, 2270, and 3307. Offered: Fall .

PSYC 3310. Drug Physiology and Classification. (3 Credits)
This course examines the principles of drug action and physiology. Drug classification, tolerance, dependence, and models of addiction will be topics that are emphasized. Prerequisites: PSYC 1101, PSYC3307 Offered: Fall .

PSYC 3311. Substance Abuse and Treatment. (3 Credits)
The course examines substance abuse and dependence, substance intervention techniques, and methods of treatment. Other topics will include impact of substance abuse on the family and the community and an analysis of rehabilitation methods. Prerequisites: PSYC 1101, PSYC 3310, PSYC 3307 Offered: Spring .

PSYC 3312. Introduction to Group Process. (3 Credits)
A review of the basic group concepts, treatment techniques, and empirical research that supports the clinical and counseling uses of group procedures with client populations. Ethical standards are also reviewed in this course. Prerequisites; PSYC 1101 Offered: Fall.

PSYC 3320. Psychology of Personality. (3 Credits)
A systematic study of the natural development of personality. Emphasis is placed on empirical findings, concepts and theories derived from experimental and clinical research. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 3322. Abnormal Psychlogy. (3 Credits)
An advanced study of various areas encompassed within the term "Abnormal behavior." Emphasis is placed upon the restrictive milieu of the mentally ill, therapy, techniques and the symptomatology of emotional disturbances. Prerequisites: PSYC 1101 Offered: Spring .

PSYC 3324. Culture and Personality Development. (3 Credits)
A study of cultural focuses that influence the development of personality. Topics include socialization, nurture vs. nature, social differentiation, language and geographical variation. Prerequisite: PSYC 1101 and SOCI 1101. Offered: Fall, Spring .

PSYC 3329. Community Mental Health. (3 Credits)
This course is designed to emphasize the effects of social systems on human adjustment and functioning. Social planning is considered as a means for promoting positive mental health. Topics include community resources, effective services, and delivery and utilization of human services and program evaluation. Observation and "laboratory"/ field experiences will be required Prerequisite: PSYC 1101 Offered: As needed .

PSYC 3340. Psychology of Religion. (3 Credits)
A course designed to examine the psychological aspect of religion. The topics include the impact of religious attitudes, perception and sensory activities of the individual. Prerequisites: PSYC 1101 or SOCI 1101 Offered: As needed .

PSYC 3353. Counseling the Aged. (3 Credits)
A survey of programs in later life and an overview of related counseling techniques. Prerequisites: SOCI 3350, PSYC 1101 Offered: As needed .

PSYC 3370. Introduction to Behavioral Modification. (3 Credits)
Focuses on the application of operant conditioning and cognitive control techniques to improve behavior in a variety of therapeutic settings and everyday situations. Details on how to implement, use and evaluate various techniques are discussed along with related ethical issues. Prerequisite: PSYC 1101 Offered: Fall .

PSYC 3371. Juvenile Delinquency. (3 Credits)
The nature and extent of juvenile delinquency, analysis of patterns and sociological theories of causations, the role of the police and the courts. Prerequisites: PSYC 1101 Offered: Fall, Spring .

PSYC 4300. Behavorial Statistics. (3 Credits)
An introduction to statistical concepts, methods and techniques used in behavioral sciences. Topics include:frequency distributions, graphs, measures of central tendency, variability, standard scores and the normal curve, correlational techniques, hypothesis testing, sampling, theory, and the significance of differences. Prerequisite: MATH 1111, MATH 2411, Grade of C or better Offered: Fall, Spring .

PSYC 4304. Behavorial Research. (3 Credits)
An introduction to research procedures used in the behavioral sciences including experimental design, research methodology and scientific writing. Prerequisites: PSYC/SOCI/SOWK. 4300. Offered: Fall, Spring .

PSYC 4305. Introduction to Experimental Psychology. (3 Credits)
Emphasis placed on the application of experimental methods to the study of psychological phenomena, especially in the areas of learning. Selected laboratory experiments, demonstrations and collateral reading of experiments. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 4400. Health Pychology. (3 Credits)
The educational, scientific and professional contributions of the discipline of psychology to the promotion and maintenance of mental and physical health. Prerequisites: PSYC 1101 Offered: As needed .

PSYC 4401. Psychology of Aging. (3 Credits)
Examines the psychological aspects of aging with the emphasis on the sensory processes, learning psychomotor performance, mental functioning, motivation and interactions in health-behavior relations during the latter Years of the life cycle. Prerequisites: PSYC 1101 Offered: As needed .

PSYC 4411. Seminar in Family Dynamics. (3 Credits)
An examination of the socio-cultural and social psychological forces that influence family. Topics will include mobility aspirations, Social stratification, religion, education, and geographical location. Prerequisite: PSYC 1101 Offered: Fall, Spring .

PSYC 4421. Principles of Psychological Testing. (3 Credits)
Emphasis on the empirical scientific approach to the construction, standardization, validation and interpretation of the psychological tests. Critical examination of the more important types of and measurements. Special attention is given to the problem of testing minority groups. Laboratory exercises are required. Prerequisites: PSYC 1101 Offered: Fall.

PSYC 4425. Introduction to Counseling. (3 Credits)
An introduction to the principles and techniques of counseling with emphasis on counseling approaches. Major topics include the counselor's viewpoints and practices, conditions which influence counseling and contemporary issues in counseling. Prerequisite: PSYC 1101 Offered: Fall, Spring .

PSYC 4464. Social Psychology. (3 Credits)
This course integrates the theories of both classic and contemporary interest in social psychology with real world experiences. Topics include but are not limited to; multiple forms of social influence; intergroup processes; stereotyping, prejudice, and stigma; attribution theory; social cognition; cognitive dissonance theory; core social and self-motives; the social self; attitudes and persuasion; and attraction and close relationships. This upper level course is intended for juniors and seniors who have some background in social or cultural psychology and wish to gain a deeper understanding of major issues in the field. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 4465. History and Systems of Psychology. (3 Credits)
A course designed to deal with the systems and historical background of modem psychology with emphasis on the development of scientific and behavioral approaches. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 4492. Independent Study. (3 Credits)
Offers opportunities for students to design and pursue a course of study via contractual arrangements with a sponsoring faculty member. Detailed information and description of requirements can be obtained from the department office. Offered: As needed .

PSYC 4499. Psychological Seminar. (3 Credits)
Psychological Seminar is designed to be the culminating experience of the Bachelor of Arts program in Psychology. It provides psychology majors with opportunities to reflect on the science and profession of psychology as a whole and to consider their future interests and direction. All students complete a research project that reflects an in-depth investigation of a topic of interest in current psychological research. For students continuing their education, the course addresses a number of best practices as it relates to graduate school preparation and success, as well as projecting a positive and professional image. For students pursuing their professional careers, this course provides helpful tools and tips for developing proper business etiquette and interpersonal skills; writing competitive letters, resumes and e-portfolios. Prerequisites: PSYC 1101 Offered: Fall, Spring .

SOCI 1101. Introduction to Sociology. (3 Credits)
A survey of the discipline of sociology. Topics include sociological theory, group formation, deviance and major social institutions. Offered: All semesters.

SOCI 1160. Introduction to Social Problems. (3 Credits)
A theoretical and empirical analysis of selected major social problems confronting American society. Students who choose this option are required to volunteer 50 hours during the semester as well as attend the SOCI 1160 class. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: All semesters.

SOCI 2031. Intro to Anthropology. (3 Credits)
A survey of the concepts, methods and procedures used to study primitive and non-western cultures. Offered: Fall, Spring.

SOCI 2034. Social Org of Health Care. (3 Credits)
The content of the course is both theoretical and empirical and is designed to acquaint students with a working knowledge of the important issues and research which characterize inquiry into the social organizations of health care and to foster a critical understanding of the processes that influence health and health care policy in a complex society such as the United States. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) Offered: Fall .

SOCI 2060. Medical Sociology. (3 Credits)
This course examines how health, illness, disease and healing are related to social structure and social processes. We will investigate how the social organization of American society influences, not only the types and distribution of disease and illness, but also how the health care system responds to these contingencies. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) Offered: Fall .

SOCI 2271. Practicum I. (3 Credits)
This course provides an opportunity for students majoring in sociology to gain practical experience in agency settings. It can be taken at any level between sophomore and senior status. Students spend a minimum of 10 hours per week in an agency which must be relevant to student interest and approved by adviser. Prerequisite: Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 1160 OR SOCI 2601.(Urban Social Problems ASU) Offered: Spring.

SOCI 2272. Practicum II. (3 Credits)
This course provides an opportunity for students to continue in the agency and take a second practicum in an agency. Students are expected to defray costs of transportation to and from agencies and other professional expenses incidental to this experience. Prerequisite: SOCI 2271. Offered: Fall, Spring .

SOCI 2275. Interviewing Practicum. (3 Credits)
This course provides training in interviewing people who seek help in solving problems. Video recordings are made as students practice interviews and these are analyzed. PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 2282. Social Basis of Human Behavior. (3 Credits)
This course covers the ecological approach to human behavior. The purpose of this course is to enable the student to identify the stages and characteristics of normal human growth and development within the context of the social environment. Topics include psychosocial development, family functioning and group functioning. Observational and laboratory/field experiences required. Prerequisite: PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 2291. The Sociology of Gender Roles. (3 Credits)
An investigation of traditional sex roles in various organizations, institutions; alternatives to these roles, sexism and sexuality. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 2293. Introduction to Marriage and Family. (3 Credits)
This course will examine contemporary marriage and family in American society. Topics include gender roles, sexual values, dating and mate selection, alternative families and lifestyles, communication and conflict, domestic violence and dysfunctional families. Pre-requisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Co-requisite: None. Offered: Fall, Spring.

SOCI 2340. Psychology of Religion. (3 Credits)
An examination of psychosocial components of various world religions will be covered. Prerequisites: PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 2637. Sociology of the Body & Health. (3 Credits)
This course will examine the body as central to public policy. Its contents include health and social care, covering a range of issues such as disability, old age, sexuality, consumption, food and public space, constructions of the body and different social groups. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall.

SOCI 3001. Culture and Global Citizenship. (3 Credits)
This course explores various cultures, globalization and global citizenship. Pre-requisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 3241. Culture and Personality. (3 Credits)
This course will examine various ways in which sociocultural forces impact individual personality traits. Specifically, how social location influences micro level processes. Pre-requisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3311. The Family. (3 Credits)
The study of family as a basic social institution, with emphasis on academic, structural, functional and historical approaches through which the family may be analyzed. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall .

SOCI 3312. The Black Family. (3 Credits)
An examination of the Black family in America, with special emphasis on historical development of this family from slavery through current time. Prerequisite: Pre-requisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 3318. Comparative Ethnology. (3 Credits)
An intensive study of the culture of selected areas of the world, such as Japan, Philippines, Caribbean and South America. Particular attention will be given to such topics as kinship, religion, politics, law and economics. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 2031. Offered: As Needed .

SOCI 3320. Global Health Disparities. (3 Credits)
This course provides students with an understanding of global health issues with an emphasis on low and middle income countries and the health issues facing these countries. The course will cover topics such as child and maternal health, nutrition, communicable and noncommunicable diseases, environmental issues, health systems, and improving global health. The link between health, social and economic factors will also be addressed, in addition to how these factors can be assessed. This course will be an online course, providing students with additional opportunities to view videos, movies and online related material. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 3321. Population Problems. (3 Credits)
An analysis of the growth, composition, distribution and future trends of population with particular reference to the United States. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring.

SOCI 3322. Social Institutions. (3 Credits)
The development and change of basic social institutions: family, government, economy, education and religion. Also, an analysis of the role of social institutions in creating and sustaining the sociologist. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3323. Social Movements. (3 Credits)
A study of social confrontations and alienation generating social movements, and the impact of movements on the social order. Prerequisites: PSYC 1101; SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3324. Culture and Personality Development. (3 Credits)
A study of cultural forces that influence the development of personality. Topics will include socialization, nature vs. nurture, social differentiation, language and geographical variation. Prerequisites: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall .

SOCI 3329. Community Mental Health. (3 Credits)
This course is designed to critically examine mental healthcare in the United States while focusing on misconceptions of mental illness. Prerequisites: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall .

SOCI 3330. Drug Physiology & Classification. (3 Credits)
The course examines the principles of drug action and physiology. Drug classification, tolerance, dependence, and models of addiction will be topics that are emphasized. Prerequisites: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3331. Substance Abuse & Treatment. (3 Credits)
This course examines substance abuse and dependence, substance intervention techniques, and methods of treatment. Other topics will include impact of substance abuse on the family and the community and an analysis of rehabilitation methods. Prerequisites: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3340. Intergroup Relations. (3 Credits)
A study of sociocultural, psychological and ecological factors that influence behavior patterns of various social groups. Prerequisite: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 1160 OR SOCI 2601.(Urban Social Problems ASU) Offered: As Needed .

SOCI 3341. Sociology of Education. (3 Credits)
A study of education as a social institution, include school and community relations. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 1160 OR SOCI 2601.(Urban Social Problems ASU) Offered: As Needed .

SOCI 3342. Social Stratification. (3 Credits)
An analysis of normative techniques for stratifying social groups and institutionalized inequality engendered by this process. SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 1160 OR SOCI 2601. (Urban Social Problems ASU) Offered: Fall .

SOCI 3350. Social Gerontology. (3 Credits)
A survey of cross-cultural views on aging, social implications of again population, social adjustment to the process of aging, and societal reactions to and provisions for persons in later life. Prerequisite: PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) Offered: Fall.

SOCI 3353. Counseling and the Aged. (3 Credits)
A survey of problems in later life and an overview of related counseling techniques. Prerequisites: PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) Offered: As Needed .

SOCI 3354. Aging & Social Policy. (3 Credits)
This course focuses on societal responses to needs of the elderly with emphasis on the evolution and implementation of laws, initiatives, and elderly services. Special attention will be given to topics that include Social Security, Supplemental Security Income, Medicare, Age Discrimination in Employment Act, Action, the Living Will, Major Health directives, Health Care Reform, and other codes that impact on the welfare of elderly persons. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3360. Urban Sociology. (3 Credits)
A study of the processes and patterns of urban development along with impact of urbanism of social Interaction and societal organization. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall.

SOCI 3362. Political Sociology. (3 Credits)
A survey of major issues and problems in the field of Political Sociology, political power structures, and elitist and pluralist approaches to community power structures. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3366. Social Change. (3 Credits)
An analysis of theories, processes and implications of recent social changes. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring.

SOCI 3367. Sociology of Occupations. (3 Credits)
A study of occupational differentiation, institutions of work and relation of workers. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall.

SOCI 3368. Sociology of Housing. (3 Credits)
A study of housing as influenced by spatial distribution, socio-economic factors, demographic differentiation, governmental regulations and funding priorities. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring.

SOCI 3371. Juvenile Deliquency. (3 Credits)
The nature and extent of juvenile delinquency, analysis of patterns and sociological theories of causation, role of the police and courts. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 3381. Sociology of Religion. (3 Credits)
A study of the ways in which society, culture and personality influence religion and, conversely, how religion affects these sociocultural determinants of human behavior. Prerequisite: SOCI 2011. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 3386. Poverty & Welfare. (3 Credits)
The course is designed to acquaint the student with the nature, scope and effects of poverty. Emphasis is placed on historical social problems and the response of the welfare system to these problems. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 3456. Women of Health. (3 Credits)
This course focuses on the health issues of women living in United States of America from a critical sociological perspective. This course emphasizes health concerns that are distinctive to women or that compare women to men. A major analytic focus will be an exploration of how lay, medical and research assumptions about women have developed and influenced the existing relationships between women, health and illness and health care systems. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 4300. Behavioral Statistics. (3 Credits)
An introduction to statistical concepts, methods and techniques used in behavioral sciences. Topics include frequency distributions, graphs, and measures of tendency, variability, standard scores and the normal curve, correlational techniques, hypothesis testing, sampling theory and significance differences. Prerequisite: Math 1111, Math 2411, Grade of C or better. Offered: Fall, Spring .

SOCI 4304. Behavioral Reasearch. (3 Credits)
An introduction to research procedures used in the behavioral sciences including experimental design, research methodology, and scientific writing. Prerequisite: SOCI 4300 Offered: Fall, Spring .

SOCI 4308. Health Disparities. (3 Credits)
This is a survey course of health disparities in the United States. This course explores the multi-faceted origins of health disparities as they exist in the U.S. Social injustice and inequality create conditions that lead to health inequities according to race, ethnicity, childhood experiences, gender, income, nationality and many other factors. This course highlights the real potential, vital importance and urgent need for solutions: health policies, systems, and programs that are culturally competent and relevant. We will explore research related to the origins of health disparities and then consider specific promising community based approaches to eliminating health disparities in the U.S. Prerequisites: SOCI 1101 Offered: Fall.

SOCI 4401. Psychology of Aging. (3 Credits)
This course examines the psychological aspects of aging with emphasis on the sensory processes, learning, psycho- motor performance, mental functioning, motivation, and interactions in health-behavior relations during the latter years of the life cycle. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 4411. Seminars in Family Dynamics. (3 Credits)
An examination of socio-cultural and socio-psychological forces that influence family. Topics include mobility aspirations, social stratification, religion, education, and geographical location. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 4425. Introduction to Counseling. (3 Credits)
An introduction to the principles and techniques of counseling approaches. Major topics include the counselor's role and functions, counseling viewpoints and practices, conditions which influence counseling and contemporary issues in counseling. Prerequisite: PSYC 1101. Offered: Fall and Spring .

SOCI 4435. Death & Dying. (3 Credits)
This course will focus on death, society, and human experience and several issues regarding treatment and nontreatment of the dying or those who wish to die. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring.

SOCI 4451. Social Theory. (3 Credits)
The development of sociology as influenced by scholars in Europe and the United States, with greater emphasis on the American Writers. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall .

SOCI 4454. Sociology Seminar. (3 Credits)
A course designed especially for senior sociology majors. Emphasis is placed upon synthesizing concepts, principles, theories and methodology of sociology via lectures, student reports, group discussions and closely supervised investigation. Prerequisite: Sociology Juniors or Seniors Offered: Fall .

SOCI 4464. Social Psychology. (3 Credits)
Scientific study of the experience and behavior of individuals in relation to other individuals, groups and cultures. Views individuals in foreground against a background of social forces with emphasis on the relationship between social interaction and the behavior of individuals. Prerequisite: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring.

Addiction Counseling Certificate

Welcome to the Addiction Counseling program where our motto is Helping and Healing. Addiction Counselors work with individuals who have alcohol, tobacco, drug, or other problems such as gambling and eating disorders. Addiction Counselors provide education, prevention, intervention, and/or rehabilitative services to individuals, families, and groups in a variety of settings. We are very excited to offer this program to our students as a certificate.

Certificate Program

Albany State University offers a certificate for individuals seeking to broaden their career opportunities or seeking to further their careers in addictions by completing the academic courses needed for the Certified Addiction Counseling (CAC I or CAC II) credential. This program is offered in a flexible format, with courses available online. Students may enter the program any semester and finish in three semesters, taking two classes a semester. Students who begin in the Fall semester, have the option of taking three classes in the Fall and three in the Spring in order to finish in two semesters.

Eligibility Requirements

Individuals must have a high school diploma order to sit for the CAC I exam or a bachelors degree to sit for the CAC II certification exam. However, individuals may complete the educational requirements before completing the bachelor's degree. Admission into the program requires:

- Successful completion of English 1101 and English 1102 with a grade of "C" or higher
- Successful completion of a General Psychology course

Addiction Counseling Certificate Program Required Courses

Code	Title	Semester Hours
Required Courses		
HUST 1110	Families and Other Systems	3
HUST 2000	Group Theory & Processes	3
HUST 2050	Counseling Theories & Methods	3
HUST 3650	Applied Community Health	3
HUST 3700	Understanding and Treating Addictions	3
HUST 3750	Current Trends in Addiction & Mental Health	3
Total Semester Hours		18

(270 Clock Hours)

Note: These courses have been approved by the Georgia Addiction Counseling Association's Requirement for educational hours only. Each class equals 45 hours towards the 270 clock hour requirement for CAC II, or the 180 hours for CAC I, or they may be used individually for CEU requirements.

Addiction Counseling Minor

A minor in Addiction Counseling requires a minimum of 18 semester hours.

Code	Title	Semester Hours
Required Courses		
****Must take the six courses below****		
HUST 1110	Families and Other Systems	3
HUST 2000	Group Theory & Processes	3
HUST 2050	Counseling Theories & Methods	3
HUST 3650	Applied Community Health	3

HUST 3700	Understanding and Treating Addictions	3
HUST 3750	Current Trends in Addiction & Mental Health	3
Total Semester Hours		18

Note: These courses have been approved by the Georgia Addiction Counseling Association's Requirement for educational hours only. Each course equals 45 hours towards the 270 clock hour requirements for CAC II, or the 180 hours for CAC I, or they may be used individually for CEU requirements.

Psychology Minor

A minor in Psychology requires a minimum of 18 semester hours.

Code	Title	Semester Hours
Required Courses		
PSYC 1101	General Psychology	3
PSYC 2270	Psychology of Ethics	3
PSYC 4304	Behavorial Research	3
Also Required	Any College Level Statistics Course with at Least a "C" Grade	
Upper Level Elective Courses [1]		9
****Must choose a minimum of three courses from the list below****		
PSYC 3000	Industrial Psychology	
PSYC 3001	Child Psychology	
PSYC 3002	Adolescent Psychology	
PSYC 3307	Physiological Psychology	
PSYC 3312	Introduction to Group Process	
PSYC 3320	Psychology of Personality	
PSYC 3322	Abnormal Psychlogy	
PSYC 3370	Introduction to Behavioral Modification	
PSYC 4425	Introduction to Counseling	
PSYC 4464	Social Psychology	
PSYC 4465	History and Systems of Psychology	
Total Semester Hours		18

[1] Note: Other upper level electives may be substituted.

Note: Please be aware that "double dipping" of courses between major and minor is not allowed. That is, if you are using a course towards your major, you cannot also use it towards the Psychology minor. If you have any questions about this policy, please ask your advisor.

Psychology, Bachelor of Arts

The major in Psychology provides courses that lead to a Bachelor of Arts degree in psychology. The student who majors in psychology gains a fundamental understanding of the principles of human thought, emotion and behavior programs. In addition to the program's emphasis on psychological factors and human learning, biological and social determinants of human behavior are also emphasized as well as research methods. This broad based training prepares students to understand, evaluate and influence their own behavior as well as the behavior of others. Because psychology is relevant to numerous fields, job opportunities for psychology majors are diverse and include employment in such areas as business and industry, educational settings, mental health agencies and hospitals, governmental agencies (including the military and law enforcement), etc. Students who plan to become professional psychologists or mental health practitioners will be prepared to continue their education in order to obtain a graduate degree in one of the more than 50 areas of specialization within psychology. The Psychology program is a member of the Council of Undergraduate Programs in Psychology. Departments with undergraduate programs in psychology, in institutions accredited for such purposes by their regional accrediting association, are eligible for membership on the council.

The major in Psychology requires:

1. Completion of a minimum of 125 semester hours with a cumulative grade-point average of at least 2.25.
2. Completion of all major courses with grades of "C" or above.
3. Completion of all required examinations: Psychology test of the Graduate Records Examination (GRE), or the Major Field Area Test and a departmental exit examination.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major [1]		
PSYC 1101	General Psychology	3
PSYC 2270	Psychology of Ethics	3
Select 12 semester hours from the following: [1]		12
SOCI 1160	Introduction to Social Problems	
ECON 2201	Survey of Economics	
SSCI 2402	Microcomputers in Social Science	
MDLG	Foreign Language (Option)	
PSYC 2295	Psychology of Adjustment	
CRJU 1100	Introduction to Criminal Justice	
Requirements for the Major		
Area G - Required Major Courses [1]		
PSYC 2210	Professions of Psychology	1
PSYC 4300	Behavorial Statistics (Behavioral is misspelled in 4300 and 4304)	3
PSYC 4304	Behavorial Research	3
PSYC 4305	Introduction to Experimental Psychology	3
PSYC 4465	History and Systems of Psychology	3
PSYC 4499	Psychological Seminar	3
Free Electives/Minor [1]		
Select 17 semester hours of Free Electives or Minor. A Minimum of 9 Credits in Upper Level Courses Required		17
Major Electives		
Select 27 semester hours. Minimum of 15 Credits of 3000-4000 level Electives Required		27
PSYC 2240	Psychology of Stress	
PSYC 2250	Sensation and Perception	
PSYC 2260	Humanistics Psychology	
PSYC 2271	Practicum I	
PSYC 2275	Interviewing Practicum	
PSYC 2280	Psychology of Women	
PSYC 2282	Human Behavior and The Environment	
PSYC 2290	Foundations of Learning & Motivation	
PSYC 2296	Psychology of Human Sexuality	
PSYC 3000	Industrial Psychology	

PSYC 3001	Child Psychology	
PSYC 3002	Adolescent Psychology	
PSYC 3307	Physiological Psychology	
PSYC 3309	Introduction to Psychopharmacology	
PSYC 3310	Drug Physiology and Classification	
PSYC 3311	Substance Abuse and Treatment	
PSYC 3312	Introduction to Group Process	
PSYC 3320	Psychology of Personality	
PSYC 3322	Abnormal Psychlogy	
PSYC 3324	Culture and Personality Development	
PSYC 3329	Community Mental Health	
PSYC 3353	Counseling the Aged	
PSYC 3370	Introduction to Behavioral Modification	
PSYC 3371	Juvenile Delinquency	
PSYC 4401	Psychology of Aging	
PSYC 4411	Seminar in Family Dynamics	
PSYC 4421	Principles of Psychological Testing	
PSYC 4464	Social Psychology	
PSYC 4492	Independent Study	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		123

[1] Grade of "C" or better.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Sociology Minor

A minor in Sociology requires a minimum of 18 semester hours.

Code	Title	Semester Hours
Required Courses		
SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3
Upper Level Elective Courses		12
Must choose a minimum of four courses from the list below [1]		
SOCI 3342	Social Stratification	
SOCI 3323	Social Movements	
SOCI 3329	Community Mental Health	
SOCI 3350	Social Gerontology	
SOCI 3362	Political Sociology	
SOCI 3366	Social Change	
SOCI 4435	Death & Dying	
SOCI 4464	Social Psychology	
SOCI 4300	Behavioral Statistics	
SOCI 4451	Social Theory	
SOCI 4304	Behavioral Reasearch	
SOCI 3321	Population Problems	
SOCI 3320	Global Health Disparities	
SOCI 3456	Women of Health	
SOCI 4308	Health Disparities	
Total Semester Hours		18

[1] NOTE: Other upper level electives may be substituted.

Sociology, Bachelor of Arts

The major in Sociology provides courses that lead to a Bachelor of Arts degree in sociology. The sociology program offers a variety of courses designed to enhance the knowledge of socio-cultural environments, human social behavior and social groups. In contrast to psychology, which focuses on individual behavior, sociology examines human behavior at the group level. Sociologists attempt to explain how and why society changes over time, and how and why societies differ from one another. The program of study in sociology provides students with adequate competencies for successful graduate study in sociology, other related behavior sciences, gerontology and religion. The degree provides employment options at the bachelor's level and by carefully selecting sociology and allied electives, students can enhance their employment possibilities. Sociology majors can also pursue a dual degree with either psychology or social work as the second major.

The major in Sociology requires:

1. A minimum of 125 semester hours with a cumulative grade-point average of at least 2.0.
2. Completion of all major courses with grades of "C" or above.
3. Completion of all required examinations: Sociology Test of the Graduate Records Examination (GRE), or the Major Field Area Test and a departmental examination.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major [1]		
SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3
SOCI 2031	Intro to Anthropology	3
SOCI 2291	The Sociology of Gender Roles	3
Select 6 semester hours of the following: [1]		6
SSCI 2402	Microcomputers in Social Science	
ECON 2201	Survey of Economics	
POLS 2101	Introduction to Political Science	
POLS 2102	Introduction to Law	
MDLG	Foreign Language (Option)	
Requirements for the Major		
Area G - Major Requirements [1]		
SOCI 3321	Population Problems	3
SOCI 4300	Behavioral Statistics	3
SOCI 4304	Behavioral Reasearch	3
SOCI 4451	Social Theory	3
SOCI 4454	Sociology Seminar	3
Minor/Free Electives		
Select 18 Semester Hours of Free Electives or Minor. A minimum of 9 Credits in Upper Level Courses Required [1]		*18*
Area H: Major Courses [1]		

Select 27 Semester Hours. A minimum of 15 credits of 3000-4000 level courses are required.		*27*
SOCI 2271	Practicum I	
SOCI 2272	Practicum II	
SOCI 2275	Interviewing Practicum	
SOCI 2282	Social Basis of Human Behavior	
SOCI 2293	Introduction to Marriage and Family	
SOCI 3001	Culture and Global Citizenship	
SOCI 3311	The Family	
SOCI 3312	The Black Family	
SOCI 3318	Comparative Ethnology	
SOCI 3320	Global Health Disparities	
SOCI 3322	Social Institutions	
SOCI 3323	Social Movements	
SOCI 3324	Culture and Personality Development	
SOCI 3329	Community Mental Health	
SOCI 3330	Drug Physiology & Classification	
SOCI 3331	Substance Abuse & Treatment	
SOCI 3340	Intergroup Relations	
SOCI 3341	Sociology of Education	
SOCI 3342	Social Stratification	
SOCI 3350	Social Gerontology	
SOCI 3353	Counseling and the Aged	
SOCI 3354	Aging & Social Policy	
SOCI 3360	Urban Sociology	
SOCI 3362	Political Sociology	
SOCI 3366	Social Change	
SOCI 3367	Sociology of Occupations	
SOCI 3368	Sociology of Housing	
SOCI 3381	Sociology of Religion	
SOCI 3386	Poverty & Welfare	
SOCI 4308	Health Disparities	
SOCI 4401	Psychology of Aging	
SOCI 4411	Seminars in Family Dynamics	
SOCI 4425	Introduction to Counseling	
SOCI 4435	Death & Dying	
SOCI 4464	Social Psychology	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		123

1 Grade of "C" or better.

2 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Department of Visual and Performing Arts

The Department of Visual and Performing Arts offers a Bachelor of Arts in major specialty areas: Art, Music, Music Education, and Theatre and minors in Art, Dance, Music, Music Industry, and Theatre. The Associate of Arts degree is also available with pathways to art, music, and theatre.

The department also provides non-major courses in art, music, theatre, and dance in support of the liberal arts curriculum requirements of the University.

Visual Arts Concentrations

The Bachelor of Arts in Visual and Performing Arts degree with a concentration in Visual Art offers studio workshops in drawing, painting, ceramics, sculpture, graphics, and photography, as well as art history survey courses. The students learn a broad range of technical skills and professional practices through instruction and experiential learning. Visual Art students also have opportunities for interacting with visiting artists and arts professionals, hands on learning through organized exhibitions, and travel opportunities. Potential Art majors seeking admittance into the discipline must submit a portfolio of previous work for review and approval before major status is granted. Additionally, for acceptance into and graduation from the discipline, each student must have, and thereafter maintain a cumulative grade point average of 2.25 or better. Students must earn a minimum grade of C in each art course. Majors must complete the departmental exit examination and a senior exhibit.

Music Concentration

The Bachelor of Arts in Visual and Performing degree with a concentration in music offers applied concentrations in voice, piano, strings, wind instruments, and percussion. The program also offers courses in music theory, form and analysis, music history, and literature with emphasis on performance, leading to further study at the graduate or professional level. Participation in performance organizations relative to the student's area of applied specialty is also required. Music majors may enter the discipline either at the freshman or transfer level. It is important for entering freshman music majors to identify themselves before or upon registration, as there are music division entrance requirements. It is important that potential music majors immediately become enrolled in the proper sequential theory and applied classes which begin at the freshman level. Transfer students will enter at a stage commensurate with their level of proficiency and prior instruction. For acceptance into major vocal or instrumental applied courses students must have had prior instruction and demonstrate requisite proficiency via an audition before the music faculty. A second juried audition prior to acceptance into junior level applied courses is also required. Candidates for graduation must perform junior and senior recitals. Additionally, for acceptance into and graduation from the discipline, each student must have and maintain a cumulative grade point average of 2.25 or better. All majors must earn a minimum grade of C in each music course. Majors must take the Departmental Exit Exam.

Music Education Concentration

The music education program will offer study leading to The Bachelor of Arts degree with applied concentrations in one of the following categories: choral/vocal, instrumental/piano. Degree requirements will be completed primarily in the music area of the Department of Visual and Performing Arts, however, the teaching certification will be earned through the College of Education. Curriculum components of the program of study are

1. Area A-E - University Core Courses,
2. Area F - Courses Related to the Major,
3. Area G - Major Requirements; and
4. Area H - Teacher Education Courses.

In order to be admitted to the Music Education Program, students must first meet all college admittance requirements. Additionally, students must audition on a major instrument or voice for acceptance into the program, and must meet the requirements of the College of Education for admission to the Teacher Education Program.

The non-course requirements include:

1. A 2.5 GPA
2. Passing the GACE I Exam (for full admittance into the Teacher Education Program and to be able to student teach).
3. Passing of GACE II (required for student teaching and graduation).
4. Beginning School Experience (two-week internship at one of the public schools during the first two weeks of school).
5. Student membership in the College Music Educators National Conference (CMENC), and the National Education Association (NEA) or the Professional Association of Georgia Educators (PAGE).

Theatre Concentration

The Bachelor of Arts in Visual and Performing Arts with a concentration in Theatre is designed to provide maximum flexibility in meeting the varied interests and career objectives of its students. The Theatre concentration has specific requirements, i.e., dramatic performances, qualifying examinations, and oral presentations. Theatre majors are required to have a grade point average of 2.25 or better to enter and exit the program in Theatre. A grade of C or better is required in all major courses. Majors must also complete the Departmental Exit Examination.

Minors in Visual and Performing Arts

The **Visual Art Minor** requires eighteen (18) credit hours of lower and upper level prescribed courses. The **Associates Degree in Core Curriculum** with a transfer **Pathway to Art** requires the completion of the core curriculum plus the prescribed area F in the art discipline.

The **Music Industry Minor** is designed to meet the needs of students who are interested in a career in one of the many areas of the music industry, including merchandising, sales, manufacturing, publication, recording, and arts management. The music industry minor places emphasis on both music and business courses and is open to students in other majors who have some background in music. The Music Industry minor requires fifteen (15) credit hours of lower and upper level prescribed courses in music, music industry, and business.

The **Music Minor** requires eighteen (18) credit hours of lower and upper level prescribed courses. The **Associates Degree in Core Curriculum** with a transfer **Pathway to Music** requires the completion of the core curriculum plus the prescribed area F in the music discipline.

The **Theatre Minor** requires eighteen (18) credit hours of lower and upper level prescribed courses. The **Associates Degree in Core Curriculum** with a transfer **Pathway to Theatre** requires the completion of the core curriculum plus the prescribed area F in the theatre discipline.

Programs in the Department of Visual and Performing Arts

- Degree information for the Associate of Arts in Core Curriculum with an Art Transfer Pathway (p. 154)
- Degree information for the Associate of Arts in Core Curriculum with a Dance Transfer Pathway
- Degree information for the Associate of Arts in Core Curriculum with a Music Transfer Pathway (p. 154)
- Degree information for the Associate of Arts in Core Curriculum with a Music Education Transfer Pathway (p. 154)
- Degree information for the Associate of Arts in Core Curriculum with a Theater Transfer Pathway

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- A (p. 220)
- B
- C
- D (p. 220)
- E
- F
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A

- Art (Visual) Minor (p. 240)

D

- Dance Minor (p. 241)

M

- Music Industry Minor (p. 241)
- Music Minor (p. 241)

T

- Theatre Minor (p. 242)

V

- Visual and Performing Arts, Bachelor of Arts (p. 242)

ARTS 1001. Design I-Fundamentals of Design. (3 Credits)
This course involves the fundamentals of two-dimensional design introduced through projects in a variety of media. The course is composed of several projects that will emphasize the visual and intellectual aspects of form, visual awareness, analytical thinking, craftsmanship, use of media and techniques, and the application of design principles. Prerequisites: None.

ARTS 1031. Drawing I-Basic Drawing. (3 Credits)
Introduction to the techniques, materials and principles of drawing with an emphasis on observational drawing.

ARTS 1100. Art Appreciation. (3 Credits)
Selected examples of work from a cross section of historical and contemporary visual art forms will be examined in terms of our evolving visual vocabulary. Attention to contributions of cultures, past and present. ART 1100 and FIAR 2250 are related courses; one one can count toward graduation. Offered: Fall, Spring, Summer.

ARTS 1102. Introduction to Visual and Performing Arts. (1 Credit)
A general introduction and study of the history and literature of music, the visual arts, and the dramatic arts. Taught in three segments: art, music and the dramatic arts, respectively, the course will provide a developmental overview of creativity and scholarship in each area of discipline. Also, the course features exposure to and discussion about a selection of the most representative masterworks from each of the disciplines.

ARTS 2002. Design II-Fundamentals of Design. (3 Credits)
Further development of concepts begun in Design I, plus introduction to three-dimensional design. Emphasis is given to working creatively with hand tools in a variety of materials and techniques. Prerequisite: ARTS 1001 or ARTS 1031 Offered: Spring.

ARTS 2032. Drawing II-Intermediate Drawing. (3 Credits)
A continuation of principles and concepts explored in Drawing I. Prerequisite: ARST 1031.

ARTS 2051. Painting I. (3 Credits)
Study of form, space, value, color, compoosition. Painting from man-made forms, natural forms, and imagination, the student will acquire a working knowledge of form control and development. Prerequisites: ARST 2002 and ARST 2032.

ARTS 2101. Sculpture I-Basic Sculpture. (3 Credits)
Study of elementary sculptural form and techniques. Explores and uses a variety of materials. Prerequisite: ARST 2001 and ARST 2002.

ARTS 2111. Photography 1. (3 Credits)
A studio course designed for the student who has advanced beyond the basic art structure courses and wishes to explore various media in order to develop skills, techniques, and a higher level of expertise. Prerequisites: None. Offered: On demand.

ARTS 2280. Art History Survey 1. (3 Credits)
This lecture course explores the history of the visual arts from the Prehistoric Period through Northern Renaissance. Topics include a study of the visual arts, painting, sculpture, architecture, and related arts, against the background of cultural, political, and economic development. Prerequisite: None. Offered: On demand.

ARTS 2285. Art History Survey II. (3 Credits)
This lecture course explores the history of the visual arts from the Baroque Period through the twentieth century with major focus on epochs of Western art history. Topics include painting, architecture, sculpture, and design. Prerequisite: None. Offered: On demand.

ARTS 3052. Painting II-Intermediate Painting. (3 Credits)
Continued exploration and experimentation with the formal problems and concepts developed in Painting I. Prerequisite: ARST 2051.

ARTS 3081. Ceramics I-Introduction to Ceramic Art. (3 Credits)
Introduction to the materials, tools and techniques of ceramics. Emphasis on hand- building techniques. Major Restriction.

ARTS 3082. Ceramics II. (3 Credits)
Continuation of Ceramics I with emphasis on decoration and glazes, firing and other building or forming techniques. Prerequisite: ARST 3081.

ARTS 3102. Sculpture II. (3 Credits)
Continuation of Sculpoture I. Emphasis will be placed on the use of the imagination on the development of more expressive sculptural form. Prerequisite: ARST 2101.

ARTS 3111. Photography II. (3 Credits)

ARTS 3201. Graphics I. (3 Credits)
Introductuion to the basic techniques, procedures and processes of graphic expression. Prerequisite: ARST 2032.

ARTS 3202. Graphics II. (3 Credits)
Continuation of Graphics I. Prerequisite: ARST 3201.

ARTS 4065. Special Problems in Painting. (3 Credits)
Intensive individual exploration in the area of painting. For minor and senior majors. Prerequisite: Approval of the Department Chairperson and a supervising teacher.

ARTS 4066. Special Problems in Sculpture. (3 Credits)
Intensive individual exploration in the area of sculpture. For minor and senior majors. Prerequisites: Approval of the Department Chairperson and a supervising teacher. Major restriction.

ARTS 4067. Special Problems in Graphics. (3 Credits)
Intensive individual exploration in the area of graphics. For minor and senior majors. Prerequisites: Approval of the Department Chairperson and a supervising teacher.

ARTS 4068. Special Problems in Drawing. (3 Credits)
Intensive individual exploration in the area of drawing. For minor and senior majors. Prerequisites: Approval of the Department of Chairperson and a supervising teacher. Restricted for art majors.

ARTS 4069. Special Problems in Art History. (3 Credits)
Intensive individual exploration in the area of art history. For minors and senior majors. Prerequisite: Approval of the Department Chairperson and a supervising teacher. Prerequisite: ARHA 4403.

ARTS 4070. Special Problems in Ceramics. (3 Credits)
Intensive individual exploration in the area of ceramics. For minor and senior majors. Prerequisites: Approval of the Department of Chairperson and a supervising teacher.

ARTS 4071. Special Problems in Design. (3 Credits)
Intensive individual exploraiton in the area of design. For minor and senior majors. Prerequisites: Approval of the Department of Chairperson and a supervising teacher.

ARTS 4072. Special Problems in Techniques and Materials. (3 Credits)
Intensive individual exploration in the area of techniques and materials. For minor and senior majors. Prerequisites: Approval of the Department of Chairperson and a supervising teacher.

ARTS 4201. Watercolor. (3 Credits)
Exploration of the aquarelle technique. Prerequisite: ARST 2032.

ARTS 4202. Digital Photography. (3 Credits)
This course addresses the theory and applications of digital photography, emphasizing the differences between new digital imaging processes and traditional photographic techniques. A lecture component will address the history of photography and an examination of the functions of light, color, and time as the crucial elements in capturing and image photographically (digital or analog). Assignments will require the production and alteration of digital photographs that will evidence mastery of specific skill sets, including camera operation, scanning processes, lighting, image editing, digital workflow, and output for print or posting.

ARTS 4403. Modern Art History. (3 Credits)
Study of modern art and of the artist and developments which helped shape the field from the Neoclassic and Romantic periods until today. Prerequisite: ARHA 3402.

ARTS 4406. African-American Art. (3 Credits)
Study of sources, prototypes and uses from such aspects as the philosophical, critical, visual, relevant to the history and development of African-American Art. Offered alternate years.

ARTS 4601. Seminar I. (3 Credits)
Study of current problems, trends, developments and personalities in the arts. Students will also utilize this class to develop a portfolio of their work. Prerequisites: Senior standing and consent of Department.

ARTS 4602. Seminar II. (3 Credits)
Senior. Continued study of the world of art, exhibitions, museums, galleries, etc. Student will also prepare and present a comprehensive exhibition of his or her work. Prerequisites: Senior standing and consent of Department Chairperson.

DANC 1000. Dance Performance. (1 Credit)
Dance Performance course is open to all students with a dance major or with an interest in dance who have been cast and/or do technical work for the dance production of the semester. Students will have to audition for roles in student, faculty and guests artists' works and then be case in works to be in this course. May be taken each semester to a maximum of four credit hours. Prerequisites: None. Corequisites: DANC 1740, DANC 1750, DANC 1760, DANC 1840, DANC 1850, DANC 1860 or permission of instructor. Offered: Fall, Spring.

DANC 1500. Dance Appreciation. (3 Credits)
This course surveys all aspects of dance as an art form, exploring related roles of the dancer, choreographer and spectator through historical inquiry, aesthetic perspectives, basic dance elements, and the creative process. Course material will be presented through a series of lectures, videos, historical and critical readings, discussions, reflective analytical writing, and actual movement experience. Prerequisite: None. Corequisite(s): None Offered: Fall and Spring.

DANC 1600. Dance Improvisation. (1 Credit)
Dance Improvisation explores movement initiated through various sources, including internal motivation. This course emphasizes individual and group interaction within structured and free improvisational situations for the purpose of developing the student's creative approach to composing and performing. Prerequisites: None. Corequsite(s): None. Offered: Fall.

DANC 1740. Modern Dance I. (1 Credit)
Modern Dance I introduces elementary modern dance technique and vocabulary. Techniques basic to this dance form plus somatic and motional properties as they relate to dance are emphasized. Special emphasis is placed on dynamic alignment, sensing and activating weight in the body, body awareness, increasing the student's ease and range of motion, balance, coordination and personal expression. Movement explorations take place on the floor, standing, and in sequenced movements through space. This course may be used as a PE activity course. Prerequisites: None.Corequsite(s): None. Offered: All semesters.

DANC 1760. Modern Dance III. (2 Credits)
This course continues the development of modern dance technique and vocabulary including somatic and motional properties as they relate to dance. Emphasis is placed on advanced-level integration of rhythms, dynamics, alignment, body awareness, balance, coordination and personal expression. Prerequisites: Modern II DANCE 1750 and/or permission from instructor Corequisite(s): None Offered: All semesters.

DANC 1840. Ballet Technique I. (1 Credit)
Ballet Technique I focuses on the development of elementary technical skills in ballet, including directions of the body, alignment, function and access of turnout, strength, flexibility, and use of the French ballet lexicon, with emphasis on safe and efficient body use. This course may be used as a PE activity course.Prerequisites: None. Corequsite(s): None. Offered: All semesters.

DANC 1850. Ballet Technique II. (1 Credit)
Ballet Technique II focuses on the development of intermediate technical skills in ballet, including safe and efficient alignment and clear articulation of movement vocabulary, with emphasis on increased vocabulary and musicality. This course focuses more strongly on the accuracy of directions of the body, improved alignment, and greater function, strength, flexibility and access of turnout. This course will place deeper emphasis on the understanding of the French ballet lexicon. This course may be used as a PE activity course. Prerequisites: DANC 1840 or permission of the instructor. Corequisites: None. Offered: All semesters.

DANC 1860. Ballet Technique III. (2 Credits)
Expands appreciation of ballet as a creative art form. focuses on ballet technique, while emphasizing increased flexibility, strength, and coordination. reviews dance phrase combinations by integrating rhythm, dynamics and movement. Prerequisites: Ballet Technique II DANC 1850 and/or permission from instructor. Corequisite(s): None. Offered: All semesters.

DANC 1900. Dance Composition. (3 Credits)
Dance Composition is designed to allow the student to investigate movement affinities and to discover new movement through solo and small group compositions. Studies examine the basic elements of dance - the body in time space and dynamics, as well as the use of music with movement. Students must develop their compositions into fully choreographed pieces. These choreographic works must be presented in a dance production. This course emphasizes personal coaching and critiques, and peer feedback, within a nurturing and experimental environment. Prerequisite: DANC 1600 or permission of the instructor. Corequisite(s): Corequisite: None. Offered: Spring.

DANC 2000. Dance Performance II. (1 Credit)
Dance Performance is open to all students pursuing a dance minor or have an interest in dance performance or dance production. Performance students must audition for choreographic works. This course may be taken two semesters to a maximum of two credit hours. Prerequisite: None. Corequisite(s): DANC 2750 and/or DANC 2850 Offered: Fall and Spring.

DANC 2100. World Dance History. (3 Credits)
This course covers the origins and development of Black dance, ritual and social components of dance in early cultures, as well as the evolution of Black dance as a theatrical art form. This course is a survey of dance in its various contexts; early dance as prayer and celebration; dance as a component of theatre and opera; the Black contribution to or the formation of codified techniques—ballet, modern, jazz and tap; dance in film; music videos and commercial dance; integration of traditional cultural dance in modern and ballet; and the evolution of hip hop cultural dance. Prerequisite: ENGL 1101. Corequisite: None. Offered: Spring.

DANC 2400. Dance Production. (2 Credits)
This course is an introduction to the basic aspects of dance production, including technical vocabulary used by the theater technicians, music, costuming, stage make up, lighting, management, programming, and publicity. Prereequisite: None Corequisite: None Offered: Spring.

DANC 2750. Modern Dance II. (1 Credit)
Modern Dance II continues the development of modern dance technique and vocabulary. Special emphasis is placed on beginning and intermediate-level dynamic alignment, sensing and activating weight in the body, body awareness, increasing the student's ease and range of motion, balance, coordination and personal expression. Movement explorations take place on the floor, standing and in sequenced movements through space. This course may be used as a PE activity course. Prerequisite: DANC 1740 or permission of instructor. Corequisite: None. Offered: All semesters.

DANC 2850. Ballet Technique II. (1 Credit)
Ballet Technique II focuses on the development of intermediate technical skills in ballet, including safe and efficient alignment and clear articulation of movement vocabulary, with emphasis on increased vocabulary and musicality, alignment, function and access of turnout, strength, flexibility. This course will also include directions of the body, and use of the French ballet lexicon. This course may be used as a PE activity course. Prerequisites: DANC 1840 or permission of the instructor. Corequisites: None. Offered: All semesters.

DANC 3000. Dance Performance III. (1 Credit)
Dance Performance is open to all students pursuing a dance minor or have an interest in dance performance or dance production. Performance students must audition for choreographic works. This course may be taken two semesters to a maximum of two credit hours. Prerequisite: None. Corequisite: DANC 3760 or DANC 3860 Offerred: All semesters.

DANC 3760. Modern Dance III. (2 Credits)
Modern Dance III continues the development of modern dance technique and vocabulary. Special emphasis is placed on intermediate level dynamic alignment, sensing and activating weight in the body, body awareness, increase the student's ease and range of motion, balance, coordination and personal expression. Movement explorations take place on the floor, standing, and in sequenced movements through space. Prerequisites: DANC 2750 or permission of instructor. Corequisites: None. Offered:: All semesters.

DANC 3860. Ballet Technique III. (2 Credits)
Ballet Technique III focuses on the development of intermediate level technical skills, with focus on petit and grande allegro, adage, accessing of turnout, strength, flexibility, and use of the French ballet lexicon, with emphasis on safe and efficient body use. There is also greater focus on and expectation of musicality when dancing. Prerequisite: DANC 2850 or permission of the instructor. Corequisite(s): None. Offered: All Semesters.

DANC 3900. Dance Composition. (3 Credits)
Dance Composition is designed to allow the student to investigate movement affinities and to discover new movement through solo and small group compositions. Studies examine the basic elements of dance - the body in time space and dynamics, as well as the use of music with movement. Students must develop their compositions into fully choreographed pieces. These choreographic works must be presented in a dance production. This course emphasizes personal coaching and critiques, and peer feedback, within a nurturing and experimental environment. Prerequisite: DANC 1600 or permission of the instructor. Corequisite: None. Offered: Spring.

DANC 4000. Dance Performance IV. (1 Credit)
Dance Performance is open to all students pursuing a dance minor or have an interest in dance performance or dance production. Performance students must audition for choreographic works. This course may be taken two semesters to a maximum of two credit hours. Prerequisite: None. Corequisite: DANC 4770, DANC 4771, DANC 4870 or DANC 4871. Offerred: Fall and Spring.

DANC 4100. World Dance History. (3 Credits)
World Dance History investigates dance as a reflection of culture, ancient to present times, through the consideration of socio-cultural influences and the contribution of individual artists. Prerequisite: ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141 or 2142. Corequisite: None. Offered: Spring.

DANC 4770. Modern Dance IV. (2 Credits)
Modern Dance IV continues the development of modern dance technique and vocabulary. Special emphasis is placed on advanced level dynamic alignment, sensing and activating weight in the body, body awareness, increase the student's ease and range of motion, balance, coordination and personal expression. Movement explorations take place on the floor, standing, and in sequenced movement through space. Prerequisite: DANC 3760 or permission of instructor. Corequisite: None. Offered: All Semesters.

DANC 4870. Ballet Technique IV. (2 Credits)
Ballet Technique IV is an advanced level course that focuses on the use and development of technical skills, with concentration on dynamics, artistry, and musicality in petit and grande allegro, adage. This course is designed for students who have a functional understanding of turnout, strength, flexibiity, and the French ballet lexicon. Advanced level ballet continues focus on the safe and efficient use of the body. Prerequisite: DANC 3860 or permission of the instructor. Corequisite: None. Offered: All semesters.

MUSC 1001. Class Piano I. (1 Credit)
Must be enrolled in one of the following Major(s):.....Music For those who did not qualify for college-level piano study, and for voice and instrumental music majors who do not meet the requirements fo MUSC 1004. Emphasizes rudiments of piano technique, keyboard, harmonization and transposition. Departmental approval.

MUSC 1002. Class Piano II. (1 Credit)
For those who did not qualify for college-level piano study, and for voice and instrumental music majors who do not meet the requirements for MUSC 1004. Emphasizes rudiments of piano technique, keyboard, harmonization and transposition, and intensive sight-reading drills. Prerequisite: MUSC 1001.

MUSC 1004. Functional Piano Class. (1 Credit)
Primarily for majors in voice or instrumental music. Others who qualify may take the course with permission of the instructor. Emphasizing development of technique, harmonization, transposition and sight reading to the level at which it can be used as an efficient tool in school music teaching. Prerequisite: MUSC 1002.

MUSC 1005. Functional Piano Class. (1 Credit)
Primarily for majors in voice or instrumental music. Others who qualify may take the course with permission of the instructor. Emphasizing development of technique, harmonization, transposition, and sight reading to the level at which it can be used as an efficient tool in school music teaching. Prerequisite: MUSC 1002.

MUSC 1007. Concert and Recitals Attendance. (0 Credits)
Each student registered for this course must attend 80% of the designated concerts and/or master classes (in which he or she is not a performer), chosen from a list posted in the Fine Arts Department office at the beginning of each semester.

MUSC 1021. Elementary Harmony and Musicianship. (3 Credits)
Must be enrolled in one of the following Major(s):Music. Basic training in fundamentals, terminology, and principles of music theory. Beginning study of diatonic harmony, part- writing, composition and analysis. Also includes keyboard harmony. Required of all music majors. Departmental Approval.

MUSC 1022. Elementary Harmony and Musicianship. (3 Credits)
Basic training in fundamentals, terminology, and principles of music theory. Beginning study of diatonic harmony, part- writing, composition and analysis. Also includes key- board harmony. Required of all music majors. Prerequisite(s): MUSC 1021 US C.

MUSC 1070. College Orchestra I. (1 Credit)
This course involves the study, rehearsal, and concert performance of literature for orchestra. Repertory includes wide range of orchestral music representing all styles and periods. Repertory is consistent with proficiency levels of participants, but is challenging. May be taken each semester and repeated for credit. This class meets the large performance ensemble requirements for orchestral string students. Additional rehearsals may be announced by the instructor. Prerequisite: Ability to play an orchestral instrument at college level. Offered: Fall and Spring.

MUSC 1071. Applied Piano. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with piano as their principal instrument. Non-majors who qualify may be accepted. Previous piano instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1072. Applied Piano. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with piano as their principal instrument. Non-majors who qualify may be accepted. Previous piano instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Departmental approval.

MUSC 1100. Music Appreciation. (3 Credits)
General education course for non-music majors. Study of the basic materials of music and a survey of important examples of music literature, style periods, and representative composers from the sixth century to the present day. Emphasizes techniques for listening analytically and critically.

MUSC 1111. Voice Class. (1 Credit)
Group vocal instruction. Includes study and development of basic principles of healthy singing: breathing, tone production, diction, proper habits of posture. Stage presence and deportment are also emphasized. Required of all instrumental music and piano majors. May be taken by non-music majors.

MUSC 1112. Voice Class. (1 Credit)
Group vocal instruction. Includes study and development of the basic principles of healthy singing: breathing, tone production, diction, proper habits of posture. Stage presence and deportment are also emphasized. Required of all instrumental music and piano majors. May be taken non-music majors.

MUSC 1113. Class Voice. (1 Credit)
Class singing instruction designed for students who have little or no prior individual vocal instruction. The class introduces the student to beginning vocal technique in such areas as posture, breath management, correct vowel formation, English and Italian diction, rhythm, and pitch. The course also includes instruction in practicing and preparing songs for public performance. Students are expected to sing individually as well as with the group during class time and for the final exam. All music will be performed during class or during the scheduled final exam. No public performance is required. Students may repeat this class for credit until they complete the objectives of the course. Class voice does not satisfy the applied music requirement for a degree in music. Prerequisite : None. Corequisite : None. Offered: Fall, Spring.

MUSC 1115. Class Piano/Non-Majors (Beg). (1 Credit)

MUSC 1120. Class (begiinning) Guitar for. (3 Credits)

MUSC 1123. Introduction to World Music. (2 Credits)
Primarily for music education majors, this course may be taken by others who have passed MUSC 1100. Introduction and general survey of music of the world's cultures.

MUSC 1133. Introduction to Music Literature. (3 Credits)
Primarily for music majors, this course may be taken by others who have some musical background and have passed MUSC 1100. Intensive study of the principal forms and styles in music from the Renaissance to the present and focuses on score study, and analytical and critical listening. Prerequisite: MUSC 1022.

MUSC 1141. Applied Voice. (1 Credit)
Must be enrolled in one of the following Major(s): Music Intensified private vocal instruction for music majors with voice as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Departmental approval.

MUSC 1142. Applied Voice. (1 Credit)
Must be enrolled in one of the following Major(s): Music Intensified private vocal instruction for music majors with voice as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Departmental approval.

MUSC 1151. The College Chorale. (1 Credit)

MUSC 1152. Instrumental Ensemble. (1 Credit)
A performing ensemble open to college students and community members. Repertoire includes all types of traditional selections in accordance with proficiency levels of participants, but is challenging. Prerequisite: Audition or approval of instructor. Corequisite: Enrollment in MUSC 1070 College Orchestra 1, MUSC 2070 College Orchestra 2, MUSC 1080 College Band 1, or MUSC 2080 College Band 2. Offered: Fall, Spring.

MUSC 1154. Concert Band. (1 Credit)

MUSC 1160. Jazz Band. (1 Credit)
A laboratory for students to acquire experience in jazz ensemble performance styles of the music from the Big Band and Swing Era to the present. Students also explore their talents for arranging, composing and conducting jazz music. Audition.

MUSC 1170. Vocal Jazz Ensemble. (1 Credit)
Laboratory for vocal students to gain performing experience in the various styles of pop and jazz singing, as well as expanding their knowledge of the vocal performance literature. Audition.

MUSC 1171. Class Piano. (1 Credit)
Designed to enable the music major to sucessfully complete the piano proficiency exam required for graduation. Students should enroll in MUSC 1171 in successive semesters until all items of the exam are complete. Only music majors may enroll.Prerequisite: None. Offered: All semesters.

MUSC 1172. Sight-Singing/Ear Training. (1 Credit)
This course is designed to develop sight-singing skills involving ear-training and rhythmic studies. Course components include sight-singing, melodic and harmonic dictation, and rhythmic exercises. Students are expected to sing with the class and alone as assigned. This course is designed to enable the music major to successfully complete the sight-singing/ear training proficiency exam required for graduation. The student should enroll in MUSC 1172 in successive semesters until all items of the proficiency exam are completed. Prerequisite: None. Corequisite: None. Offered: All semesters.

MUSC 1180. Concert Chorale. (1 Credit)
The choir consists of 30-50 students selected by audition. Concentration on choral literature for mixed voices from all periods of music history, including sacred, secular, art music and folk music. Regular on and off-campus performances and in and out of state tours. Open to all university students who can qualify by audition.

MUSC 1185. Chamber Singers. (1 Credit)
Small, highly select chamber ensemble of 12-16 students who sing advanced literature from all periods of music history appropriate for the size and nature of the group. Open to any university student who can qualify by audition. Extensive performance opportunities: concerts, festivals and competitions. However, due to the small number of voices assigned to each part, acceptance into the ensemble is competitive. Prerequisite: Audition.

MUSC 1190. Marching Band. (1 Credit)
Approximately 100-130 students. Provides musical support for athletic events, parades, etc. during the fall semester. Open to all students who can qualify by audition. Students are advised to bring their own instruments; however, some instruments are provided by the department. Prerequisite: Audition.

MUSC 1200. Concert Band. (1 Credit)
Approximately 40-50 students, selected by audition, the ensemble provides the opportunity for students to study and perform the best literature for concert and symphonic bands. Students may earn up to four semester hours for participation, with extensive opportunity for travel. Offered second semester. Prerequisite: Audition.

MUSC 1201. Symphonic Band. (1 Credit)
Introduction to wind band literature through rehearsal and performance, as well as a course in developing the technical skills necessary to perform this literature.

MUSC 1210. Opera/Musical Theater Workshop. (1 Credit)
May be taken by music majors and non-majors who qualify by audition. Workshop experience in opera and/or musical theater performance and performance principles. Includes study in acting, singing, stage deportment, and the technical aspects of musical production. Culminating course project-production and presentation of scenes, acts, and/or entire work. Prerequisite: Audition.

MUSC 1311. Applied Violin. (1 Credit)
Must be enrolled in one of the following Major(s): Music For music majors with violin as their principle instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1312. Applied Violin. (1 Credit)
Must be enrolled in one of the following Major(s): Music For music majors with violin as their principle instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1321. Applied Viola. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with viola as their principle instrument. Non-majors who qualify may be accepted. Previous viola instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1322. Applied Viola. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with viola as their principle instrument. Non-majors who qualify may be accepted. Previous viola instruction is required and student must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1331. Applied Cello. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with cello as their principle instrument. Non-majors who qualify may be accepted. Previous cello instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1332. Applied Cello. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1341. Applied String Bass. (1 Credit)
For music majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required and student must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 1342. Applied String Bass. (1 Credit)
For music majors with string bass as their principle instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 1441. Applied Clarinet. (1 Credit)
Written departmental approval is required.

MUSC 1442. Applied Clarinet. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private clarinet instruction for music majors with clarinet as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1443. Applied Oboe. (1 Credit)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted with instructor's approval. Previous oboe instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 1444. Applied Oboe. (1 Credit)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted with instructor's approval. Previous oboe instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 1445. Applied Flute. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private flute instruction for music majors with flute as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1446. Applied Flute. (1 Credit)
Must be enrolled in one of the following Major(s): Music Intensified private flute instruction for music majors with flute as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1447. Applied Bassoon. (1 Credit)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study.

MUSC 1448. Applied Bassoon. (1 Credit)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required and students must demonstrate sufficient proficiency for acceptance at this course elvel. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study.

MUSC 1471. Applied Saxaphone. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. For music majors with saxophone as their principal instrument. Non-majors who qualify may be accepted. Previous saxophone instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1472. Applied Saxaphone. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. For music majors with saxophone as their principal instrument. Non-majors who qualify may be accepted. Previous saxophone instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1511. Applied Trumpet. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. For music majors with the trumpet as their principal instrument. Non-majors who qualify may be accepted. Previous trumpet instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1512. Applied Trumpet. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. For music majors with the trumpet as their principal instrument. Non-majors who qualify may be accepted. Previous trumpet instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1541. Applied Trombone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the trombone as their principal instrument. Nonmajors who qualify may be accepted. Previous trombone instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1542. Applied Trombone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Written departmental approval is required.

MUSC 1611. Applied Percussion. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private percussion instruction for music majors with percussion as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1612. Applied Percussion. (1 Credit)
Must be enrolled in one of the following Major(s): Music Intensified private percussion instruction for music majors with percussion as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1641. Applied Euphonium. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the baritone horn as their principal instrument. Nonmajors who qualify may be accepted. Previous baritone horn instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1642. Applied Euphonium. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the baritone horn as their principal instrument. Nonmajors who qualify may be accepted. Previous baritone horn instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1711. Applied French Horn. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the French horn as their principal instrument. Nonmajors who qualify may be accepted. Previous French horn instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continuedmastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1712. Applied French Horn. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the French horn as their principal instrument. Nonmajors who qualify may be accepted. Previous French horn instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1741. Applied Tuba. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private tuba instruction for music majors with tuba as their principal instrument. Non-majors who qualify may be accepted. Student must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1742. Applied Tuba. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private tuba instruction for music majors with tuba as their principal instrument. Non-majors who qualify may be accepted. Student must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1811. Applied Organ. (1 Credit)
Must be enrolled in one of the following Major(s): Intensified private organ instruction for music majors with organ as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1812. Applied Organ. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private organ instruction for music majors with organ as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1911. Applied Guitar. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private guitar instruction for music majors with guitar as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1912. Applied Guitar. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private guitar instruction for music majors with guitar as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 2000. Music Seminar. (1 Credit)
Lectures, panel discussions, and performances by faculty, students, and guest personalities provide a unique network for exposure to all facets of music. Two semesters required. Prerequisite: MUSC 1022.

MUSC 2007. Applied Piano. (1 Credit)
Continuation of private piano instruction at the sophomore level. Prerequisite(s): MUSC 1071, 1072.

MUSC 2010. Introduction to Music Education. (1 Credit)
A survey of the music education profession geared toward giving the music educatin candidate an overview of the field. Explpres the teaching of K-12 general, choral and instrumental music in the public school settings. Laboratory experience provided. 30 observation hours required.

MUSC 2021. Intermediate Harmony and Musicianship. (3 Credits)
Continuation of training in diatonic and chromatic harmony, partwriting, composition and analysis. Keyboard harmony also emphasized. Prerequisite: MUSC 1022.

MUSC 2022. Intermediate Harmony and Musicianship. (3 Credits)
Continuation of training in diatonic and chromatic harmony, partwriting, composition and analysis. Keyboard harmony also emphasized. Prerequisite: MUSC 2021.

MUSC 2024. Composititon. (3 Credits)
Introductory study of composition for students who may desire to pursue the subject in a more advanced and detailed manner. Prerequisite: MUSC 2022 or concurrent enrollment.

MUSC 2070. College Orchestra 2. (1 Credit)
This course involves the study, rehearsal, and concert performance of literature for orchestra. This course involves a performance ensemble open to college students and community members. Repertory is consistent with proficiency levels of participants, but is challenging. May be taken for two semesters after successful completion of two semesters of College Orchestra 1, MUSC 1070. Required of string majors as their performance ensemble during enrollment. Additional rehearsals may be announced by the instructor. Prerequisites: Completion of two semesters of MUSC 1070. Corequisite: None. Offered: Fall, Spring.

MUSC 2071. Applied Piano. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private piano instruction at the sophomore level. Prerequisite(s): MUSC 1071, 1072.

MUSC 2072. Applied Piano. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private piano instruction at the sophomore level. Prerequisite(s): MUSC 1071, 1072.

MUSC 2131. Hip Hop and American Culture. (3 Credits)
Hip hop has become one of the most dominant cultural forces this world has ever seen. Its popularity is globally recognized and it has interacted with music(s) and cultures worldwide. Over the last 3 decades, it was born in New York City, raised in the United States, and has moved out on its own to explore the world. It has transcended the realm of music and entered the worlds of visual art, cinema, advertising, fashion, politics, and beyond. Its growth has paralleled and interacted with the growth of the internet, and technology and hip hop have fueled each other along the way, developing a mutually beneficial relationship.

MUSC 2141. Applied Voice. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private instruction in voice at the sophomore level. Prerequisite(s): MUSC 1141, 1142.

MUSC 2142. Applied Voice. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private instruction in voice at the sophomore level. Prerequisite(s): MUSC 1141, 1142.

MUSC 2171. Diction for Singers. (2 Credits)
Diction fo rsingers is an introductory study of foreign language dictin for singers and teachers for singers. Latin, Italian, French and German pronunciation skills weill be gained (1) through study of the international phonetic alphabet, (2) through intensive pronunciation drills, and (3) through practical application to current and assigned song literature.

MUSC 2250. The Understanding of Music. (3 Credits)

MUSC 2280. Computer Generated Music. (2 Credits)
The development of practical experience with analog and digital synthesizer programming, computer assisted synthesizer programming and computer based MIDI sequencing. Exposes students to current capabilities of technology as they relate to programming a song, instrumentation and teaching. Prerequisite: MUSC 2022.

MUSC 2311. Applied Violin. (1 Credit)
For music majors with violin as their principle instrument. Non-majors who qualify may be accepted. Previous saxophone instructin is required and students must demostrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 2312. Applied Violin. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with violin as their principle instrument. Non-majors who qualify may be accepted. Previous violin instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1311, 1312.

MUSC 2321. Applied Viola. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with viola as their principle instrument. Non-majors who qualify may be accepted. Previous viola instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1321, 1322.

MUSC 2322. Applied Viola. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with viola as their principle instrument. Non-majors who qualify may be accepted. Previous viola instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1321, 1322.

MUSC 2331. Applied Cello. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1331, 1332.

MUSC 2332. Applied Cello. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with cello as their principle instrument. Non-majors who qualify may be accepted. Previous cello instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1331, 1332.

MUSC 2341. Applied String Bass. (1 Credit)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1342.

MUSC 2342. Applied String Bass. (1 Credit)
For music majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1342.

MUSC 2410. Band Techniques. (3 Credits)
Designed to acquaint the student with materials, procedures and techniques for the development of interest and basic music skills in elementary and junior high school students. The materials, procedures and techniques studied are necessary to the development of a school instrumental program.

MUSC 2441. Applied Clarinet. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private applied clarinet at the sophomorelevel. Prerequisites: MUSC 1441, 1442.

MUSC 2442. Apllied Clarinet. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private applied clarinet at the sophomore level. Prerequisites: MUSC 1441, 1442.

MUSC 2443. Applied Oboe. (1 Credit)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required, and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1441.

MUSC 2444. Applied Oboe. (1 Credit)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required, and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1441.

MUSC 2445. Applied Flute. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private applied flute at the sophomore level. Prerequisite: MUSC 1445, 1446.

MUSC 2446. Applied Flute. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private applied flute at the sophomore level. Prerequisites: MUSC 1445, 1446.

MUSC 2447. Applied Flute. (1 Credit)

MUSC 2448. Applied Bassoon. (1 Credit)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1448.

MUSC 2471. Applied Saxophone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private applied study in saxophone at the sophomore level. Prerequisites: MUSC 1471, 1472.

MUSC 2472. Applied Saxophone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private applied study in saxophone at the sophomore level. Prerequisites: MUSC 1471, 1472.

MUSC 2511. Applied Trumpet. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of trumpet at the sophomore level. Prerequisites: MUSC 1511, 1512.

MUSC 2511E. Applied Trumpet. (1 Credit)

MUSC 2512. Applied Trumpet. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study in trumpet at the sophomore level. Prerequisite: MUSC 1511, 1512.

MUSC 2541. Applied Trombone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of trombone at the sophomore level. Prerequisites: MUSC 1541, 1542.

MUSC 2542. Applied Trombone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of trombone at the sophomore level. Prerequisites: MUSC 1541, 1542.

MUSC 2611. Applied Percussion. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Continued study of private, applied percussion at the sophomore level. Prerequisites: MUSC 1611, 1612.

MUSC 2612. Applied Percussion. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Continued study of private, applied percussion at the sophomore level. Prerequisites: MUSC 1611, 1612.

MUSC 2641. Applied Euphonium. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of baritone horn at the sophomore level. Prerequisites: MUSC 1641, 1642.

MUSC 2642. Applied Euphonium. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of baritone horn at the sophomore level. Prerequisites: MUSC 1641, 1642.

MUSC 2711. Applied French Horn. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of French horn at the sophomore level. Prerequisites: MUSC 1711, 1712.

MUSC 2712. Applied French Horn. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of French horn at the sophomore level. Prerequisites: MUSC 1711, 1712.

MUSC 2741. Applied Tuba. (1 Credit)
Must be enrolled in one of the following Major(s): Continued study of private, applied tuba at the sophomore level. Prerequisites: MUSC 1741, 1742.

MUSC 2742. Applied Tuba. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Continued study of private, applied tuba at the sophomore level. Prerequisites: MUSC 1741,1742.

MUSC 2811. Applied Organ. (1 Credit)
Continuation of private, applied study of organ at the sophomore level. Prerequisites: MUSC 1811, 1812.

MUSC 2812. Applied Organ. (1 Credit)
Continuation of private, applied study of organ at the sophomore level. Prerequisites: MUSC 1811, 1812.

MUSC 2911. Applied Guitar. (1 Credit)
Continuation of private, applied study of guitar at the sophomore level. Prerequisites: MUSC 1911, 1912.

MUSC 2912. Applied Guitar. (1 Credit)
Continuation of private, applied study of guitar at the sophomore level. Prerequisites: MUSC 1911, 1912.

MUSC 3000. Junior Recital. (1 Credit)
Must be enrolled in one of the following Major(s): Music. May be performed by music majors for credit. Recital must be approved by student's applied instructor. A preliminary recital hearing must be given before music faculty and approved at least six weeks before official recital can be presented. Departmental approval.

MUSC 3021. Counterpoint. (3 Credits)
Basic training in 16th and 18th century counterpoint. Introduction and study of the fundamentals and principles of the respective periods. Also involves musical analysis, part-writing and composition in both musical styles. Prerequisite: MUSC 2022.

MUSC 3022. Form and Anaylsis I. (3 Credits)
Study of the formal structure of music from the Classical and Romantic Periods using representative works from the respective periods. Involvesharmonic, melodic and structural analysis, and composition. Prerequisite: MUSC 2022.

MUSC 3023. Form and Anaylsis II. (3 Credits)
Study of the formal structures in music of the 20th century using representative works of the period. Involves harmonic, melodic and structural analysis, as well as composition. Prerequisite: MUSC 2022.

MUSC 3024. Instrumentation and Orchestration. (3 Credits)
A study of ranges, transposition, technical limitations and color combinations of standard band and orchestral instruments. Involves core analysis and scoring of short compositions for band and small ensembles. Prerequisite: MUSC 2022.

MUSC 3026. Jazz Improvisation. (2 Credits)
Study of materials of improvisation, choral functions, ear training, chord progressions and improvisational styles of outstanding performers. Prerequisite: MUSC 2022.

MUSC 3050. Brasswinds Class. (1 Credit)
Study of the structure, principles of tone production and elementary playing techniques of brass wind instruments including proper care of these instruments. Prerequisite: MUSC 1022.

MUSC 3058. Brass Ensemble. (1 Credit)
Open only to junior level players for credit. Open without credit to others having the necessary proficiency. Study and performance of the best music literature for small combinations of brass instruments.

MUSC 3059. Brass Ensemble. (1 Credit)
Open only to junior level players for credit. Open without credit to others having the necessary proficiency. Study and performance of the best music literature for small combinations of brass instruments.

MUSC 3071. Applied Piano. (2 Credits)
Junior level applied piano. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2071, 2072 and audition.

MUSC 3071E. Applied Piano. (1 Credit)
Junior level applied piano. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisite(s): MUSC 2071 US C and MUSC 2072 US C.

MUSC 3072. Applied Piano. (2 Credits)
Junior level applied piano. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2071, 2072 and audition.

MUSC 3072E. Applied Piano. (1 Credit)
Junior level applied piano. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisite(s): MUSC 2071 US C and MUSC 2072 US C.

MUSC 3125. History of Jazz. (3 Credits)
The study of jazz from its beginning African heritage, with emphasis on jazz development and such influences as minstrel show music, work songs, ragtime, dixieland, blues, and popular music. Prerequisite: MUSC 2022.

MUSC 3126. Survey of Music Industry I. (3 Credits)
The purpose of this course is to acquaint students to the structure of the music and entertainment industries with an emphasis on contemporary business practices. Topics include careers in the recording and performing fields, retail music merchandising, publishing, songwriting and arranging, professional organizations, unions, copyright law, career development, and other related issues.

MUSC 3127. Popular Music in the US. (3 Credits)
This is a survey course that focuses on the intersections of American popular/commercial music practices and relevant historical events from the late 1800s until the present. The course materials provide a window to various music eras with the context of their unique time and place.

MUSC 3133. Music History and Literature. (3 Credits)
Chronological survey of music history, musical forms and music literature from ancient to modern times. MUSC 3133 moves from classical antiquity to 1750; MUSC 3134 covers music from 1750 to the 20th century. Prerequisite(s): MUSC 1133 US C and MUSC 2022 US C.

MUSC 3134. Music History and Literature II. (3 Credits)
Chronological survey of music history, musical forms and music literature from ancient to modern times. MUSC 3133 moves from classical antiquity to 1750; MUSC 3134 covers music from 1750 to the 20th century. Prerequisite(s): MUSC 1133 US C and MUSC 2022 US C.

MUSC 3141. Applied Voice. (2 Credits)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2141, 2142.

MUSC 3141E. Applied Voice. (1 Credit)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSIC 2142 and audition.

MUSC 3142. Applied Voice. (2 Credits)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2141, 2142.

MUSC 3142E. Applied Voice. (1 Credit)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2141, 2142.

MUSC 3143E. Applied Voice. (1 Credit)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2141, 2142.

MUSC 3162E. Applied Perucussion. (1 Credit)
Junior level applied percussion. Majors be accepted, via juried audition, into the junior level applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2611, 2612.

MUSC 3171. Vocal Methods. (1 Credit)
Primarily for voice and piano majors. Methods and procedures for the attainment of superior vocal and choral singing. Extensive practice in sight-singing, choral conducting, and diction. Vocal and choral literature are also emphasized. Required of voice and piano majors. Prerequisite: MUSC 2022.

MUSC 3172. Choral Techniques. (2 Credits)
Designed to acquaint the student with materials, procedures, and techniques for implementing a successful choral program at the middle school or high school level.

MUSC 3230. Woodwinds Class. (1 Credit)
Study of the structure, principles of tone production and elementary playing techniques of woodwind instruments; reed-making and proper care of these instruments.

MUSC 3280. Computer Generated Music. (2 Credits)
The development of practical experience with analog and digital synthesizer programming, computer assisted synthesizer programming, and computer based MIDI sequencing. Exposes students to current capabilities of technology as they relate to programming a song, instrumentation, and teaching. Prerequisite: MUSC 2022.

MUSC 3281. Woodwind Ensemble. (1 Credit)
Open only to junior level players for credit. Open without credit to others having the necessary proficiency. Study and performance of the best music literature for small combinations of woodwind instruments.

MUSC 3282. Woodwind Ensemble. (1 Credit)
Open only to junior level players for credit. Open without credit to others having the necessary proficiency. Study and performance of the best music literature for small combinations of woodwind instruments.

MUSC 3311. Applied Violin. (2 Credits)
For music majors with violin as their principal instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2312.

MUSC 3311E. Applied Violin. (1 Credit)
For music education majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2312.

MUSC 3312. Applied Violin. (2 Credits)
For music majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2312.

MUSC 3312E. Applied Violin. (2 Credits)
For music education majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2312.

MUSC 3321. Applied Viola. (2 Credits)
For music majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2322.

MUSC 3321E. Applied Viola. (1 Credit)
For music education majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2322.

MUSC 3322. Applied Viola. (2 Credits)
For music majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2322.

MUSC 3322E. Applied Viola. (1 Credit)
For music education majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2322.

MUSC 3331. Applied Cello. (2 Credits)
For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2332.

MUSC 3331E. Applied Cello. (1 Credit)
For music education majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2332.

MUSC 3332. Applied Cello. (2 Credits)
For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2332.

MUSC 3332E. Applied Cello. (1 Credit)
For music education majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2332.

MUSC 3341. Applied String Bass. (2 Credits)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 3341E. Applied String Bass. (1 Credit)
For music education majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 3342. Applied String Bass. (2 Credits)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 3342E. Applied String Bass. (1 Credit)
For music education majors with string bass as their principlal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 3441. Applied Clarinet. (2 Credits)
Junior level applied clarinet. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2441, 2442.

MUSC 3441E. Applied Clarinet. (1,2 Credits)
Junior level applied clarinet. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2441, 2442.

MUSC 3442. Applied Clarinet. (2 Credits)
Junior level applied clarinet. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2441, 2442.

MUSC 3442E. Applied Clarinet. (1,2 Credits)
Junior level applied clarinet. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2441, 2442.

MUSC 3443. Applied Oboe. (2 Credits)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required, and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Prerequisite: 2444.

MUSC 3443E. Applied Oboe. (1 Credit)
For music education majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required, and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Prerequisite: 2444.

MUSC 3444. Applied Flute. (2 Credits)

MUSC 3444E. Applied Oboe. (1 Credit)
For music majors with oboe as their principle instrument. Non-majors who qualify may be accepted with instructor's approval. Previous oboe instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 3445. Applied Flute. (2 Credits)
Junior level applied flute. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2445, 2446.

MUSC 3445E. Applied Flute. (1 Credit)
Applied lesson for music education majors. All junior level lesson requirements apply. Prerequisite(s): MUSC 2445 US C and MUSC 2446 US C.

MUSC 3446. Applied Flute. (2 Credits)
Junior level applied flute. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2445, 2446.

MUSC 3446E. Applied Flute. (1 Credit)
Applied lesson for music education majors. All junior level requirements apply. Prerequisite(s): MUSC 2445 US C and MUSC 2446 US C.

MUSC 3447. Applied Bassoon. (2 Credits)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2448.

MUSC 3447E. Applied Bassoon. (1 Credit)
For music education majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2448.

MUSC 3448. Applied Bassoon. (2 Credits)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2448.

MUSC 3448E. Applied Bassoon. (1 Credit)
For music education majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2448.

MUSC 3471. Applied Saxaphone. (2 Credits)
Junior level applied saxophone. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2471, 2472.

MUSC 3471E. Applied Saxophone. (1 Credit)
Junior level applied saxophone. Majors must be accepted, via juried audition, into the junior level of applied instrucion. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2472 and audiiton.

MUSC 3472. Applied Saxaphone. (2 Credits)
Junior level applied saxophone. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites:MUSC 2471, 2472.

MUSC 3472E. Applied Saxophone. (1 Credit)
Junior level applied saxophone. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level.

MUSC 3511. Applied Trumpet. (2 Credits)
Junior level applied trumpet. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2511, 2512.

MUSC 3511E. Applied Trumpet. (1 Credit)
Junior level applied lessions for music education majors. All prerequisites apply.

MUSC 3512. Applied Trumpet. (2 Credits)
Junior level applied trumpet. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2511, 2512.

MUSC 3512E. Applied Trumpet. (1 Credit)
Junior level applied lessions for music education majors. All prerequisites apply.

MUSC 3541. Applied Trombone. (2 Credits)
Junior level applied trombone. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2541, 2542.

MUSC 3541E. Applied Trombone. (1 Credit)
Junior level applied for music education major. All lesson prerequisites apply.

MUSC 3542. Applied Trombone. (2 Credits)
Junior level applied trombone. Majors be accepted, via juried audition, into junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2541, 2542.

MUSC 3542E. Applied Trombone. (1 Credit)
Junior level applied for music education major. All lesson prerequisites apply.

MUSC 3600. Percussion Class. (1 Credit)
Study of the structure, principles of tone production and elementary playing techniques of percussion instruments, including proper care of these instruments. Prerequisite: MUSC 1022.

MUSC 3611. Applied Percussion. (2 Credits)
Junior level applied percussion. Majors must accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2611, 2612.

MUSC 3611E. Applied Percussion. (1 Credit)
Junior level applied percussion. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites MUSIC 2612 and audition.

MUSC 3612. Applied Percussion. (2 Credits)
Junior level applied percussion. Majors must accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2611, 2612.

MUSC 3612E. Applied Percussion. (1 Credit)
Junior level applied percussion. Majors must be accepted, via juried audition, into the junior level of applied instruciton. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2612 and audition.

MUSC 3641. Applied Euphonium. (2 Credits)
Junior level applied baritone horn. Majors be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2641, 2642.

MUSC 3641E. Applied Euphonium. (1 Credit)
Junior level applied music education majors. All lesson prerequisites apply.

MUSC 3642. Applied Euphonium. (2 Credits)
Junior level applied baritone horn. Majors must be accepted, via juried audition, into the junior level applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2641, 2642.

MUSC 3642E. Applied Euphonium. (1 Credit)
Junior level applied music education majors. All lesson prerequisites apply.

MUSC 3681. Percussion Ensemble. (1 Credit)
Primarily for percussion majors. Open to others having the necessary proficiency. Study and performance of music for various combinations of instruments in various styles for the rounding out of training in performance through small group playing experience.

MUSC 3682. Percussion Ensemble. (1 Credit)
Primarily for percussion majors. Open to others having the necessary proficiency. Study and performance of music for various combinations of instruments in various styles for the rounding out of training in performance through small group playing experience.

MUSC 3700. Strings Class. (1 Credit)
Study of the structure, principles of tone production and elementary playing techniques of several stringed instruments. Various types of bowing are studied as well as proper care of the instruments. Prerequisite: MUSC 1022.

MUSC 3711. Applied French Horn. (2 Credits)
Junior level applied French horn. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2711, 2712.

MUSC 3711E. Applied French Horn. (1 Credit)
Junior level applied French horn. Majors must be accepted, via juried audition, into the junior level of applied instrucion. Students must demonstrate proficiency commensurae with technical and performance standards at this level. Prerequisites: MUSC 2712 and audition.

MUSC 3712. Applied French Horn. (2 Credits)
Junior level applied French horn. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2711, 2712.

MUSC 3712E. Applied French Horn. (1 Credit)
Junior level applied French horn. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2712 and audition.

MUSC 3741. Applied Tuba. (2 Credits)
Junior level applied tuba. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisite: MUSC 2741, 2742.

MUSC 3741E. Applied Tuba. (1 Credit)
Junior level applied tuba. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2742 and audition.

MUSC 3742. Applied Tuba. (2 Credits)
Junior level applied tuba. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2741, 2742.

MUSC 3742E. Applied Tuba. (1 Credit)
Junior level applied tuba. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2742 and audition.

MUSC 3811. Applied Organ. (2 Credits)
Junior level applied organ. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2812 and audition.

MUSC 3811E. Applied Organ. (1 Credit)
Junior level applied organ. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2812 and audition.

MUSC 3812. Applied Organ. (2 Credits)
Junior level applied organ. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2812 and audition. Prerequisite(s): MUSC 2812 US C and MUSC 2811 US C.

MUSC 3812E. Applied Organ. (1 Credit)
Junior level applied organ. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisies: MUSC 2812 and audition.

MUSC 3911. Applied Guitar. (2 Credits)
Junior level applied guitar. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2911, 2912.

MUSC 3911E. Applied Guitar. (1 Credit)
Junior level applied guitar. Majors must be accepted, via juried audition, into the junior level of applied instrucion. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2912 and audition.

MUSC 3912. Applied Guitar. (2 Credits)
Junior level applied guitar. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2911, 2912.

MUSC 3912E. Applied Guitar. (1 Credit)
Junior level applied guitar. Majors must be accepted, via juried audition, into the junior level of applied instruciton. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2912 and audition.

MUSC 4000. Senior Recital. (1 Credit)
Required of all music majors for Bachelor of Arts degree. Recital repertoire must be approved by student's applied instructor, and a preliminary recital hearing must be given before music faculty, and approved, at least six weeks before official recital can be presented. Departmental approval.

MUSC 4050. Keyboard Methods. (2 Credits)
Study of graded material, literature and teaching technique appropriate to piano teaching. Prerequisite: MUSC 2072.

MUSC 4071. Applied Piano. (2 Credits)
Senior level applied piano. Prerequisite: MUSC 3071, 3072.

MUSC 4071E. Applied Piano. (1 Credit)
Senior level lessons for music education majors.

MUSC 4072. Applied Piano. (2 Credits)
Senior level applied piano. Prerequisite: MUSC 3071, 3072.

MUSC 4072E. Applied Piano. (1 Credit)
Senior level lessions for music education majors.

MUSC 4130. African-American Music Survey. (3 Credits)
General survey of Black music from its African origins to its various American developments, with attention to Afro- European acculturation andaesthetic and anthropological amalgamation. Prerequisite: MUSC 3134.

MUSC 4141. Applied Voice. (2 Credits)
Senior level applied voice. Continuation of technical training as well as development of a broad repertory of literature selected from all periods of music history from which literature was written. Prerequisites: MUSC 3142, 3142.

MUSC 4141E. Applied Voice. (1 Credit)
Senior applied for music education.

MUSC 4142. Applied Voice. (2 Credits)
Senior level applied voice. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history from which literature was written. Prerequisites: MUSC 3141, 3142.

MUSC 4142E. Applied Voice. (1 Credit)
Senior applied for music education.

MUSC 4171. Vocal Pedagogy. (2 Credits)
An in-depth study of the science and methodology related to the training of the human voice. The course is broken into three segments: the study of the anatomy and physiology of the "vocal organ", and all of the systems that contribute to or support the creating of vocal sound' secondly, study and utilization of the "practicum" methods for pedogical issues, such as varying vocal methodologies, choral singing for vocal majors, choices of literature, etc. Prerequisite(s): MUSC 3171 US C.

MUSC 4210. Band Techniques. (1 Credit)
Designed to acquaint the student with materials, procedures and techniques for the development of interest and basic music skills in elementary and junior high school students. The materials, procedures and techniques studied are necessary to the development of a school instrumental program.

MUSC 4220. Choral Conducting. (3 Credits)
Fundamental baton technique; score reading by chord singing and part singing; score playing analysis and interpretations; survey of representative literature suitable for the junior and senior high school chorus. Prerequisite: MUSC 2022.

MUSC 4230. Instrumental Conducting. (3 Credits)
Fundamental baton techniques, score reading by chord singing and part singing, score playing, analysis and interpretation; survey of representative literature suitable for the junior and senior high school band or instrumental ensemble. Laboratory experiences provided in correlation with the instrumental ensemble classes and the college band. Prerequisite: MUSC 2022.

MUSC 4281. Woodwind Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency. Continuation of MUSC 3281,3282. Prerequisite(s): MUSC 3281 and MUSC 3282.

MUSC 4282. Woodwind Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency. Continuation of MUSC 3281, 3282. Prerequisite(s): MUSC 3281 and MUSC 3282.

MUSC 4311. Applied Violin. (2 Credits)
For music majors with violin as their principal instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3312.

MUSC 4311E. Applied Violin. (1 Credit)
For music education majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3312.

MUSC 4312. Applied Violin. (2 Credits)
For music majors with violin as their principal instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3312.

MUSC 4312E. Applied Violin. (1 Credit)
For music education majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3312.

MUSC 4321. Applied Viola. (2 Credits)
For music majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3322.

MUSC 4321E. Applied Viola. (1 Credit)
For music education majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3322.

MUSC 4322. Applied Viola. (2 Credits)
For music majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3322.

MUSC 4322E. Applied Viola. (1 Credit)
For music education majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3322.

MUSC 4331. Applied Cello. (2 Credits)
For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3332.

MUSC 4331E. Applied Cello. (1 Credit)
For music education majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3332.

MUSC 4332. Applied Cello. (2 Credits)
For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3332.

MUSC 4332E. Applied Cello. (1 Credit)
For music education majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3332.

MUSC 4341. Applied String Bass Senior Lvl. (2 Credits)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 4341E. Applied String Bass. (1 Credit)
For music education majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 4342. Applied String Bass. (2 Credits)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 4342E. Applied String Bass. (1 Credit)
For music education majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 4411. Applied Clarinet. (2 Credits)
Senior level applied clarinet continuation of technical training, as well as development of a broad reparatory of literature selected from all periods of music history. Prerequisite: MUSC 3412.

MUSC 4411E. Applied Clarinet. (1 Credit)
Senior level applied for music education majors. Prerequisite: MUSC 3412.

MUSC 4412. Applied Clarinet. (2 Credits)
Senior level applied clarinet continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3412.

MUSC 4412E. Applied Clarinet. (1 Credit)
Senior level applied for music education majors. Prerequisite: MUSC 3412.

MUSC 4436. Elementary School Musical Methods. (2 Credits)
Designed to acquaint the student with approved methods of presenting music as a series of meaningful experiences in the life of the child from kindergarten to sixth grade; guidance in developing effective techniques and procedures for their implementation through singing, intelligent listening, music, reading and creative work. Laboratory experience provided.

MUSC 4437. Secondary School Music Methods. (3 Credits)
Designed to acquaint the student with approved methods of presenting music as a series of meaningful experiences in the life of the child from kindergarten to sixth grade; guidance in developing effective techniques and procedures for their implementation through singing, intelligent listening, music, reading and creative work. Laboratory experience provided.

MUSC 4438. Secondary Choral Methods. (2 Credits)
Study of materials and methods for teaching choral curricular in the middle and senior high schools: planning and managing choral rehearsals and performance at the secondary level. 30 observation hours required. Prerequisite(s): MUSC 4436 US C.

MUSC 4439. Secondary Band Methods. (2 Credits)
For voice or instrumental music majors. Students from other majors, who qualify, may take the course with permission of the instructor.

MUSC 4441. Applied Clarinet. (2 Credits)
Senior level applied clarinet continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3441,3442.

MUSC 4441E. Applied Clarinet. (1 Credit)
Applied lesson for music education majors. All senior level requirements apply. Prerequisite(s): MUSC 3441E US C and MUSC 3442E US C.

MUSC 4442. Applied Clarinet. (2 Credits)
Senior level applied clarinet continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3441,3442.

MUSC 4442E. Applied Clarinet. (1 Credit)
Senior level applied clarinet continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3441,3442.

MUSC 4443. Applied Oboe. (2 Credits)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4443E. Applied Oboe. (1 Credit)
For music education majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4444. Applied Oboe. (2 Credits)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4444E. Applied Oboe. (1 Credit)
For music education majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4445. Applied Flute. (2 Credits)
Senior level applied flute. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3445, 3446.

MUSC 4445E. Applied Flute. (1 Credit)
Senior level applied lessions for music education majors.

MUSC 4446. Applied Flute. (2 Credits)
Senior level applied flute. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisites: MUSC 3445, 3446.

MUSC 4446E. Applied Flute. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4447. Applied Bassoon. (2 Credits)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3448.

MUSC 4447E. Applied Bassoon. (1 Credit)
For music education majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3448.

MUSC 4448. Applied Bassoon. (2 Credits)
For music majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward contiinued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4448E. Applied Bassoon. (1 Credit)
For music education majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4471. Applied Saxaphone. (2 Credits)
Senior level applied saxophone. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3471, 3472.

MUSC 4471E. Applied Saxaphone. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4472. Applied Saxaphone. (2 Credits)
Senior level applied saxophone. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3471, 3472.

MUSC 4472E. Applied Saxaphone. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4511. Applied Trumpet. (2 Credits)
Senior level applied trumpet. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3512.

MUSC 4511E. Applied Trumpet. (1 Credit)
Senior level applied lessons for music education majors. Prerequisite(s): MUSC 3511E US C and MUSC 3512E US C.

MUSC 4512. Applied Trumpet. (2 Credits)
Senior level applied trumpet. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3512.

MUSC 4512E. Applied Trumpet. (1 Credit)
Senior level applied lessons for music education majors. Prerequisite(s): MUSC 3511E US C and MUSC 3512 US C.

MUSC 4541. Applied Trombone. (2 Credits)
Senior level applied trombone. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3541, 3542.

MUSC 4541E. Applied Trombone. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4542. Applied Trombone. (2 Credits)
Senior level applied trombone. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3541, 3542.

MUSC 4542E. Applied Trombone. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4581. Brass Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency.

MUSC 4582. Brass Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency.

MUSC 4611. Applied Percussion. (2 Credits)
Senior level applied percussion. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3611, 3612.

MUSC 4611E. Applied Percussion. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4612. Applied Percussion. (2 Credits)
Senior level applied percussion. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3611, 3612.

MUSC 4612E. Applied Percussion. (1 Credit)
Senior level applied lessons for music education majors. Prerequisite(s): MUSC 3611E US C and MUSC 3612E US C.

MUSC 4641. Euphonium. (2 Credits)
Senior level applied baritone horn. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3641, 3642.

MUSC 4641E. Euphonium. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4642. Euphonium. (2 Credits)
Senior level applied baritone horn. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3641, 3642.

MUSC 4642E. Euphonium. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4681. Percussion Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency.

MUSC 4682. Percussion Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency.

MUSC 4711. Applied French Horn. (2 Credits)
Senior level applied French horn. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite:MUSC 3711, 3712.

MUSC 4711E. Applied French Horn. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4712. Applied French Horn. (2 Credits)
Senior level applied French horn. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3711, 3712.

MUSC 4712E. Applied French Horn. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4741. Applied Tuba. (2 Credits)
Senior level applied tuba. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3741, 3742.

MUSC 4741E. Applied Tuba. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4742. Applied Tuba. (2 Credits)
Senior level applied tuba. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3471, 3472.

MUSC 4742E. Applied Tuba. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4811. Applied Organ. (2 Credits)
Senior level applied organ. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3811, 3812.

MUSC 4811E. Applied Organ. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4812. Applied Organ. (2 Credits)
Senior level applied organ. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3811, 3812.

MUSC 4812E. Applied Organ. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4911. Applied Guitar. (2 Credits)
Senior level applied guitar. Continuation of technical study as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: 3912, 3911.

MUSC 4911E. Applied Guitar. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4912. Applied Guitar. (2 Credits)
Senior level applied guitar. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3912, 3911.

MUSC 4912E. Applied Guitar. (1 Credit)
Senior level applied lessons for music education majors.

THEA 1020. Theatre & Culture. (3 Credits)
A study of theatre as an art form with emphasis on dramatic literature and the contributions of playwrights, actors, directors, designers and managers.

THEA 1100. Theater Appreciation. (3 Credits)
This course includes the survey and critical appreciation of Theatre. A first-level course designed to introduce theatre majors and non-majors to eras of theatre history and dramatic literature and to demonstrate how theatre practitioners form a collaborative working unit which results in a performance-ready production. No previous experience required. Prerequisite: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Fall.

THEA 1110. Stagecraft. (3 Credits)

THEA 1111. Creative Dramatics/Elem School. (3 Credits)
This course will introduce various techniques for presenting dramatics in the K-12 classroom, including building a play, creating simple scenic elements, and various forms of improvisation. Participants will study the work of Viola Spolin.Prerequisites: None. Co-requisites: None.

THEA 1710. Improvisation. (1 Credit)
An introductory course designed to enable students, individually and in groups, to learn process-centered performance techniques using unscripted concepts. Students are introduced to basic principles of stage movement, vocal technique and creative dramatics. Corequisite: None. Offered: Spring.

THEA 2000. Introduction to Theatrical Design. (3 Credits)
Basic design for theatre technicians with emphasis on drafting, perspective, color theory, rendering in various media and drawing the human form.

THEA 2010. Scene Building/Painting. (3 Credits)

THEA 2011. Introduction to Acting. (3 Credits)

THEA 2020. Voice and Diction. (3 Credits)
Study and exercises in the physiological aspects of vocal delivery to develop clear articulation and effective speech production. Designed to help students recognize, evaluate and compensate for common vocal deficiencies. Prerequisite(s): (COMM 1100 US C or SPT 101 UG C)

THEA 2030. Oral Interpretation. (3 Credits)
Study and practice in the selection, evaluation, analysis, preparation, and effective oral presentation of literary works; prose, poetry and drama. Writing and adapting material for oral presentation. Prerequisite(s): (COMM 1100 US C or SPT 101 UG C)

THEA 2040. Acting I. (3 Credits)
A course designed to introduce the beginning actor to the fundamentals and techniques of acting. Prerequisite: THEA 1020 or equivalent or permission of instructor.

THEA 2041. Acting I Laboratory. (3 Credits)
Must be enrolled in one of the followingMajor(s): Speech & Theatre Continuation ofActing I with a concentration on science study from the modern repertoire. Prerequisite: 2040 or equivalent.

THEA 2050. Theatrical Dance and Movement. (3 Credits)
An introduction to basic stage movements and dance for performers and directors. A lecture-laboratory course with opportunities for performance. Primarily for theatre majors.

THEA 2070. Make-Up for the Stage and Screen. (3 Credits)
Must be enrolled in one of the followingMajor(s): Speech &Theatre. A study of basic principles and practices in make-up for stage, screen and television. Practice in use of cosmetics, wigs, hair pieces, facial prosthetics, masks and work with departmental productions.

THEA 2080. Voice for the Actor. (3 Credits)

THEA 2090. Basic Dramatic Writing. (3 Credits)

THEA 2100. Stage Craft. (3 Credits)

THEA 2105. Oral Interpretation. (3 Credits)
Communicating the meaning of literature, prose, and poetry through the techniques of oral reading. The coaching of oral interpretation at the high school level will also be discussed. Prerequisites: None. Offered: On demand.

THEA 2205. Oral Interpretation. (3 Credits)

THEA 2210. Voice and Diction. (3 Credits)
An introduction to vocal training for the production of Standard American Speech with an emphasis on resonance, breath control, vocal relaxation and posture using the International Phonetic Alphabet (IPA) and a variety of approaches to contemporary vocal training. Prerequisite: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher.Offered: On demand.

THEA 2250. Understanding of World Theatre. (3 Credits)

THEA 2301. Scene Design for the Stage. (3 Credits)
This course will introduce the student to the fundamental elements of scenic design. Several styles of staging, proscenium stage, black box, outdoor and variations of theatre in the round, will be discussed. Students will learn the basics of stage drafting and scale modeling in order to convey basic design ideas to others. Period design and decoration will be discussed. Prerequisite: THEA 2100. Offered: On demand.

THEA 2306. Lighting Design for the Stage. (3 Credits)
This course will introduce the student to the fundamental elements of lighting design. Through discussion of lighting equipment (dimming and fixtures) and accessories (color medium, projeciton patterns, effect generators), technique and style, the student will gain basic knowledge of stage lighting and its impact on theatrical production. Prerequisite: THEA 2100. Offered: Fall.

THEA 2312. Sound Design for Theatre. (3 Credits)
This course will acquaint the student with the process of sound design for theatrical production. Basic instruction will deal with the equipment and technique necessary to reproduce sound effects and background music for the stage. Prerequisite: THEA 2100. Offered: On demand.

THEA 2531. History of Theatre II. (3 Credits)
Must be enrolled in one of the followingMajor(s): Speech & Theatre A continuation of theatre History I beginning with Realism, Naturalism, Symbolism, Expressionism and Neo-Romanticism in theater down to the Avant-Grade Theatre in Europe. Prerequisite: THEA 2530.

THEA 2532. History of Theatre III. (3 Credits)

THEA 2640. Directing I. (3 Credits)
Must be enrolled in one of the followingMajor(s): Speech &Theatre. Elementary principles of staging plays; practical work in directing One-Act plays; attention given to the principles of selecting, casting and rehearsing of plays, exercises, lectures and demonstrations. Prerequisite(s): THEA 2530 US C and THEA 2041 US C.

THEA 2900. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2901. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2902. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2903. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2904. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2905. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2906. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2907. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2940. Stage Management. (3 Credits)

THEA 3010. Improvisational Theatre. (2 Credits)

THEA 3020. Musical Theatre I. (3 Credits)

THEA 3030. Theatre Management. (3 Credits)
Designed to study the tools of theater management and producing, box office, price and percentages, publicity, promotion and production costs. A survey of the Organization of Theatre and promotional and managerial procedures. Prerequisite(s): THEA 2530 US C and THEA 2640 US C.

THEA 3040. Acting II. (3 Credits)
A study of role analysis and the problems and techniques of creating subtexts with special relation to the actor's natural qualities. Prerequisite: THEA 2040 or equivalent.

THEA 3041. Acting II Laboratory. (2 Credits)
Must be enrolled in one of the followingMajor(s): Speech & Theatre An intensive course in voice and body training. Prerequisite: THEA 2040 or equivalent.

THEA 3050. Play Analysis. (3 Credits)

THEA 3520. Playwriting. (3 Credits)
A course in dramatic writing, including study and practice in writing for the modern stage and screen.

THEA 3530. Modern Drama. (3 Credits)
A study of significant developments in the American theatre since 1900 as reflected through the major playwrights and theatre organizations. Prerequisite(s): THEA 2530 US C.

THEA 3531. History of Theatre I. (3 Credits)
A study of theatre architecture, scenery, costume, methods of staging, and production in Europe, as well as a study of representative playwrights from Ancient Greece to Russia.

THEA 3532. History of Theatre II. (3 Credits)
A continuation of theatre History I beginning with Realism, Naturalism, Symbolism, Expressionism and Neo-Romanticism in theater down to the Avant-Grade Theatre in Europe. Prerequisite: THEA 2530.

THEA 3540. Styles in Acting. (3 Credits)

THEA 3541. Styles in Acting Laboratory. (2 Credits)

THEA 3542. Acting for TV and Cinema. (3 Credits)

THEA 3560. Principles and Practices of Stage Costume.. (3 Credits)
A study of the function of costumes for the stage, screen and television, and their relationship to other elements of dramatic production. Includes research in construction and authentic period forms.

THEA 3600. African American Theatre History and Performance. (3 Credits)
A study of significant developments in the American Black Theatre since 1900 as reflected through the major play- wrights and theatre organizations. Prerequisite(s): THEA 2530 US C.

THEA 3640. Directing II. (3 Credits)
A consideration of rehearsal problems and techniques as may be reflected in a full length show. In conjunction with the Theatre Programs, students direct projects selected from a variety of genres. Prerequisite(s): THEA 2540 US C.

THEA 3650. Independent Study. (3 Credits)
An independent study of special topics in theatre arts, determined by the student in consultation with the instructor.

THEA 4001. Senior Preparatory. (1 Credit)

THEA 4002. Technical Problems. (3 Credits)

THEA 4020. Musical Theatre II. (3 Credits)

THEA 4030. Stage Costume Design/Research. (2 Credits)

THEA 4031. History of Costoume/Decorate. (3 Credits)

THEA 4032. Scene Design. (3 Credits)

THEA 4033. Stage Lighting II. (3 Credits)

THEA 4520. Children's Theatre. (3 Credits)
A study of various techniques used in producing children's theatre with adult actors; experience in scene design, lighting, costuming, acting, directing and promotion; class work plus participation in the Children's Theatre Workshop.

THEA 4720. Advanced Dramatic Writing. (3 Credits)

THEA 4740. Special Topics in Theatre. (3 Credits)

THEA 4760. Seminar in Theatre. (3 Credits)
Advanced individual study for the theatre major in a specialized concentrated production project. Consent of instructor and director of theatre is necessary. Prerequisite(s): THEA 2530 US C and THEA 2531 US C.

THEA 4761. Seminar in Adv Scene Design. (3 Credits)

THEA 4762. Seminar in Adv Stage Lighting. (3 Credits)

THEA 4780. Internship. (3 Credits)
Off-campus, on the job observation and training for students pursuing professional work in a variety of traditional nontraditional careers appropriate to selected academic programs.

Art (Visual) Minor

The Visual Art Minor is may be obtained by students majoring in other areas by completing (18) credit hours of lower and upper level prescribed art courses.

Code	Title	Semester Hours
Required foundation courses		
ARTS 1001	Design I-Fundamentals of Design ((required))	3
ARTS 1031	Drawing I-Basic Drawing ((required))	3
ARTS 2002	Design II-Fundamentals of Design ((required))	3
Upper level courses, select three:		9
ARTS 3201	Graphics I	
ARTS 3202	Graphics II	
ARTS 4067	Special Problems in Graphics	
ARTS 3102	Sculpture II	
ARTS 4066	Special Problems in Sculpture	
ARTS 3081	Ceramics I-Introduction to Ceramic Art	
ARTS 3082	Ceramics II	
ARTS 4072	Special Problems in Techniques and Materials	
ARTS 3052	Painting II-Intermediate Painting	
ARTS 4065	Special Problems in Painting	
ARTS 4071	Special Problems in Design	
ARTS 4072	Special Problems in Techniques and Materials	
ARTS 2111	Photography 1	
ARTS 3111	Photography II	

ARTS 4202	Digital Photography	
Total Semester Hours		18

Dance Minor

The minor in dance consists of 15 credit hours of DANC course work. Nine credit hours must be completed at the 3000-4000 course level.

Audition:

Acceptance into the dance minor program is by audition. To be eligible for the audition, prospective minors must be enrolled in a ballet or modern dance technique class. The audition class will be held prior to, or during the drop/add period to allow for proper class level placement, and schedule adjustment, when possible. The specific audition date will be announced on the first day of classes.

Course offerings:

Some DANC courses are only offered in the fall or spring semesters. Students declaring a dance minor in their junior or senior years should keep this in mind.

Code	Title	Semester Hours
DANC 2100	World Dance History	3
DANC 4100	World Dance History	3
Choose six (6) credit hours from the following courses		6
DANC 3000	Dance Performance III [1]	
DANC 3760	Modern Dance III	
DANC 3860	Ballet Technique III	
DANC 4000	Dance Performance IV	
DANC 4770	Modern Dance IV	
DANC 4870	Ballet Technique IV	
Choose three (3) credit hours from the following courses		3
DANC 2000	Dance Performance II	
DANC 2400	Dance Production	
DANC 2750	Modern Dance II	
DANC 2850	Ballet Technique II	
DANC 3000	Dance Performance III [1]	
DANC 3900	Dance Composition	
Total Semester Hours		15

[1] DANC 3000 can only be counted as part of the credit total in one area.

Music Industry Minor

The minor in music industry provides a foundation for ASU students who are interested in the entertainment industry. The 15 credit hour program is designed for any ASU student who desires to supplement a traditional education with knowledge of music trends specific to music and business.

Code	Title	Semester Hours
Required		
MUSC 1007	Concert and Recitals Attendance (required)	0
MUSC 1***	Performance Ensemble	1
MUSC 1123	Introduction to World Music (required)	2
MUSC 2131	Hip Hop and American Culture (required)	3
MUSC 3126	Survey of Music Industry I (required)	3
Choose two courses from the following:		6
MGMT 3105	Legal Enviroment of Business	
MUSC 3125	History of Jazz	
COMM 3155	African American Images in the Media	
MUSC 3127	Popular Music in the US	
MUSC 4130	African-American Music Survey	
Total Semester Hours		15

Music Minor

Music Minor Sample Plan of Study: the required courses, 2 performance ensembles, plus 9 credit hours at the 3000-4000 level.

Code	Title	Semester Hours
MUSC 1007	Concert and Recitals Attendance	0
MUSC 1021	Elementary Harmony and Musicianship ((required))	3
MUSC 1001	Class Piano I ((required))	1
MUSC 1002	Class Piano II ((required))	1
MUSC 1123	Introduction to World Music ((required))	2
Choose two performance ensemble from the following:		2
MUSC 1070	College Orchestra I	
MUSC 2070	College Orchestra 2	
MUSC 1112	Voice Class	
MUSC 1113	Class Voice	
MUSC 1160	Jazz Band	
MUSC 1170	Vocal Jazz Ensemble	
MUSC 1180	Concert Chorale	
MUSC 1185	Chamber Singers	
MUSC 1190	Marching Band	
MUSC 1200	Concert Band	
MUSC 1201	Symphonic Band	
MUSC 1210	Opera/Musical Theater Workshop	
Upper Level Requirements		
MUSC 3**1E	Applied Lesson	1
MUSC 3**2E	Applied Lesson	1
Choose two courses from the following (5-6 hours)		5-6
MUSC 3026	Jazz Improvisation	
MUSC 3125	History of Jazz	
MUSC 4130	African-American Music Survey	
MUSC 4220	Choral Conducting	
Choose remaining credits from the following:		1-2
MUSC 3058	Brass Ensemble	
MUSC 3059	Brass Ensemble	
MUSC 3281	Woodwind Ensemble	
MUSC 3282	Woodwind Ensemble	
MUSC 3681	Percussion Ensemble	
MUSC 3682	Percussion Ensemble	
Total Semester Hours		18

Theatre Minor

Program of study 18 credit hours: required courses plus 9 hours from the remaining list.

Code	Title	Semester Hours
Required		
THEA 2040	Acting I	3
THEA 2531	History of Theatre II	3
THEA 2640	Directing I	3
Choose three courses from the following:		9
THEA 3030	Theatre Management	
THEA 3520	Playwriting	
THEA 3560	Principles and Practices of Stage Costume.	
THEA 3600	African American Theatre History and Performance	
THEA 3640	Directing II	
THEA 4780	Internship	
Total Semester Hours		18

Visual and Performing Arts, Bachelor of Arts

Potential Art majors seeking admittance into the discipline must submit a portfolio of previous work for review and approval before major status is granted. Additionally, for acceptance into and graduation from the discipline, each student must have, and thereafter maintain a cumulative grade point average of 2.25 or better. Students must earn a minimum grade of C in each art course. Majors must complete the departmental exit examination and a senior exhibit

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
MUSC 1007	Concert and Recitals Attendance	0
ARTS 1001	Design I-Fundamentals of Design	3
ARTS 1031	Drawing I-Basic Drawing	3
ARTS 2002	Design II-Fundamentals of Design	3
ARTS 2032	Drawing II-Intermediate Drawing	3
ARTS 2280	Art History Survey 1	3
ARTS 2285	Art History Survey II	3
Requirements for the Concentration		
Area G - Major Requirements		
ARTS 1102	Introduction to Visual and Performing Arts	1
ARTS 2051	Painting I	3
ARTS 3052	Painting II-Intermediate Painting	3
ARTS 2101	Sculpture I-Basic Sculpture	3
ARTS 3102	Sculpture II	3
ARTS 3081	Ceramics I-Introduction to Ceramic Art	3
ARTS 3082	Ceramics II	3
ARTS 3201	Graphics I	3
ARTS 3202	Graphics II	3
ARTS 2111	Photography 1	3
ARTS 3111	Photography II	3
ARTS 4403	Modern Art History	3
ARTS 4601	Seminar I	3
ARTS 4602	Seminar II	3
Art majors choose 12 hours from the following ARTS courses combined with 8 hours of general electives OR 3 hours from the ARTS courses listed below combined with an approved minor		*20*
ARTS 4065	Special Problems in Painting	
ARTS 4066	Special Problems in Sculpture	
ARTS 4202	Digital Photography	
ARTS 4067	Special Problems in Graphics	
ARTS 4068	Special Problems in Drawing	
ARTS 4070	Special Problems in Ceramics	
ARTS 4071	Special Problems in Design	
ARTS 4072	Special Problems in Techniques and Materials	
ARTS 4201	Watercolor	
ARTS 4069	Special Problems in Art History	
ARTS 4406	African-American Art	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Arts in Visual and Performing Arts degree with a concentration in music offers applied lessons in voice, piano, strings, wind instruments, and percussion. The program also offers courses in music theory, form and analysis, music history, and music literature with emphasis on performance. For acceptance into major vocal or instrumental applied courses all students must have had prior instruction and demonstrate requisite proficiency via an audition. Transfer students will enter at level commensurate with the demonstrated level of proficiency in music academic and performance areas. A second juried audition prior to acceptance into junior level applied courses is also required. Participation in performance organizations relative to the student's area of applied specialty is required. Potential music majors should immediately enroll in the proper sequential theory and applied classes which begin at the freshman level.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
MUSC 1007	Concert and Recitals Attendance	0
ARTS 1102	Introduction to Visual and Performing Arts	1
MUSC 1001	Class Piano I (or Secondary Applied Music course (see advisor))	1
MUSC 1002	Class Piano II (or Secondary Applied Music course (see advisor))	1
MUSC 1004	Functional Piano Class (or Secondary Applied Music course (see advisor))	1
MUSC 1005	Functional Piano Class (or Secondary Applied Music course (see advisor))	1
MUSC 1**1	Freshman Applied Lesson	1

MUSC 1**2	Freshman Applied Lesson	1
MUSC 1021	Elementary Harmony and Musicianship	3
MUSC 1133	Introduction to Music Literature	3
MUSC 1022	Elementary Harmony and Musicianship	3
MUSC 2**1	Sophomore Applied Lesson	1
MUSC 2**2	Sophomore Applied Lesson	1
Requirements for the Major		
Area G - Major Requirements		
MUSC 2000	Music Seminar	1
MUSC 2021	Intermediate Harmony and Musicianship	3
MUSC 2022	Intermediate Harmony and Musicianship	3
MUSC 3**1	Junior Applied Lesson	2
MUSC 3**2	Junior Applied Lesson	2
MUSC 3022	Form and Anaylsis I	3
MUSC 3023	Form and Anaylsis II	3
MUSC 3133	Music History and Literature	3
MUSC 3134	Music History and Literature II	3
MUSC 4220	Choral Conducting	3
or MUSC 4230	Instrumental Conducting	
MUSC 4**1	Senior Applied	2
MUSC 4**2	Senior Applied (recital required)	2
MUSC ****	**Performance Ensembles**	8
Instrumental Concentration (four courses required)		4
MUSC 3050	Brasswinds Class	
MUSC 3230	Woodwinds Class	
MUSC 3600	Percussion Class	
MUSC 3700	Strings Class	
MUSC 3171	Vocal Methods	
MUSC 4050	Keyboard Methods	
MUSC 3050	Brasswinds Class	
MUSC 3230	Woodwinds Class	
MUSC 3600	Percussion Class	
MUSC 2171	Diction for Singers	
MUSC 3700	Strings Class	
Area H Electives (advisor guided electives or an approved minor)		18
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Music Education Program Admission Requirements

The Bachelor of Arts in Visual and Performing Arts degree with a concentration in music education offers applied lessons in voice, piano, strings, wind instruments, and percussion. The program also offers courses in music theory, form and analysis, music history, and music literature with emphasis on performance and teaching. For acceptance into major vocal or instrumental applied courses all **students must have had prior instruction and demonstrate requisite proficiency via an audition.** Transfer students will enter at level commensurate with the demonstrated level of proficiency in music academic and performance areas. A second juried audition prior to acceptance into junior level applied courses is also required. Participation in performance organizations relative to the student's area of applied specialty is required. Potential music majors should immediately enroll in the proper sequential theory and applied classes which begin at the freshman level.

Program of Study

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
MUSC 1007	Concert and Recitals Attendance	0
ARTS 1102	Introduction to Visual and Performing Arts	1
MUSC 1001	Class Piano I (or Secondary Applied Music course (see advisor))	1
MUSC 1002	Class Piano II (or Secondary Applied Music course (see advisor))	1
MUSC 1004	Functional Piano Class (or Secondary Applied Music course (see advisor))	1
MUSC 1005	Functional Piano Class (or Secondary Applied Music course (see advisor))	1
MUSC 1**1	Freshman Applied Lesson	1
MUSC 1**2	FreshmanApplied Lesson	1
MUSC 1021	Elementary Harmony and Musicianship	3
MUSC 1123	Introduction to World Music	2
MUSC 1022	Elementary Harmony and Musicianship	3
MUSC 2010	Introduction to Music Education	1
MUSC 2**1	Sophomore Applied Lesson	1
MUSC 2**2	Sophomore Applied Lesson	1
Requirements for the Major		
Area G - Major Requirements		
MUSC 2021	Intermediate Harmony and Musicianship	3
MUSC 2022	Intermediate Harmony and Musicianship	3
MUSC 3**1E	Junior Applied Lesson	1
MUSC 3**2E	Junior Applied Lesson	1
MUSC 3022	Form and Anaylsis I	3
MUSC 3280	Computer Generated Music	2
MUSC 3133	Music History and Literature	3
MUSC 3134	Music History and Literature II	3
MUSC 4**1E	Senior Applied Lesson (Recital Required)	1
MUSC 4220	Choral Conducting (or MUSC 4230 Instrumental Conducting)	3
or MUSC 4230	Instrumental Conducting	
MUSC 4**1E	Senior Applied Lesson (Recital Required)	1
MUSC ****	**Performance Ensembles**	5
Methods Courses		
MUSC 4436	Elementary School Musical Methods	2
MUSC 4438	Secondary Choral Methods	2
or MUSC 4439	Secondary Band Methods	
Instrumental or Vocal/Piano Concentration (4 courses required from one of these concentrations)		4
Instrumental Concentration		
MUSC 3050	Brasswinds Class	

MUSC 3230	Woodwinds Class	
MUSC 3600	Percussion Class	
MUSC 3700	Strings Class	
MUSC 3171	Vocal Methods	
Vocal/Piano Concentration		
MUSC 3050	Brasswinds Class	
MUSC 3230	Woodwinds Class	
MUSC 3600	Percussion Class	
MUSC 3700	Strings Class	
MUSC 3171	Vocal Methods (required for voice majors)	
MUSC 4050	Keyboard Methods (required for piano players)	
Education Courses		
EDUC 2110	Investigating Critical and Contemporary Issues in Education	3
EDUC 2120	Exploring Socio-Cult Perspective	3
EDUC 2130	Exploring Teaching and Learning	3
EDUC 2199	Orientation to Education	0
SPED 3231	Contemp Persp Students w/Excep	3
EDUC 3403	Educ Preparation Practicum III	2
EDUC 4412	Student Teaching in Senior High School	12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		126

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
MUSC 1007	Concert and Recitals Attendance	0
THEA 1100	Theater Appreciation	3
ARTS 1102	Introduction to Visual and Performing Arts	1
THEA 1110	Stagecraft	3
THEA 2020	Voice and Diction	3
THEA 2030	Oral Interpretation	3
THEA 2900	Production and Performance	1
THEA 2901	Production and Performance	1
THEA 2041	Acting I Laboratory	3
Requirements for the Major		
Area G - Major Requirements		
THEA 1020	Theatre & Culture	3
THEA 2902	Production and Performance	1
THEA 2903	Production and Performance	1
THEA 2904	Production and Performance	1
THEA 2905	Production and Performance	1
THEA 2906	Production and Performance	1
THEA 2907	Production and Performance	1
THEA 2070	Make-Up for the Stage and Screen	3
THEA 2640	Directing I	3
THEA 2040	Acting I	3
THEA 3040	Acting II	3
THEA 3531	History of Theatre I	3
THEA 3532	History of Theatre II	3
THEA 3530	Modern Drama	3
THEA 3600	African American Theatre History and Performance	3
THEA 3640	Directing II	3
THEA 4520	Children's Theatre	3
THEA 4760	Seminar in Theatre	3
Area H: 18 credit hours guided by an advisor: 9 hours from the following courses plus 9 hours from the following areas: ARST, MACO, MUSC; or 18 hours of an approved minor.		*18*
THEA 3030	Theatre Management	
THEA 3560	Principles and Practices of Stage Costume.	
THEA 3520	Playwriting	
THEA 4780	Internship	
ENGL 4600	Shakespeare	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

College of Professional Studies

The College of Professional Studies offers a cadre of programs, designed to prepare students to begin their professional careers. Our students complete a rigorous, yet engaging set of courses, and each major contains a requirement for experiential learning as well.

The College of Professional Studieshouses undergraduate programs in the departments linked below. Please click a link to find more information about a specific department. On each department page, the list of degrees, certificates, and minors available in that department can be viewed by selecting the Programs tab, while the list of courses for each department will be found by selecting the Courses tab. You will also find links to all Bachelor's Degrees, Associate Degrees, Certificate, and Minor options offered within the College of Professional Studies.

- Department of Criminal Justice (p. 245)
- Department of Social Work (p. 248)
- Department of Teacher Education (p. 251)
- Departments of Business Administration and Accounting, BIS & Marketing (p. 259)
- Military Science (p. 270)

The College of Professional Studies also houses graduate programs in Business (p. 44), Counseling and Educational Leadership (p. 29), Criminal Justice (p. 41), Public Administration (p. 58), and Social Work (p. 63), and Teacher Education (p. 67). Please be sure to visit the pages for each area so you can explore the many majors and concentrations within each of these programs.

Bachelor's Degrees

- Accounting, Bachelor of Science (p. 265)
- Criminal Justice, Bachelor of Science (p. 247)
- Early Childhood Education, Bachelor of Science (p. 256)
- Management Information Systems Technology, Bachelor of Science (p. 265)
- Management, Bachelor of Science (p. 266)
- Marketing, Bachelor of Science (p. 267)
- Middle Grades Education, Bachelor of Science (p. 257)
- Secondary Education, Bachelor of Science (p. 257)
- Bachelor of Social Work (p. 251)
- Supply Chain and Logistics Management, Bachelor of Science (p. 268)
- Technology Management, Bachelor of Applied Science (p. 269)

Associate of Science in Core Curriculum

- Degree information for the Associate of Science in Core Curriculum with various Area F Transfer Pathway Options (p. 154)

Department of Criminal Justice

The Mission

The mission of the Albany State University's Criminal Justice degree programs is to prepare students to become leaders, outstanding practitioners, scholars, and advocates for social justice in diverse and global society. Our academic programs aim to produce top quality students who seek entry-level and in-service professional criminal justice careers in federal, state and local criminal justice agencies. The programs are structured to provide an understanding of theoretical and philosophical foundations of criminal justice system and to prepare students who seek a career in the area of Criminal Justice. The programs emphasize academic quality and integrity, career advancement, technological innovation, the work-based paradigm, hands on exposure to cutting edge issues in criminal justice, commitment to students and citizens in its area, and dedication to program improvement.
The programs strive to educate students for positive impact on the environment. To further the mission, the programs forge strategic links between professional Criminal Justice Agencies, academic research, education of students, and promotion of justice. This provides for enhancement of criminal justice agencies, Criminal Justice research, and students education. Flowing from the enhancement is the strengthening of community and the overall quality of life within the University service area. Service to the community, development of students, and the advancement of criminal justice are also the goals of the department. The Department's missions and goals completion will be advanced by its continuing commitment to quality education, service to Criminal Justice and professionals and the community, and the continued development of the Department through research and modernization.

Programs Offered in the Department

The Department of Criminal Justice offers the following academic programs:

- Criminal Justice, Bachelor of Science (p. 247)
- Criminal Justice, Minor (p. 248)
- Master of Science in Criminal Justice (p. 41)

Fully online and face-to-face

Programs in the Department of Criminal Justice

- Degree information for the Associate of Science in Core Curriculum with a Criminal Justice Transfer Pathway (p. 154)
- Criminal Justice, Bachelor of Science (p. 247)
- Criminal Justice, Minor (p. 248)

CRJU 1100. Introduction to Criminal Justice. (3 Credits)
This is a survey course of the essential components of the criminal justice system. These components include police, courts and corrections. The interrelationships between components are illustrated. Processes and procedures within each component are reviewed. This survey course is a prerequisite to subsequent upper division courses.

CRJU 2200. Intro to Law Enforcement. (3 Credits)
This course is required for students majoring in criminal justice. This is a study of the philosophy and history of law enforcement at the federal, state, country and city levels. It is designed to expose students to the characteristics and operational missions of federal, state and local law enforcement agencies. Special emphasis will be placed on historical influences and conflicting roles with which the profession has struggled. Students become familiar with policing goals, contemporary police organizations and methods of operations, police culture and approaches to community police and problem oriented policing.

CRJU 2210. Intro. to Criminal Law & Procedure. (3 Credits)
This course includes an historical overview of criminal procedure including criminal procedure and common law. The Constitution's impact on criminal procedure and the impact of the Supreme Court are included in the overview. Probable cause and the requirements of search warrants and central issues. Arrests, illegal seizures, the exclusionary rule and the appeals process are examined.

CRJU 2400. Report Writing & Research Skills. (3 Credits)
This course is designed as a departmental effort to improve the writing skills of criminal justice majors, including technical and agency requirements in properly formatting reports. Students will utilize library resources, compiling bibliographies and abstracting articles.

CRJU 2500. Constitutional Proc in CRJU. (3 Credits)
Practices and procedures of criminal justice personnel are regulated by Constitutional principles and safeguards. This course focuses on the nature of due process and equal protection requirements as they apply in criminal justice settings. Special attention is given to the major components of the criminal justice system. These components are police, prosecution, courts, corrections and the juvenile justice system.

CRJU 2600. Juvenile Delinquency. (3 Credits)
This is a survey course of the juvenile justice system. Attention is given to theories of juvenile delinquency, legal processes in responding to delinquency and the treatment approaches utilized in the juvenile justice system.

CRJU 2700. Community Relations. (3 Credits)
This course includes problems in citizens relations, treatment of victims, witnesses and jurors, citizen involvement in the Criminal Justice process and community resources related to Criminal Justic programming.

CRJU 2800. American Correctional Systems. (3 Credits)
This is an interdisciplinary overview of the American Correctional System. Corrections refer to the sentencing, imprisonments and treatment of offenders coming to the attention of officials in criminal justice. Topics include the history of the American Prison System; research conducted on the inmate subculture, structure and of corrections, case law on prisoner rights litigation and community based corrections.

CRJU 2900. Criminology. (3 Credits)
Criminology is the study of the amount of crime in society theories of crime causation and the origins of criminal law. Elements of corpus delicate and the different methods of measuring crime are considered. The focus of the course is on the major schools of criminology: classical school, positive school and critical school. Empirical research studies within each school will be reviewed.

CRJU 2910. Organization and Administration in Criminal Justice. (3 Credits)
This course provided an analysis of the basic principles of administration and management as they apply to criminal justice agencies. Emphasis is placed on theories of bureaucracy, exercise of power planning and models of decision making. Principles of organization are applied to police, courts and corrections.

CRJU 3000. Global Terrorism. (3 Credits)
This course will focus on worldwide terrorism as an evolving phenomenon, from both historical and contemporary viewpoints. Studnets will derive their own definitions of what constitutes "terrorism" and terrorists" from a wide-ranging study of the groups and individuals associated with politicized action by force and violence. In doing so, the class will attempt to arrive at a consensus regarding the effects of terrorism and the responses to it, both by governments and by citizens at large. Terrorist methods, weapons, and tactics will be examined as they relate to overall strategies and goals, and current trends will be examined in detail. Finally, each studnt in which past and current terror events will be reviewed and analyzed, and a forecast will be prepared (and defended of what may be expected in the future.

CRJU 3200. Survey of Juvenile Justice System. (3 Credits)
As Juvenile crime continues to soar, issues concerning the impact and adequacy of juvenile justice processing remains of extreme importance. Concerns regarding effectiveness, as we seek ways to stem the juvenile crime trends, while simultaneously balancing constitutional and other legal issues, confront our society. The public is overwhelmed with stories from the media, providing graphic evidence of a "crime wave" generated by youth who, according to media reports, prey upon a defenseless public. This image of deliquent youth has brought with it fear of crime among the public that is almost without precedent. Politicians have responded with calls for harsher treatment of youthful offenders and/or an end to "revolving door" justice. Others have decried these responses as dehumanizing. Our juvenile justice system has sought to address the 'portion' of this problem that involves the constitutional and fair processing of children and youth who violate the law. This course is designed to address these issues.

CRJU 3300. Comp Inter legal System. (3 Credits)

CRJU 3410. Criminal Justice Research. (3 Credits)
This is a survey course on the methods/procedures of conducting social science research. Empirical methods utilized in sociology, psychology, economics, and journalism are reviewed, sampling techniques and various approaches to hypothesis testing are emphasized.

CRJU 3420. Research Statistics. (3 Credits)
This is a survey of descriptive and inferential statistics used in Criminal Justice research. Applications of parametric and nonparametric methods of hypothesis testing constitute the emphasis of the course. Measures of central tendency and dispersion are related to inferences to population parameters. Pearson's Product Moment correlation, regression, analysis of variance and other tests of sample means are reviewed.

CRJU 3530. CRJU Ethics and Professionals. (3 Credits)
No field of professional employment is more strewn with ethical considerations than the area of criminal justice. As students leave to join the work force they must be prepared to act professionally and ethically in any number intense situations. Further, students will be exposed to concepts and ethical points are critical to the success of their professional careers. Students will leave this with an increased awareness and concern for ethical issues in criminal justice, and a firm understanding of the importance of professionalism in their efforts for career advancement.

CRJU 4130. Law Enforcement and Legal Process. (3 Credits)
This course includes analysis of the legal aspects of police activities including investigation, arrests, searches and seizures; study of Constitutional and statutory law and decisions of the United States Supreme Court and the Georgia Court of Criminal Appeals.

CRJU 4210. Philosophy of Law and Punishment. (3 Credits)
This course exposes students to the various philosophies that laws and systems of punishment are based on today. The history of law in society is reviewed. Due process and Crime Control philosophies are compared and contrasted. Each philosophy is applied to the various stages of criminal justice processing: arrest, trail, appeals and corrections. Various works of key philosophers in the field will be presented and discussed.

CRJU 4340. Corrections and the Legal Process. (3 Credits)
This course provides a review of major federal court cases impacting correctional processes and procedures. Emphasis is given to Supreme Court decisions relating to prisoner rights under the first, fourth, fifth, eight and fourteenth amendments of the Constitution. Also, an analysis of the "hands on doctrine" as it relates to judicial intervention will be included.

CRJU 4350. Treatment, Testing and Evaluation in Corrections. (3 Credits)
Treatment and the tests and measures used in its implementation are reviewed in this course. Details of the different approaches used in the correctional process along with a presentation of testing instruments utilized in the process are presented. Emphasis is placed on the theoretical basis for treatment programs in corrections, along with the importance of tests and measurements in program design and evaluation.

CRJU 4360. Community Based Corrections. (3 Credits)
An in-depth analysis of the origins and philosophy of community based corrections is given. Diversion is discussed in an historical context. Various forms of community based corrections include probation, parole, house arrest, electronic monitoring and offender boot camp. The role and functions of halfway houses and community transitional centers are an important aspect of community based corrections. Schools of criminology and theories of punishment are related to various forms of community based corrections.

CRJU 4510. Organized and White Collar Crime. (3 Credits)
Conceptual distinctions are drawn between organized and white collar crime. There is a review of the causes and consequences of both forms of crime in contemporary society. Theories of white collar and organized crime will be classified into the following categories: social psychological and structural (societal). Society's responses to both forms of crime include federal statues, newspaper publicity, and debarment from occupational opportunities.

CRJU 4520. Drugs and Crime. (3 Credits)
Chemical dependency is correlated to a number of societal problems including crime, poverty, and unemployment. This course estimates the prevalence of drug use, types and amounts of drugs on the market, relationship between drug use and crime and various explanations of this relationship. Stages of drug dependency are reviewed. Demand and supply side approaches to the war on drugs are compared and contrasted. Demand and supply side approaches include drug testing, drug treatment programs, and other prevention activities.

CRJU 4530. Comparative Criminology. (3 Credits)
This course provides a review of theories and practices of crime and criminal justice systems in other countries throughout the world. Comparisons of different nations and their systems for responding to crime and delinquency will be discussed.

CRJU 4610. Internship. (3-12 Credits)
This course provides junior or senior students with an opportunity to gain practical experience in a criminal justice agency setting. Prior to enrolling in Internship, students must have a cumulative grade point average of 2.2 and must have completed CRJU 1100 and CRJU 2400 with a minimum grade of C. Successful completion of CRJU 4610 requires a final report and supervisory evaluation of the student by the agency. Agencies must be approved in advance by the faculty member coordinating internship activities.

CRJU 4620. Special Topics. (3 Credits)
This course will allow students to participate in specialized classes on a variety of topics. These topics will be presented by visiting scholars, faculty completing research in specialized areas, faculty returning from sabbaticals, and exchange from other faculty from other institutions and countries. Examples of the types of courses that will be offered in CRJU 4620 are as follows: International Crime, Crime and the African American Experience, German Criminal Justice System, Computers and Crime. This course is designed to allow students access to the most current and diverse subject matter available to the department on a continuing basis. Course syllabi will vary from course to course.

CRJU 4630. Race, Gender and the Criminal Justice System. (3 Credits)
This course examines race and gender in the criminal justice system. Comparisons of system treatment of males and female majority race and non-majority races, specifically the African-American race will be examined. Specific issues include, but are not limited to the disproportionate representation African-Americans in American correctional system, the disparate treatment of females in the criminal justice system, racial profiling, jury composition and nullification, bail and sentencing options, the creation and enforcement of drug policy and immigration issues.

CRJU 4650. The Court System in the United States. (3 Credits)
This course is designed to familiarize students with the United States court system and our system of justice as implemented through the civil and criminal procedures. The course will examine and assess the interdependence of our judiciary, and the role that politics and public policy play. Federal and state court structures will be examined; including appellate, lower and juvenile courts, and students will familiarize themselves with the various judicial, legal, and political personnel who impact our courts.

CRJU 4999. Senior Seminar. (3 Credits)
Must be enrolled in one of the following Class(es): Senior. This course is designed to expose students to the most advanced information available in field of Criminal Justice. Students will also be taught how to utilize this information during their coming professional careers. New technology in the field of Criminal Justice will be taught to students. Students will learn how to use this technology and become proficient in its utilization. Further students will be taught where information relating to Criminal Justice is located and how to access this information. Finally the ability to synthesize large amounts of information into a coherent report of a subject area will be instilled in students. Graduating seniors only.

Criminal Justice, Bachelor of Science

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
CRJU 1100	Introduction to Criminal Justice	3
CRJU 2200	Intro to Law Enforcement	3
CRJU 2210	Intro. to Criminal Law & Procedure	3
CRJU 2400	Report Writing & Research Skills	3
CRJU 2800	American Correctional Systems	3
Select one the following:		3
SOCI 1160	Introduction to Social Problems	
ECON 2201	Survey of Economics	
POLS 2101	Introduction to Political Science	
BUSA 2101	Survey of Computer Applications	
SSCI 2402	Microcomputers in Social Science	
Any Foreign Language course		
Area G: Major Courses (42 hours)		
Area G Required Courses (30 hours)		
CRJU 2900	Criminology	3
CRJU 2910	Organization and Administration in Criminal Justice	3
CRJU 3200	Survey of Juvenile Justice System	3
CRJU 3410	Criminal Justice Research	3
CRJU 3420	Research Statistics	3
CRJU 3530	CRJU Ethics and Professionals	3
CRJU 4210	Philosophy of Law and Punishment	3
CRJU 4630	Race, Gender and the Criminal Justice System	3
CRJU 4650	The Court System in the United States	3
CRJU 4999	Senior Seminar	3
Area G: Criminal Justice Electives		
Select 12 semester hours of the following (9 hours must be 3000-4000 level from below):		12
FOSC 2110	Survey Of Forensic Science	

CRJU 2500	Constitutional Proc in CRJU	
CRJU 2600	Juvenile Delinquency	
CRJU 2700	Community Relations	
CRJU 3000	Global Terrorism	
FOSC 3030	Criminal Evidence and Court Procedure	
CRJU 3300	Comp Inter legal System	
CRJU 4130	Law Enforcement and Legal Process	
CRJU 4340	Corrections and the Legal Process	
CRJU 4350	Treatment, Testing and Evaluation in Corrections	
CRJU 4360	Community Based Corrections	
CRJU 4510	Organized and White Collar Crime	
CRJU 4520	Drugs and Crime	
CRJU 4530	Comparative Criminology	
CRJU 4610	Internship	
CRJU 4620	Special Topics	
Area H: 18 hours of free electives (can be used for a minor)		*18*
Elective 1 3000/4000 level required if not taking a minor		
Elective 2 3000/4000 level required if not taking a minor		
Elective 3 3000/4000 level required if not taking a minor		
Elective 4		
Elective 5		
Elective 6		
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Criminal Justice, Minor

Please note that a minimum grade of C is required for each course in order to earn the minor.

Code	Title	Semester Hours
CRJU 1100	Introduction to Criminal Justice	3
CRJU 2800	American Correctional Systems	3
CRJU 2900	Criminology	3
CRJU 3200	Survey of Juvenile Justice System	3
CRJU 4130	Law Enforcement and Legal Process	3
CRJU 4650	The Court System in the United States	3
Total Semester Hours		18

Department of Social Work

(Accredited by the Council of Social Work Education, 2003-2024)

The Social Work core course requirements at the Junior and Senior levels lead to the Bachelor of Social Work (B.S.W) degree. The Social Work Program is fully accredited by the Council on Social Work Education (CSWE). The mission of the B.S.W. Program is to advance social, economic and environmental justice by preparing students for competent, empowering generalist social work practice with individuals, families, groups, communities and organizations from diverse populations. The curriculum is comprised of a liberal arts foundation, combined with social work courses addressing the knowledge, skills, and values of the profession. Preparation for a career as a generalist practitioner in Social Work includes a supervised field practicum. Students with interest in child welfare can complete an internship with the Department of Family and Children Services.

The major in Social Work requires:

1. Completion of 123 semester hours with a cumulative grade point of at least 2.5
2. Completion of courses

Code	Title	Semester Hours
SOWK 2211	Social Policy I (Formerly Social Welfare Policy and Services I)	3
SOWK 3211	Social Policy II (was Social Welfare Policy/ Service II)	3
SOWK 3441	Social Work Practice I	3
SOWK 3442	Social Work Practice II	3
SOWK 3444	Research Methods I	3
SOWK 4306	Research II: Measurement in SOWK	3
SOWK 4441	Social Work Practice III	3
SOWK 4470	Field Intergrative Seminar	3
SOWK 4472	Field Instruction	12

   with a grade of “B” or above;
3. Completion of courses

Code	Title	Semester Hours
SOWK 2310	Self Awareness	3
SOWK 3300	Foundational Values and Ethics	3
SOWK 3381	Human Behavior and the Social Environment	3
SOWK 3382	Human Behavior and Social Environment II	3
SOWK 3443	Interviewing & Recording	3

   with a grade of "C" or above; and
4. Successful completion of the ACAT examination

Title IV-E Program

Students who are admitted to the Social Work Program can apply for the Title IV-E Scholarship. The student must have a G.P.A. of 2.5. Two Social Work electives are required in conjunction with an internship with the Department of Family and Children Services. Interested student should contact the B.S.W. Program Director or the Title IV-E Coordinator.

The two required electives courses are:

Code	Title	Semester Hours
SOWK 3291	Family & Child Welfare Services	3
SOWK 3383	Social Work with Families	3

Dual Majors

A Dual Major in Social Work is available for students interested in combining several areas of studies with the permission from the Chair of the particular area of study from which the student is pursuing a dual

major. Students interested in a dual major must complete the required field practicum in Social Work. Completion of a dual major requires additional semester hours beyond the first degree. Once arrangements for a dual major have been approved by the Chair of the Department, the student must have their Social Work curriculum cleared with the BSW Program Director.

Programs in the Department of Social Work

- Bachelor of Social Work (BSW) (p. 251)

SOWK 1380. Family Dynamics. (3 Credits)
This course critically examines the theoretical assumptions of the neo-liberal school of economics and presnets other options int he area of both economic theory and political economy.

SOWK 1385. Careers in Social Work. (3 Credits)
This course forcuses on the various roles and functions social workers perform and highlights the dynamisms and vitality of the social work profession.

SOWK 2211. Social Policy I (Formerly Social Welfare Policy and Services I). (3 Credits)
This is the introductory course (the first in a two course sequence) to social welfare policies and services.

SOWK 2310. Self Awareness. (3 Credits)
This course is designed to address self-awareness and effective learning that is necessary to become an effective professional social work practitioner.

SOWK 2411. The Social Work Profession. (3 Credits)

SOWK 2412. Introduction to Social Work. (3 Credits)
A survey of programs and services developed as a response to human needs, from both a historical and political perspective. The course provides a foundation for the Social Work program and helps students comprehend the Docial work code of ethics. This course explores a wide range of human problems, intervention strategies and professional practice choices from a generalist perspective. This course also focuses on the problem solving process for people who are oppressed, marginalized, and/or underserved from a generalist perspective.

SOWK 3210. Social Work Economics. (3 Credits)

SOWK 3211. Social Policy II (was Social Welfare Policy/Service II). (3 Credits)
This course is the second in a two-course sequence. Focuses on the policy formulation process adn evaluates its components.

SOWK 3262. Poverty and Welfare. (3 Credits)

SOWK 3275. Forensic Interviewing. (3 Credits)
This course provides the student with interviewing techniques in forensic social work settings.

SOWK 3291. Family & Child Welfare Services. (3 Credits)
This course is designed to explore aspects of child welfare services. Focuses on child welfare issues related to diverse populations who are oppressed, marginalized, as we1l as the underserved in rural Southwest Georggia.

SOWK 3300. Foundational Values and Ethics. (3 Credits)

SOWK 3303. Behavior Statistics. (3 Credits)

SOWK 3304. Behavior Statistics. (3 Credits)

SOWK 3350. Social Gerontology. (3 Credits)
This course give a survey of cross-cultrueal views on aging, social implications of aging population, social adjustment in the process of aging and societal reactions to and provisions for personas in later life.

SOWK 3353. Counseling the Aged. (3 Credits)
This course offers a survey of probelms in later life and an overview of related counseling techniques.

SOWK 3381. Human Behavior and the Social Environment. (3 Credits)
The course is the human behavior and social environment professional foundation sequence is designed to orient studetns to theoretical content on thinking about human behavior as changing confirgurations of person and environment over time is a multidemensional approach.

SOWK 3382. Human Behavior and Social Environment II. (3 Credits)
The second course in the human behavior and the social environment professional foundation sequence. It is designed to expand the social work studen's knowledge of theoretical content of the sperson-in-environment focus upon which social work bases its practice.

SOWK 3383. Social Work with Families. (3 Credits)
This seminar course is designed to provide the opportunity for seminar participants to analyze thesubject of family dynamics as a social issue and to explore policy impliations. Using a family system, multi-generational, and developmental framework the seminar will explore challenges faced by contemporary families as they move through the life course. A social systems approach to the family and its diversity will be utilized. Students must take prerequisite before taking this course which is required at the junior level.

SOWK 3384. Children and the Law. (3 Credits)
This course is an elective course that is designed to review the genre of law and how it impacts the tasks performed by social workers in various settings in relation to children with an emphasis on the child welfare setting. This course looks at intervention witin this arena from the micro and macro levels. Students will strengthen their practice skills with confidentiality, lega comprehension, court preparation, and courtroom testimony. It will further provide an understanding of the implementation and effect of court fuling on policy and practice. Additionally, this course will review the judicial process, the nature of case law and the integration with social welfare practice.

SOWK 3385. Social Work With Children. (3 Credits)
This course is designed to provide students with a generalized concept of " At-risk" youth (inclusive of children and adolescents) across venue. Students will be given an overall prespective of the ecological and societal factors that contribute to placing children and adolescents at risk of future dangerous/negative outcomes. Students will gain a synthesis of information for practical application in prevention, intervention and treatment approaches. The course will look at the youth from a holistic, strenghts based, child centered family prespective.

SOWK 3391. Issues in International SOWK. (3 Credits)
This course will analyze key economic, political and social issues currently affecting social work in an international context.

SOWK 3400. Mental Health Service. (3 Credits)
This course provides an overview of the contemporary context of social work practice in mental health.

SOWK 3441. Social Work Practice I. (3 Credits)
This course is the first of three practice courses. It is an overview of Social Work generalist practice at the mircro level of intervention.

SOWK 3442. Social Work Practice II. (3 Credits)
This course is designed to interoduce the social work student to social work practice at the mezzo level which focuses on effective tehniques to utilize when working with groups and families.

SOWK 3443. Interviewing & Recording. (3 Credits)
This course provides foundation knowledge and practice of interviewing and process recording for generalist social work practice.

SOWK 3444. Research Methods I. (3 Credits)
This course is the first Social Work research course which teaches scientific methods of basic research skills, including definitions, problem solving, interventions and outcomes in measurable terms.

SOWK 4292. Service Delivery Systems and the Aged. (3 Credits)
This course is designed to provide human service professionls with knowledge regarding resources and services required by the aged.

SOWK 4293. Social Work in Health Care. (3 Credits)
This course provides a common outline and framework for practitioners' analyses of social work with various populations in acute care, long-term care, rehabilitation, community-based, and mental health settings. It introduces social work student to a range of clients and provides an overview of many social work settings and services in health arena.

SOWK 4300. Behavioral Statistics. (3 Credits)

SOWK 4304. Measurement in Social Work Practice. (3 Credits)

SOWK 4306. Research II: Measurement in SOWK. (3 Credits)
This course is teh second Social Work research course which provides basic instructions in the use of conceptual and quantitative tools for the description and interpretation of data.

SOWK 4310. Global Research. (3 Credits)
This course is interactive and will provide a platform for exploring current social welfare issues that will assist in comparing states, countries and public attitudes about some of the most important social welfare issues facing society both at home and abroad. It is an avenue for practical technological skills to be integrated with global issues pertaining to social welfare. Prerequisites: SOWK 3211; 3262; 3381; 2412 Corequisites: SOWK 4304.

SOWK 4421. Field Instruction Seminar I. (2 Credits)

SOWK 4422. Field Instruction Seminar II. (2 Credits)

SOWK 4423. School Social Work Practice. (3 Credits)
This course is the first of two school social work courses offered to students interested in employment in a school system. It is a learning process in school social work practice, policies, and reasearch skills to give a clear understanding of social work in an educational setting from K-12. Students will examine the use of theory, policies, and research to help yound people from K-12 solve problems and to help thme accomplish their goals. The classroom will become a laboratory for students to practice and develop additional social work skills. In addition, students will establish relationships with a school and/or a school worker to observe and analyze activities/interventions performed during the run of a school day. This practice-oriented course to develp knowledge related to school social work, and the dynamics, development, and leadership that plays an important part in the normal routine of the school social worker.

SOWK 4424. School Social Work Service. (3 Credits)
This course is one of two school social work courses offered to studetns interested in school employment. it is a continuum learning process in school social work services to give a clear understanding of social work in an educational setting from K-12 to meet the needs of young peoople.

SOWK 4435. Death and Dying. (3 Credits)
Perhaps nothing is more profoundly human than the experience of and awareness of mortality and loss – our own and those around us. Perhaps nothing is more unique and personal – and yet informed by our community, our culture, and our sense of history – than the ways in which we experience, process, and express such awareness. And, finally, perhaps nothing is more paradoxical and remarkable than the ways in which such awareness can be brought to enrich our lives and enhance our creativity, caring, thoughtfulness, and joy. This course alows students to focus in on questions of Death and Dying and on Life and Living.

SOWK 4441. Social Work Practice III. (3 Credits)
This course continues the learning process of Social Work skills throught to be more clearly understood in relationship to selected community interventions, processes, structures and functions.

SOWK 4450. Special Topics in Social Work. (3 Credits)
This course provides an opportunity for senior-level social work studetns to select from among pre-identified social work topics germane to the mission, goals and objectives of the Social Work Program.

SOWK 4460. International Social Welfare Policy. (3 Credits)
This course will analyze key economic, political, and social issues currently affecting social work in international context.

SOWK 4470. Field Intergrative Seminar. (3 Credits)
This seminar course is designed to provide the studetn with an opportunity to faciltate the systematic inegration of the concepts, methods, policies, skills and values involved in generalist social work practice.

SOWK 4471. Field Practicum. (12 Credits)
Advanced 200-clock-hour practice experience designed for application and integration by students of principles, methods and skills of the generalist model. Students are placed in an approved agency following the successful completion of a practicum application process. Students complete one semester of field instruction in the same certified placement agency during the fall semester. Prerequisites: Social Work Majors Only and Approval of the Coordinator of Field Instruction.

SOWK 4472. Field Instruction. (12 Credits)
Field is an advanced practice experience designed for application and integration by studetns using social work principles, methods and skills taught throughout the professional development curriculum.

SOWK 4473. Generalist Field Seminar I. (3 Credits)
This field seminar class is designed to provide the student with an opportunity to facilitate the systematic integration of the concepts, methods, policies, skills, and values involved in generalist social work practice. This course provides linkage between the classroom and field settings.

SOWK 4474. Generalist Field Seminar II. (3 Credits)

SOWK 4475. Generalist Field Experience I. (6 Credits)
The BSW Field Course, SOWK 4475: Generalist Field Experience I will be the first required six credit field experience course that will involve sixteen hours of supervised generalist social work practice in a social service agency.

SOWK 4476. Generalist Field Experience II. (6 Credits)
The BSW Field Course, SOWK 4476: Generalist Field Experience II, will be a required six credit course that will involve sixteen hours of supervised generalist social work practice in a social service agency. The BSW student will be under the direction of a field supervisor who has attended our field instructor training sessions and meets the criteria mandated by our accrediting body, the Council on Social Work Education (CSWE). Students take the SOWK 4474: Generalist Field Seminar II course concurrently with SOWK 4476 in order to better integrate classroom learning with their field experiences. Prerequisites: Successful completion of SOWK 4473 and SOWK 4475. Co-requisites: SOWK 4474: Generalist Field Seminar II and enrollment in all remaining electives.

SOWK 4492. Service Delivery System & the Aged. (3 Credits)
This course gives students survey of problems in later life and an overview of related counseling techniques.

SOWK 4494. Social Work & Chemical Depende. (3 Credits)
This course is designed to help students bring together their present value and knowledge bases with the skills, attitudes, knowledge, and values needed to foster their development into effective and ethical addiction practitioners.

SOWK 4495. Human Sexuality. (3 Credits)
This course provides an in-depth review of theories of human sexual behavior, including psychological, biological, sociological, evoluntionary, femist, homosexual and bi-sexual theories.

SOWK 4496. HIV/AIDS:Global Impact. (3 Credits)
This course explores the social and economic impact of HIV/AIDS global presprective.

Bachelor of Social Work (BSW)

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major (A grade of C or better is required for these courses)		
PSYC 1101	General Psychology	3
SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3
SOWK 1385	Careers in Social Work	3
SOWK 2412	Introduction to Social Work	3
SOWK 3300	Foundational Values and Ethics	3
Area G1 - Required Major Courses (A grade of C or better is required for these courses)		
SOWK 2310	Self Awareness	3
SOWK 3381	Human Behavior and the Social Environment	3
SOWK 3382	Human Behavior and Social Environment II	3
SOWK 3443	Interviewing & Recording *	3
Area G2 - Required Major Courses (A grade of B or better is required for these courses)		
SOWK 2211	Social Policy I (Formerly Social Welfare Policy and Services I) (Area G1:) *	3
SOWK 3211	Social Policy II (was Social Welfare Policy/Service II) *	3
SOWK 3441	Social Work Practice I *	3
SOWK 3442	Social Work Practice II *	3
SOWK 3444	Research Methods I *	3
SOWK 4306	Research II: Measurement in SOWK *	3
SOWK 4441	Social Work Practice III *	3
SOWK 4470	Field Intergrative Seminar *	3
SOWK 4472	Field Instruction *	12
Area G3: Major Electives (A grade of C or better is required for these courses)		12
SOWK 3275	Forensic Interviewing	
SOWK 3291	Family & Child Welfare Services	
SOWK 3210	Social Work Economics	
SOWK 3350	Social Gerontology	
SOWK 3353	Counseling the Aged	
SOWK 3383	Social Work with Families	
SOWK 3384	Children and the Law	
SOWK 3385	Social Work With Children	
SOWK 3391	Issues in International SOWK	
SOWK 3400	Mental Health Service	
SOWK 4292	Service Delivery Systems and the Aged	
SOWK 4293	Social Work in Health Care	
SOWK 4424	School Social Work Service	
SOWK 4310	Global Research	
SOWK 4450	Special Topics in Social Work	
SOWK 4460	International Social Welfare Policy	
SOWK 4494	Social Work & Chemical Depende	
SOWK 4495	Human Sexuality	
SOWK 4496	HIV/AIDS:Global Impact	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Department of Teacher Education

The Department of Teacher Education offers the Bachelor of Science degree in Early Childhood Education, Middle Grades Education and Secondary Education. (Please see the Graduate Catalog for information about the graduate degrees offered.) Each degree program is approved and leads to Level-4 Teacher Certification by the Georgia Professional Standards Commission. Therefore, in addition to degree requirements, each candidate must pass all parts of the required GACE Program Admissions (or exempt with SAT or ACT scores) and GACE Content Exam for the pursued program of study, as well as fully meet all additional State of Georgia certification requirements before graduation.

Accreditation

Teacher Education programs are accredited by the Georgia Professional Standards Commission and the Council for the Accreditation of Educator Preparation. Albany State University is fully accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Bachelor's, Master's and Education Specialist degrees.

Certification

All Teacher Education programs are approved by the Georgia Professional Standards Commission. Upon completing an approved program and with the recommendation of the Department of Teacher Education, graduates receive State of Georgia Level-4 certification as teachers, the basic credential for teaching in the public school in Georgia. Please note that the approved programs are designed to meet Georgia certification, and that certification requirements of the State of Georgia do change, producing changes in the requirements of the approved programs. Candidates must comply with all changes for degree requirements if the changes impact certification. All Teacher Education candidates who plan to teach should file applications for Teacher Certification during Student Teaching.

Teacher Education Governance And Curricula

The Department of Teacher Education is the University's Teacher Education Unit. All Teacher Education Programs of all departments of Albany State University are governed by the policies listed in this section. The Chair of the Department of Teacher Education is the Official Certification Officer for Teacher Education with the aid of the College of Professional Studies Leadership Team.

Admission to the Educator Preparation Program/Teacher Education

Formal admission to the study of Teacher Education is a mandatory requirement. All candidates pursuing initial Teacher Certification must be admitted to the Professional Education Unit/Teacher Education. This includes candidates who are pursuing bachelor degrees via an approved Teacher Education Program, and post-baccalaureate students who are seeking initial or additional Level-4 certification as teachers. Candidates are not eligible to take 3000 and 4000 level Education courses or Student Teach until admitted to the Professional Education Unit/Teacher Education. Candidates enrolling in 3000 and 4000 level Education courses without having met the admissions requirements to the Educator Preparation Program/Teacher Education will be administratively withdrawn from class(es).

Application for Admissions to the Educator Preparation Program/Teacher Education

An Application for Admission to the Professional Education Unit will be obtained from the Depar of Education and completed with the Academic Advisor for processing and submission. Candidates are encouraged to register for the GACE Program Admissions Examination while enrolled in EDUC 2120: Explore Soc/Cul Perspectives. Transfer candidates who have completed the requirements for admission at a previous institution should apply for Admission to the Educator Preparation Program/Teacher Education their first semester of enrollment.

Requirements for Admission to the Professional Education Unit/Teacher Education

The College of Professional Studies is a professional college. Therefore, formal action must be taken by the College for candidates desiring entry into the study of Teacher Education. The following criteria must be met to gain Admission to the Professional Education Unit/Teacher Education:

1. Completion of a minimum of 36 semester hours from areas A, B, C, D and E of the Core with a cumulative grade point average of 2.5 or above.
2. Completion of EDUC 2110, ENGL 1101 and ENGL 1102 and MATH 1111 (or equivalent) with grades of "C" or above.
3. Proficiency in written communication as demonstrated in EDUC 2110.
4. Commitment to abide by the Professional Standards Commission's Code of Ethics by receiving a successful review of the Criminal Background Check.
5. An acceptable history of professional dispositions and criminal background.
6. Completion of EDUC 2199 Orientation to Teacher Education.
7. Submit an Admissions Application to the Department of Teacher Education.
8. Pass the GACE—Program Admissions Examination (reading, writing, and mathematics)
9. Submit application for the Georgia PSC Pre-Service Certificate.
10. Provide documentation of coverage by a Professional Liability Insurance Program. (Inexpensive insurance coverage is usually acquired through Professional Association Membership and proof of medical insurance.)
11. Satisfactory completion of unique requirements of the specific program applied to and approval by the corresponding program coordinator. This may include specific achievement tests or physical performance requirements.

Guidelines for GACE – Program Admissions Examination Testing Program

The College of Professional Studies has established the following guidelines regarding the GACE Basic Skills examination:

1. Candidates must successfully pass or exempt the GACE Basic Skills Examination before formal admission to the Professional Education Unit.
2. Candidates should register for and take the GACE Program Admissions Examination while enrolled in EDUC 2120.
3. Candidates who have not successfully passed or exempted the GACE Basic Skills assessment should register for the Mastery Learning elective(s) and/or attend Supplemental Instruction sessions to receive intensive GACE Basic Skills preparation in targeted areas of weakness.
4. Candidates should submit their official GACE scores to their Academic Advisor.

Advisement Activities

The faculty and staff in the Department of Teacher Education provide the following advisement support services and activities to Teacher Education candidates:

- **Program of Study -** Assist candidates with course selection required for Core Requirements and Teacher Education according to Catalog and Program of Study Check Sheets; guide candidates through the process of meeting program requirements; and, facilitate candidate development as professional educators in their respective fields.

- **Orientation -** Advise COE candidates that they are required to attend a mandatory orientation each year with the Department Chairperson and Advisors to share important program information and address candidates' concerns regarding program changes and requirements. These meetings keep candidates current on program and certification information.
- **Early Experience -** Advise candidates who are interested in education to participate in early experiences where they have opportunities to work with children in a supervised setting.
- **Transfer Students -** Advice transfer candidates as to the appropriate actions needed for transfer articulation of courses between colleges/universities, as well as how to gain unconditional admission to the Teacher Education Program.
- **Professional Development Workshops -** Advise candidates to attend professional development workshops when provided.
- **Campus Services** – Advise candidates to seek services from appropriate campus support units when needed (QEP Writing Center, University Counseling/Testing, etc.).

Field and Clinical Experiences

All professional education courses in the department of Teacher Education require authentic field experiences. Candidates are expected to engage in experiences with diverse candidates across a variety of grade levels as specified by their intended program of study.

Beginning of School Experience

All candidates are required to spend approximately two weeks in a public school to observe/participate at the beginning of the school year. Candidates must apply for the Beginning School Experience during the spring semester prior to the academic year they are scheduled to student teach, whether Student Teaching in the fall or the spring. They must complete this field experience in a school setting with the level of student they will be expected to student teach. Approval and arrangements for the Beginning School Experience are made with the school by the education candidate and the Director of Clinical Experiences. Service for one year as a paraprofessional may substitute for the Beginning School Experience.

Student Teaching

Student Teaching is the capstone experience for the entry level baccalaureate programs and is conducted in accredited schools. Candidates are advised against taking additional classes while completing Student Teaching. Candidates must apply for admission to Student Teaching by attending the Pre-Student Teaching Seminar in the preceding semester (EDUC 3403—Practicum III).

Admission Requirements for Student Teaching

For all Teacher Education programs, Admission to Student Teaching requires that the candidate:

- Be fully admitted to the Professional Education Unit/Teacher Education and is in good standing (G.P.A. of 2.5 or better).
- Has completed the required specialty area (teaching content) and professional courses.
- Has applied for Admission to Student Teaching by successfully completing the Practicum III the preceding semester (EDUC 3403).
- Is covered by Professional Liability Insurance. (Inexpensive insurance coverage is usually acquired through Professional Association Membership and proof of medical insurance.)
- Has completed the GACE requirements.
  - Pass Program Admissions (all majors)
  - Pass GACE Ethics—Entry (all majors)
  - Pass GACE Content Exam. (Middle Grades majors must pass primary content area and attempt secondary content major.)
- Commitment to abide by the Professional Standards Commission's Code of Ethics by receiving a successful review of the Criminal Background Check.
- Has completed EDUC 2199 Orientation to Teacher Education.
- Has performed successfully on the Dispositions Assessment in EDUC 3403 (Practicum III).
- Has completed Beginning School Experience prior to Student Teaching.
- Has received a GaPSC Pre-service Certificate.

Internship and Practicum Courses

All internship and practicum courses taken in lieu of Student Teaching are governed by Student Teaching policies and all Student Teaching requirements are applicable to these courses.

*Candidates who have not been formally admitted to the Educator Preparation Program/Teacher Education will not be permitted to enroll in the Clinical Experience.

Minor in the Department Of Teacher Education

A minor in Education is available to candidates who are pursuing a major outside of Education, but are interested in the field. The minor does not lead to initial certification, but provides the candidate with the foundation courses required of the Georgia Professional Standards Commission should the candidate desire to seek certification at a later time. Candidates seeking the minor must be admitted to the Educator Preparation Program/Teacher Education.

Graduation Requirements

In addition to successfully completing all course work, the Department of Teacher Education requires that candidates attain eligibility for certification upon graduation. There are some certification requirements that must be met prior to completing the program. During student teaching/internship, candidates must successfully pass the GaPSC Educational Teacher Performance Assessment (edTPA) and the GACE Ethics-Exit.

Programs in the Department of Teacher Education

- Degree information for the Associate of Science in Core Curriculum with an Education Transfer Pathway (p. 154)

- #
- A
- B
- C
- D
- E (p. 254)
- F
- G

- H
- I
- J
- K
- L
- M (p. 254)
- N
- O
- P
- Q
- R
- S (p. 254)
- T
- U
- V
- W
- X
- Y
- Z

E

- Early Childhood Education, Bachelor of Science (p. 256)
- Education, Minor (p. 256)

M

- Middle Grades Education (MGED 4-8), Bachelor of Science (p. 257)

S

- Secondary Education, Bachelor of Science (p. 257)

ECEC 3200. Curriculum in Early Childhood Education. (3 Credits)
This course examines the philosophical, psychological and sociological basis for selecting curricula for children newborn through nine. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 3319. Quantitative Skills for Young Children. (3 Credits)
Considers methods of teaching math concepts to early childhood students of all ability levels. Problem-solving strategies are examined. Observation-laboratory experiences included.

ECEC 3322. Reading through Childrens Literature/Language Arts. (3 Credits)
This course examines the study of the literature published for children, with emphasis upon traditional literature, current trends and reading guidance, and the use of books and materials in educational development. Language arts and using literature across the curriculum are also studied. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 3352. Health and Physical Education for Young Childeren. (3 Credits)
Contemporary theory and basic scientific findings on gross and fine motor activities of children of varied characteristics up to nine years of age. Planning and teaching for psychomotor development.

ECEC 3354. Science for Young Children. (3 Credits)
This course considers different methods and materials for teaching science to preschool and primary age students. Observation-laboratory experiences are included.

ECEC 3355. Developmental Reading for Young Children. (3 Credits)
Teaching techniques and materials for developmental reading. Emphasis on emergent literacy, whole language, as well as traditional approaches to reading instruction. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 4354. Science for the Young Child. (4 Credits)
This course considers different methods and materials for teaching science to preschool and primary age students. A laboratory component is included. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 4400. Social Studies/Diversity/Language Arts. (3 Credits)
A study of the social studies curriculum for toddlers, preschool and grades K – 4. An exploration of multicultural concepts of the family, neighborhood, community and society. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 4420. Preschool Education. (3 Credits)
Focuses on various preschools and their philosophies as related to young children. Laboratory and field experiences required.

ECEC 4423. Corrective Reading in Early Childhood. (3 Credits)
Provides prospective classroom teachers with an understanding of reading difficulties plus practical experiences in the diagnosis, assessment, and prescriptive of corrective treatment of reading problems. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 4460. Student Teaching in Kindergarten and Primary Grades. (12 Credits)
Student teaching in the early childhood grades. Observation an teaching for one semester under the direction of an approved supervising teacher in selected kindergarten and early elementary schools.

ECEC 4490. Internship in Early Childhood Education I. (6 Credits)
Supervised internship in an approved Early Childhood instructional setting. Designed for selected teachers with a provisional certificate in the field of intended certification.

ECEC 4491. Internship in Early Childhood Education II. (6 Credits)
Supervised internship in an approved Early Childhood instructional setting. Designed for selected teachers with a provisional certificate in the field of intended certification.

ECEC 4500. Remedial Reading: A Practicum. (3 Credits)
Examines issue associated with struggling readers with emphasis on evidence-based instructional strategies. Provides authentic field experience to assist with application of scientifically-based practices in reading education. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

MGED 3314. Mathematics in the Middle Grades. (3 Credits)
Basic concepts in algebra are stressed with emphasis placed upon a structural development of the real number system. This course offers a review of the real number system as well as a review of the Mathematics Curriculum normally found in Grades 4 – 8. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 3315. Curriculum Needs and Characteristics of the Middle School Child. (3 Credits)
This course is designed to provide pre-service teachers with an overview of the curriculum needs and characteristics of middle grade children, along with program rationale goals, principles of curriculum development, organizational designs and teaching strategies. The candidate must earn a minimum grade of 'C' to receive credit on the program of study for this course.

MGED 3326. Preadolescent Literature. (3 Credits)
This course is a survey of the types of literature appropriate for students in grades 4-8. Emphasis is placed upon extensive reading and evaluation of children's books as well as techniques for effective use in the classroom. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

MGED 4422. Social Studies in the Middle Grades. (3 Credits)
This course teaches principles and practices of teaching concepts and skills in Social Studies.

MGED 4423. Language Arts in the Middle Grades. (3 Credits)
This course is designed to give prospective teachers of middle grade students the knowledge and skills necessary to assist youth in becoming efficientin their use of the six linguistic skills of listening, speaking, reading writing, viewing (visually representing), and illustrating for the overall purpose of effective communication in our culturally diverse society. This in turn will ensure wise decision-making and responsible citizenship in our democratic society. As such, the course is an integrated overview of the principles, practices, and materials used in teaching language arts for verbal, non-verbal and written communication. Additionally, it offers prospective teachers the opportunity to assist certified teachers in the public schools.

MGED 4434. Science in Middle Grades. (3 Credits)
This course examines teaching strategies appropriate for middle grade students to understand physical and biological concepts. Problem-solving, lecture, and inquiry techniques are examined. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

MGED 4439. Reading in the Middle Grades. (3 Credits)
Course designed to focus attention on reading instruction as it relates to the particular needs of the early adolescent in the middle grades. The goal is to prepare prospective teachers to teach reading across the curriculum and as a separate subject.

MGED 4461. Student Teaching in Middle Grades. (12 Credits)
Observation and teaching for one semester under the direction of an approved supervising teacher in selected middle school centers. A seminar component is included.

MGED 4481. Internship in Middle Grades Education. (6 Credits)
Teaching middle school children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only.

MGED 4482. Intern II in Middle Grades. (6 Credits)
Teaching middle school children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only.

SPED 2230. Exceptional Children. (3 Credits)
A study of the characteristics, identification and educational needs of exceptional children and youth. Field experience required.

SPED 3230. Contemporary Perspectives. (3 Credits)
This course is designed to provide a study of the development, charactersistics, identification and educational needs of exceptional children and youth. Field experience required.

SPED 3231. Contemp Persp Students w/Excep. (3 Credits)
A study of the characteristics, identification and educational needs of children and youth with exceptionalities.

SPED 3300. Development and Characteristics of Children with Mild Disabilities. (3 Credits)
Examines the develpoment and characteristics of children with mild specific learning siaabilities, behavior disorders, and mild intellectual disabilities.

SPED 3306. Nature and Characteristics of the Intellectually. (3 Credits)
A study of the characteristics and needs of children with intellectual disabilities, including history, current laws, and identification for services.

SPED 3307. Nat/Char of Stud w/Intel Disab. (2 Credits)
A study of the characteristics and needs of children with intellectual disabilities, including history, current laws, and identification for services. Prerequisites SPED 3230.

SPED 3310. Instructional Methods/Materials for Children with Mild Disablilities. (3 Credits)
This course provides an overview of theory and research identifying effective methods for teaching adolescents with mild disabilities. Additionally, appropriate materials are identified for use in teaching youth with mild disabilities.

SPED 3312. Curr/Meth/Mat Tchng Adap Curr. (2 Credits)
This course focuses on curriculum development and instructional design for students with moderate, severe and profound intellectual disabilities. Prerequisites SPED 3230.

SPED 3331. Occ Guid Stud w/Intel Dis. (2 Credits)
Examines employment opportunities, job analysis, and placement procedures for sh1dents with intellectual disabilities. Emphasis will be placed on educational, social, vocational and transition guidance. Prerequisites SPED 3231, SPED 3307, SPED 3312.

SPED 3340. Curriculum, Transitions and Instructional Planning for Teaching the Mildly Disabled. (3 Credits)
Observation and teaching during the entire school day under the guidance of selected classroom teachers.

SPED 3341. Curr/Trans Instr Tch Stu Dis. (2 Credits)
This course is designed to explore the theories and research that form the basis for curriculum development and planning. Students will become knowledgeable of effective instructional practices as they relate to teaching students with various disabilities and exceptionalities.

SPED 4400. Learning Environment and Behavioral Management for Children with Mild Disabilities. (3 Credits)
Theory and application of behavior modification techniques.

SPED 4401. Lrng Env Behav Mgmt Chd W/Disa. (2 Credits)
A study of the characteristics, identification and educational needs of exceptional children and youth and classroom management techniques used to work with them in the school setting.

SPED 4450. Student Teaching in Special Education. (12 Credits)
Teaching students with disabilities in approved educational setting under the guidance of teachers certified in Special Education.

SPED 4460. Student Teaching Mild Disable. (6 Credits)
Observation and teaching during the entire school day under the guidance of selected classroom teachers.

SPED 4470. Student Teaching in Inclusive Environments. (6 Credits)
Observation and teaching during the entire school day under the guidance of selected classroom teachers.

SPED 4471. Internship in Special Education I. (6 Credits)
Teaching special education children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only. Perquisite: Admission to Teacher Education.

SPED 4472. Internship in Special Education II. (6 Credits)
Teaching special education children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only. Perquisite: Admission to Teacher Education.

Early Childhood Education, Bachelor of Science

Early Childhood Education (Grades P-5), Bachelor of Science - Area F and Major Courses

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to the Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [2]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
ISCI 2001	Life/Earth Science	3
ISCI 2002	Physical Science	3
MATH 2008	Foundation Of Numbers And Oper	3
Area G - Major Requirements		
Methods/Curriculum Content		
ECEC 3200	Curriculum in Early Childhood Education	3
ECEC 3319	Quantitative Skills for Young Children	3
ECEC 4354	Science for the Young Child	4
ECEC 4400	Social Studies/Diversity/Language Arts	3
ECEC 4420	Preschool Education	3
EDUC 4451	Instruction and Assessment	3
SPED 3231	Contemp Persp Students w/Excep	3
Concentration Areas		
Reading Concentration		
ECEC 3322	Reading through Childrens Literature/Language Arts	3
ECEC 3355	Developmental Reading for Young Children	3
ECEC 4423	Corrective Reading in Early Childhood [4]	3
ECEC 4500	Remedial Reading: A Practicum [4]	3
Mathematics Concentration		
MATH 3000	Numbers and Their Applications	3
MATH 3005	Advanced Topics in Elementary Mathematics	3
MATH 3311	Geometry & Applications	3
Area H: Culminating Clinical Experience		
EDUC 2199	Orientation to Education	0
EDUC 3401	Educ Preparation Practicum I	2
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
	edTPA [5]	0
ECEC 4460	Student Teaching in Kindergarten and Primary Grades	12
or ECEC 4490 & ECEC 4491	Internship in Early Childhood Education I and Internship in Early Childhood Education II	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		124

1. Prerequisite ENGL 1101
2. Prerequisite EDUC 2110
3. Prerequisite EDUC 2120
4. Prerequisite ECEC 3355
5. Find information regarding edTPA here (http://www.edtpa.com).
6. The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Education, Minor

The Minor in Education provides the foundational background and special Georgia requirements required of the Georgia Professional standards Commission for initial licensure in the state of Georgia. The minor DOES NOT lead to a clear renewable T-4 certificate. Candidates seeking the Minor in Education must meet all requirements for Admission to Teacher Education and submit an application for admission with the Department of Teacher Education.

Requirements for Admission to the Minor

Meet all requirements for Admission to Teacher Education:

- Completion of Core with no less than a grade of "C" in ENGL 1101 and ENGL 1102
- Successful completion of EDUC 2110
- Grade point average of 2.50 or better
- Successful completion of the GACE Admission Test
- Successful completion of the GACE Ethic entry Test.

Code	Title	Semester Hours
Foundations of Education		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [2]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
Professional Program		
SPED 3231	Contemp Persp Students w/Excep	3
EDUC 4451	Instruction and Assessment	3
Reading: select one course based on certification level		3
ECEC 3355	Developmental Reading for Young Children	
MGED 4439	Reading in the Middle Grades	
EDUC 4441	The Teaching of Reading in the Secondary School	
Total Semester Hours		18

[1] Prerequisite is ENGL 1101

[2] Prerequisite is EDUC 2110

[3] Prerequisite is EDUC 2120

Middle Grades Education (MGED 4-8), Bachelor of Science

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [2]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
Must take TWO course from MAJOR concentration and ONE from minor concentration		*9*
ISCI 2001	Life/Earth Science	
ISCI 2002	Physical Science	
MATH 2008	Foundation Of Numbers And Oper	
HIST 2111	Survey of American History I	
HIST 2112	Survey of American History II	
HIST 2116	American Military History	
ENGL 2105	Creative Writing	
ENGL 2406	Literary Forms	
ENGL 2204	Advanced Composition	
AREA G: METHODS/CURRICULUM/CONTENT		
EDUC 4451	Instruction and Assessment	3
MGED 3315	Curriculum Needs and Characteristics of the Middle School Child	3
MGED 4439	Reading in the Middle Grades	3
SPED 3231	Contemp Persp Students w/Excep	3
Select Two Concentrations (30 hours total)		30
Science Concentration (15 hours)		
MGED 4434	Science in Middle Grades	
ISCI 3109	Integrated Concept in Biol Sci	
ISCI 3003	Integrated Concepts in Phy Sci	
ISCI 3002	Integrated Earth and Space Sci	
Mathematics Concentration (15 hours)		
MGED 3314	Mathematics in the Middle Grades	
MATH 3000	Numbers and Their Applications	
MATH 3005	Advanced Topics in Elementary Mathematics	
MATH 3112	Discrete Mathematics	
MATH 3311	Geometry & Applications	
Social Studies Concentration (15 hours)		
MGED 4422	Social Studies in the Middle Grades	
GEOG 3101	Principles of Geography	
ECON 4705	Economic History of the U. S.	
or POLS 351	Comparative Government	
HIST 3403	History of Georgia	
POLS 4513	Issues in Global Politics	
Language Arts Concentration (15 hours)		
MGED 4423	Language Arts in the Middle Grades	
MGED 3326	Preadolescent Literature	
ENGL 3204	Rhetoric and Adv Writing	
ENGL 3305	Modern Grammar	
ENGL 3106	Technical Writing [5]	
AREA H: CULMINATING CLINICAL EXPERIENCE		
EDUC 2199	Orientation to Education	0
EDUC 3401	Educ Preparation Practicum I	2
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
	edTPA [4]	
MGED 4461	Student Teaching in Middle Grades	12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		123

[1] Prerequisite is ENGL 1101

[2] Prerequisite is EDUC 2110

[3] Prerequisite is EDUC 2120

[4] Find information regarding edTPA here (http://www.edtpa.com).

[5] Prerequisite is ENGL 2204

[6] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Secondary Education, Bachelor of Science

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [2]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
BIOL 2411K	Human Anatomy and Physiology I	4
BIOL 2412K	Human Anatomy and Physiology II	4
Area G: Physical Education		
PEDH XXXX	1000 to 2000-level PEDH Skill Courses	6
HHUP 2213	Introduction to Health & Human Performance	3
PEDH 3384	Adapted Physical Education and Diversity in Classroom	3
HHUP 3394	Theory & Psychology of Coaching	3
HHUP 3460	Kinesiology	3
HHUP 3470	Physiology of Exercise	3
PEDH 4480	Major Seminar & Practice	1
HHUP 4482	Tests & Measurements in Health & Human Performance	3
Area H: Health		
WELL 1161	Fitness I	2
EDUC 3350	Public School Health	3
HEDP 1166	Drugs and Drug Abuse	2

HEDP 1160	First Aid, CPR & AED Essential	2
HLTH 3660	Current Issues in Health	3
Area I: Education		
ECEC 3352	Health and Physical Education for Young Childeren	3
SPED 3231	Contemp Persp Students w/Excep	3
EDUC 2199	Orientation to Education	0
EDUC 3363	Methods and Materials in Physical Education [1]	3
EDUC 3401	Educ Preparation Practicum I [1]	2
EDUC 3402	Educ Preparation Practicum II [1]	2
EDUC 3403	Educ Preparation Practicum III [1]	2
	edTPA [2]	
EDUC 4412	Student Teaching in Senior High School [1]	12
or EDUC 4481 & EDUC 4482	Internship in Secondary School and Internship in Secondary School	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [3]	2
Total Semester Hours		126

1. Students cannot take PEDH 4480 or 3000 to 4000-level courses in ECEC, EDUC, or SPED until admission to Teacher Education requirements have been met.
2. Find information regarding edTPA here (http://www.edtpa.com).
3. The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Graduation Requirements

- NON-CREDIT COURSE REQUIREMENTS
- PRAXIS I/GACE Basic
- PRAXIS II/GACE Content 115 and 116
- Admission to Teacher Education
- EDUC 2199 Orientation to TE
- Beginning School Experience
- CPC Requirements
- GRADUATION AUDIT

Code	Title	Semester Hours
Core Curriculum for STEM Majors (MATH 1113 required for Area A2 and MATH 1211 required for Area D) (p. 151) [5]		43
Area F: Courses Related to Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [2]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
Area G: Methods/Curriculum/Content		
Education Courses		
SPED 3231	Contemp Persp Students w/Excep	3
EDUC 4405	Methods of Teaching Science in the Secondary School	3
EDUC 4451	Instruction and Assessment	3
Science Courses		
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
BIOL 2411K	Human Anatomy and Physiology I	4
BIOL 3101K	Environmental Biology	4
CHEM 2351K	Quantitative Analysis I	4
ISCI 3002	Integrated Earth and Space Sci	4
Choose ONE from the following:		*4*
BIOL 2211K	Introduction to Microbiology	
BIOL 3300K	General Botany I	
BIOL 3501K	Principles of Genetics	
BIOL 2412K	Human Anatomy and Physiology II	
Choose TWO from the following:		*8*
CHEM 2301K	Organic Chemistry I	
CHEM 2302K	Organic Chemistry II	
CHEM 3250K	Biochemistry I	
CHEM 2352K	Quantitative Analysis II	
Area H: Culminating Clinical Experience		
EDUC 2199	Orientation to Education	0
EDUC 3401	Educ Preparation Practicum I	2
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
	edTPA [4]	
EDUC 4412	Student Teaching in Senior High School	12
or EDUC 4481 & EDUC 4482	Internship in Secondary School and Internship in Secondary School	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		126

1. Prerequisite is ENGL 1101
2. Prerequisite is EDUC 2110
3. Prerequisite is EDUC 2120
4. Find information regarding edTPA here (http://www.edtpa.com).
5. The extra credit hour from MATH 1211 Calculus I will be counted as part of the degree program's electives.
6. The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [1]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
MATH 2008	Foundation Of Numbers And Oper	3
ENGL 2105	Creative Writing	3
or ENGL 2406	Literary Forms	
ENGL 2204	Advanced Composition	3
Area G - Major Requirements		

MGED 3315	Curriculum Needs and Characteristics of the Middle School Child	3
EDUC 4451	Instruction and Assessment	3
SPED 3231	Contemp Persp Students w/Excep	3
SPED 3307	Nat/Char of Stud w/Intel Disab	2
SPED 3312	Curr/Meth/Mat Tchng Adap Curr	2
SPED 3341	Curr/Trans Instr Tch Stu Dis	2
SPED 4401	Lrng Env Behav Mgmt Chd W/Disa	2
Reading Concentration		
ECEC 3322	Reading through Childrens Literature/Language Arts	3
ECEC 3355	Developmental Reading for Young Children	3
ECEC 4423	Corrective Reading in Early Childhood [4]	3
ECEC 4500	Remedial Reading: A Practicum [4]	3
Mathematics Concentration		
MATH 3000	Numbers and Their Applications	3
MATH 3005	Advanced Topics in Elementary Mathematics	3
MATH 3311	Geometry & Applications	3
MGED 3314	Mathematics in the Middle Grades	3
Area H: Culminating Clinical Experience		
EDUC 2199	Orientation to Education	0
EDUC 3401	Educ Preparation Practicum I	2
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
	edTPA [5]	
SPED 4450	Student Teaching in Special Education	12
or SPED 4471 & SPED 4472	Internship in Special Education I and Internship in Special Education II	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		122

1 Prerequisite is ENGL 1101

2 Prerequisite is EDUC 2110

3 Prerequisite is EDUC 2120

4 Prerequisite is ECEC 3355

5 Find information regarding edTPA here (http://www.edtpa.com).

6 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Departments of Business Administration and Accounting, BIS & Marketing

The Accreditation Council for Business Schools and Programs (ACBSP) is a leading specialized accreditation association for business education supporting, celebrating, and rewarding teaching excellence. The association embraces the virtues of teaching excellence and emphasizes to students that it is essential to learn how to learn. ACBSP offers programs, services, and an accreditation process uniquely focused on teaching excellence and student outcomes. And because they believe their success is driven by the success of their members, they align those programs and the accreditation process to meet the individual needs of each member. Albany State University is a "teaching centered" institution whose mission is to educate students to become outstanding contributors to society. The degree programs of ASU's departments of Business Administration and Accounting, BIS & Marketing are accredited by ACBSP as well as by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC).

The following business programs at Albany State University are accredited by the Accreditation Council for Business Schools and Programs:

- Degree information for the Associate of Science in Core Curriculum with a Business Career Tract Transfer Pathway (p. 154)
- Accounting, Bachelor of Science (p. 265)
- Management Information Systems & Technology, Bachelor of Science (p. 265)
- Management, Bachelor of Science (p. 266)
- Marketing, Bachelor of Science (p. 267)
- Supply Chain and Logistics Management, Bachelor of Science (p. 268)
- Technology Management, Bachelor of Applied Science (p. 269)
- Masters of Business Administration (MBA) (p. 44)

Mission and Goals

The mission of the departments of Business Administration and Accounting, BIS & Marketing is to prepare students for business and professional careers by providing a quality, real-world education.

- Student-first learning environment
- Applied and instructional research
- Serving the southwest and central Georgia areas
- Partnering with area business leaders

The primary goals of the departments are to:

- educate students who will demonstrate the following knowledge, skills, and attitudes required for successful business/professional careers
  - competent written and oral communication
  - collaborative and productive team and professional behaviors
  - analytical problem solving
  - technological proficiency
  - global, ethical, and environmental consciousness
  - business acumen
- create a "students first" learning community for traditional, non-traditional, full-and part-time students reflecting:
  - caring and accessible faculty
  - small classrooms
  - flexible delivery methods and offerings including online and technology enhanced
  - experiential teaching and learning
  - faculty advising and mentorship
- recruit and retain an increasingly diverse and academically qualified faculty
- partner with area employers through the COB Advisory Board

Core Values

- Integrity and mutual trust,
- diversity and inclusion,
- continuous improvement,
- collegiality and
- the pursuit of excellence.

Vision

We are the beacons in southwest Georgia for quality business education, preparing citizens for professional business leadership, promoting economic development, and providing relevant research and business expertise to the region and nation.

Honor Societies and Clubs

Professional development is a high priority of the college, and students have multiple opportunities to learn leadership and professionalism, including becoming members and leaders of the following honor societies, clubs, and service organizations:

- Delta Mu Delta
- the Accounting Club
- Enactus
- the Marketing Club
- the Healthcare Administration Club
- the Supply Chain club

Students may also conduct research with faculty and serve the community in service-oriented projects.

- Degree information for the Associate of Science in Core Curriculum with a Business Career Tract Transfer Pathway (p. 154)

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- Accounting, Bachelor of Science (p. 265)

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- Management, Bachelor of Science (p. 266)
- Marketing, Bachelor of Science (p. 267)

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- Supply Chain and Logistics Management, Bachelor of Science (p. 268)

T

- Technology Management, Bachelor of Applied Science (p. 269)

ACCT 2100. Accounting for Non-Business Majors. (3 Credits)
An overview of the basic concepts of accounting for users of accounting information with a proper balance between conceptual understanding and procedural training. The course provides an appropriate mix between financial and managerial accounting, designed for non-business majors.

ACCT 2101. Accounting Principles I. (3 Credits)
A study of the underlying theory and application of financial accounting concepts. Prerequisite: MATH 1001 or higher. Offered: Fall, Spring and Summer.

ACCT 2102. Accounting Principles II. (3 Credits)
A study of the underlying theory and application of managerial accounting concepts. Prerequisite:ACCT 2101. Offered: Fall. Spring. and Summer.

ACCT 3101. Intermediate Accounting I. (3 Credits)
Financial accounting and reporting related to the development of accounting standards, financial statements, cash and recievables. Prerequisite: ACCT 2102 Offered: Fall.

ACCT 3102. Intermediate Accounting II. (3 Credits)
Financial accounting and reporting related to inventory, property, plant and equipment, intangibles, liabilities and stockholders' equity. Prerequisite: ACCT 3101 Offered: Spring.

ACCT 3103. Intermediate Accounting III. (3 Credits)
Financial accounting and reporting related to investments, leases, income taxes, pensions, accounting changes, errors, earnings per share, and financial reporting and analysis. Prerequisite: ACCT 3102 Offered: As needed.

ACCT 4101. Cost Accounting I. (3 Credits)
A study of cost concepts and cost flows, cost behavior and cost estimation, job order costing, process costing including new developments. Prerequisites: ACCT 2102 Offered: Spring.

ACCT 4102. Cost Accounting II. (3 Credits)
A study of budgeting, standard costing, cost-volume-profit analysis, performance evaluation, and variable costing including new developments. Prerequisite: ACCT 4101.

ACCT 4106. Tax Research. (3 Credits)
A course designed to apply the concepts learned in Tax Accounting I and II. Use of library research and case analysis are used to develop a deeper understanding of income tas applications. Prerequisite: ACCT: 4121 Offered: As needed.

ACCT 4107. Accounting Theory. (3 Credits)
The study of the conceptual theory underlying accounting and the development of accounting principles and the development of accounting principles within the conceptual theory. Emphasis placed on asset and equity concepts. Prereuisites: ACCT 3102 Offered: As needed.

ACCT 4108. International Accounting. (3 Credits)
A study of the international dimension of accounting as is relates to multinational corporations and the international environment. Prerequisites: ACCT 3102 Offered: As needed.

ACCT 4111. Auditing I. (3 Credits)
Principles and problems of auditing financial statements with emphasis on GAAS, Rules of Conduct, Code of Ethics, Internal Control and Audit Report. Prerequisites: ACCT 3101 Offered: Spring.

ACCT 4112. Auditing II. (3 Credits)
A detailed study of ausit procedures including audit sampling, tests of controls, and substantive tests,. Prerequsites: ACCT 4111. Offered as needed.

ACCT 4121. Tax Accounting I. (3 Credits)
A study of the income tax law, especially as it is applied to individuals. Includes the concepts of gross income, business and personal deductions, filing status, gains and losses, cost recovery, and tax determination. Prerequisite: ACCT 3101 Offered: Fall.

ACCT 4122. Tax Accounting II. (3 Credits)
A study of of the income tax law regarding the alternative minimum tax, property transactions, corporations, opartnerships, estates and trusts, and the gift and estate tax. Prerequisite: ACCT 4121 Offered as needed.

ACCT 4131. Advanced Accounting I. (3 Credits)
Financial accounting and reporting related to partnerships, branches, segmental and interim reporting. Prerequisite: ACCT 3102 Offered as needed.

ACCT 4141. Municipal Accounting. (3 Credits)
Fund theory, generally accepted accounting principles, and accounting practice and reporting for local and state governments. Prerequisite: ACCT 3101 Offered as needed.

ACCT 4142. Not-for-Profit Accounting. (3 Credits)
Fund theory, generally accepted accounting principles, and accounting practice and reporting for hospitals, colleges and universities, and other not - for - profit entities. Prerequisites: ACCT 3101 Offered: Fall.

ACCT 4205. Accounting Information Systems. (3 Credits)
Principles of accounting systems investigation, design and installation. Procedures for electronic data processing, information retrieval, and application of quantitative tools in systems. Prerequisites: ACCT 3101 Offered: Spring.

BUSA 1100. Financial Planning and Investment Management. (2 Credits)
Provides the foundation for studying and applying personal financial planning techniques for a lifetime. Corequisite: None. Prerequisite: None. Offered: All semesters.

BUSA 1105. Introduction to Business. (3 Credits)
An integrative study of the functional areas of business (finance, operations, marketing, human resources, etc.) Prerequisites: READ 0099, ENGL0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher; MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into co-requisite remediation or higher. Offered: Fall and Spring.

BUSA 1121. Small Business Management. (3 Credits)
This course provides an extensive coverage of topics related to small business management and entrepreneurship. Students will learn managing (operation, human resources, risk, and assets), marketing, financing and evaluation of the financial performance of small businesses. Students will also learn how to prepare a comprehensive business plan. Prerequisites: None. Corequisites:None. Offered: On demand.

BUSA 1145. International Business, Culture and Economics. (2 Credits)
This is an introductory course covering various aspects of the international business environment, including global culture and the economy, different political and legal systems around the world, the international financial system and international business management. Prerequisites: None. Corequisites: None. Offered: Fall.

BUSA 2101. Survey of Computer Applications. (3 Credits)
An introduction to computers and computer applications at a level appropriate for basic academic and professional needs. Offered: Fall and Spring. Pre-requisites: none.

BUSA 2106. The Environment of Business. (3 Credits)
An introduction to the legal and regulatory political, social, ethical, cultural, environmental and technological issues which form the context for business; to include an overview of the impact of demographic diversity on organizations. The emphasis will be on the legal environment. Corequisite: None. Prerequisite: None. Offered: All semesters.

BUSA 2200. Principles of Management. (3 Credits)
A study of applied management techniques and practices emphasizing planning, organizing, decision making, staffing, directing, and controlling as they pertain to solving management problems. Corequisite: None. Prerequisite: None. Offered: Fall, Spring.

BUSA 2215. Principles of Human Resources Management. (3 Credits)
The study of personnel administration as a staff function. It includes discussion of employment standards, procurement and placement, remuneration, training, safety and health, employee services and labor relations. Corequisite: None. Prerequisite: None. Offered: Fall, Spring.

BUSA 2220. Human Relations. (3 Credits)
A study of the patterns of human behavior leading to effective work relationships. The following are discussed: the influence of leadership, the organization itself, peer groups, and the social environment in which the organization exists as related to human motivation. Corequisite: None. Prerequisite: None. Offered: Every other Spring.

BUSA 2234. Logistics and Supply Chain Management. (3 Credits)
This course surveys current practices in logistics management inlcuding purchasing, transportation, warehousing and inventory control. Corequisite: None. Prerequisite: None. Offered: On demand.

BUSA 2235. Inventory Management. (3 Credits)
This course provides a comprehensive study of inventory control and warehousing as key functions within the supply chain. Corequisite: None. Prerequisite: None. Offered: On demand.

BUSA 2236. Transportation and Traffic Management. (3 Credits)
This course explores transportation and traffic management principles and techniques including truck, ship, rail, air and intermodal. Topics include selecting carriers, contracting, government regulations, tariffs, documentation, rate structures, import/export management and interstate/intrastate traffic management. Corequisite: none. Prerequisite: None. Offered: On demand.

BUSA 2237. Cost,Performance&Cust.Serv.Mgm. (3 Credits)
This course deals with managing cost and performance issues along the supply chain as they are vital to ensuring high profitability and customer satisfaction. Corequisite: None. Prerequisiste: None. Offered: On demand.

BUSA 2238. Global Statistics. (3 Credits)
This course develops a framework for and an overview of the theories, commercial dynamics, public policies, laws and the various economic, political and social factors affecting the actual operations and regulation of global trade, transportation and logistics. Corequisite: None. Prerequisite: None. Offered: On demand.

BUSA 2239. Purchasing and Material Management. (3 Credits)
This course includes an overview of quality assurance, quantity determination, price and cost analysis and supplier relations. The policies and procedures of purchasing management are introduced and issues of concern to today's purchasing professional are discussed. Corequisite: None. Prerequisite: None. Offered: On demand.

BUSA 2240. Principles of Marketing. (3 Credits)
Principles and methods involved in moving goods and services from producers to consumers; the marketing environment, channels of distribution, marketing functions, marketing decision-making, and the merchandising/retailing function of marketing including retail organization, merchandise management, customer services and retail control. Corequisite: None. Prerequisite: None. Offered: Fall.

BUSA 2250. Retail Management. (3 Credits)
A study of the factors involved in the management of a retailing enterprise. This includes store design and layout, structure of the retail organization, retail personnel management, buying and pricing of merchandise, customer service, store security, and basic accounting procedures. Corequisite: None. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Every other summer – odd years.

BUSA 2255. Personal Selling. (3 Credits)
Includes principles of selling with practical applications such as careers in sales, sales psychology, sales techniques and customer service. Covers concepts and techniques of making an effective sales presentation from prospecting to follow-up. Corequisite: None. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Every other summer - even years.

BUSA 3100. Business Internship I. (3 Credits)
This course introduces junior or advanced sophomore business students to working environments in their aspiring professional careers with an opportunity to gain valuable insights into actual organizational and managerial practices and operations. Through such experiences students can better correlate their academic experiences with their future professional careers. Offered: Fall, Spring and Summer Prerequisities: None.

BUSA 4000. Internship in Business. (3 Credits)
Provides an opportunity for students to gain practical experiences while working in a business or governmental agency. Internship coordinated by a faculty member and supervised by an approved business supervisor.

BUSA 4100. Business Internship II. (3 Credits)
This course provides the senior business students with supervised professional career-related work experience to acquire valuable skills and managemnet specific knowledge and training in buiness or business-related organizations. Students will be required to submit portfolios of their internships directly related to their future professional careers and make presentations to business professionals for evaluations. Prerequisite: Senior Standing. Offered: Fall and Spring.

BUSA 4105. International Business. (3 Credits)
Contemporary problems, issues, and opportunities in international business from conceptual and practical viewpoints. Extensive use of case studies to develop the students' ability to diagnose and develop solutions to management situations facing the multinational executive. Prerequisite: ECON 2105 Offered: Fall, Spring, and Summer.

BUSA 4200. Project Management. (3 Credits)
This course addresses the main topics of project management such as project scope, project planning, resource planning, budget analysis, risk analysis, and project control. The course also emphasizes project management tools such as Gantt charts, critical path anaylsis, and project management software. Prerequisite: MGMT 3106 Offered: Fall.

FINC 3105. Foundations of Financial Management. (3 Credits)
Techniques of financial analysis, including working capital management, capital budgeting dividend, and capital structure decisions. Prerequisite: ACCT 2102 Offered: Fall, Spring and Summer .

FINC 4105. Investment Analysis. (3 Credits)
The principles and practices of investment in stocks, bonds, and derivatives. Includes the study of investment portfolio management. Prerequisite: FINC 3105 Offered as needed.

LOGM 3220. Supply Chain Management. (3 Credits)
This course explores the concept of logistics from a managerial and global perspective. Participants will study a broad range of logistical areas ranging from supply chain management to transportation and warehousing. Prerequisite: MGMT 3106 Offered: Fall and Spring.

LOGM 3230. Transportation Security and Legal Issues. (3 Credits)
This course explores the concept of Logistics Security from a managerial and a global perspective. Participants will study a broad range of existing Logistics Security strategies in areas such as warehousing, inland distribution, marine and port operations and global freight transportation. Prerequisite: LOGM 3220 Offered: Spring.

LOGM 4210. Transportation Management. (3 Credits)
This course provides a broad overview of transportation systems primarily throughout the U.S. including how they are developed, optimized and managed. Prerequisite: LOGM 3220 Offered: Fall.

LOGM 4220. Introduction to Global Logistics. (3 Credits)
This capstone brings together the role of the supply chain, key strategic drivers of supply chain performance and the techniques of supply chain analysis and operations all within global context. Prerequisite: LOGM 3220 Offered: Spring.

LOGM 4225. Warehouse Management. (3 Credits)
Warehouses are critical components of logistics and supply chain systems. This course focuses on the design and operations of warehouses. Students will learn the main components of a modern warehouse and the different techniques used to operate and manage a warehouse efficiently. Prerequisite: LOGM 3220 Offered: Fall.

LOGM 4230. Logistics Information Systems. (3 Credits)
This course involves the identification, analysis and design of information systems necessary for effective operation and management of logistics systems and emphasizes how to use such systems to gain competitive advantage and to enhance profitability. Prerequisite: LOGM 3220 Offered: Fall.

LOGM 4270. Global Supply Chain Management. (3 Credits)
This course analyzes logistics and supply chain management from a global perspective. It integrates practical and strategic elements that are key components of international logic systems. The concepts covered in the course are illustrated with a good range of international cases. Prerequisite: LOGM 3220 Offered: Spring.

MGMT 3105. Legal Enviroment of Business. (3 Credits)
This course provides an overview of the statutory, case, and regulatory laws that impact the relationship between law and business. The course provides insight into the elements that are critical to analyzing and understanding the relationship between law and business. Offered: Fall and Spring .

MGMT 3106. Management Science and Operations Management. (3 Credits)
This course covers the principles, concepts, modeling, and decision making techniques for business operations management. The typical topics include issues and tasks of operations management, operations strategy, decision making and optimization, total quality management, capacity planning, facility layout, and materials planning. Prerequisite: ECON 3205. Offered: Fall, Spring and Summer.

MGMT 3207. Visual Basic Programming. (3 Credits)
This course emphasizes business applications of structured and object-oriented computer programming using Visual Basic. The course covers Visual Basic syntax and basic programming techniques that enables students to design, code, document, test and debug application programs in business. Prerequisite: BISE 2010.

MGMT 3208. Fundamentals of Web Applications. (3 Credits)
This course covers the fundamentals of web applications development by using modern programming and markup languages such as HTMC, XML, ASP, Java Scripts, and Visual Basic scripts. This course is designed to bring students up to a basic level of familiarity with web applications development and programming concepts. Prerequisite: MGMT 3207.

MGMT 3405. International Business Law. (3 Credits)
This course provides a comprehensive overview of the legal requirements to engage in international business. Special emphaisis is given to the legal consideratins for conducting business in the developing countries, especially in Africa and the Caribbean. Interactive links to international business law Web Sites will be utilized.

MGMT 4030. Quality Management. (3 Credits)
Provides comprehensive coverage of both the theory and implementation of quality management. Course examines the principles and techniques for managing and improving organizational quality with emphases on customer focus, continuous improvement, employee involvement, and process improvement to meet/exceed expectations of multiple stakeholders.

MGMT 4110. Organizational Behavior. (3 Credits)
This course is designed for students to learn individual and group skills required for effective functioning in an organizational context. Topics include global competition, leadership, motivation, diversity, decision making, group dynamics, culture, organizational development, and systems. Prerequisite: MGMT 3105 or MGHC 3120. Offered: Fall, Spring and Summer .

MGMT 4111. Seminar in Organizational Theory and Behavior. (3 Credits)
This is an advanced course in organization design and structure and their impact on individual, group and organization effectiveness. Focus is on the role of authentic leadership in taking action based on the relationships of mission, power, resources, structure, meaning, existence and fulfillment. Prerequisite: MGMT 4110.

MGMT 4125. Human Resource Management. (3 Credits)
Explores the process of forecasting and identifying resources in the labor market, determining staffing needs, developing budgets, and employment plans. Emphasis is on program evaluation and legal considerations, equal employment opportunity, performance appraisal, compensation management, training, and development. Prerequisite: MGMT 3105 or MGHC 3120 Offered: Spring and Summer.

MGMT 4126. Organizational Learning. (3 Credits)
This course focuses on the knowledge and skills needed for the complex issues of tomorrow. Prerequisite: MGMT 4110.

MGMT 4127. Small Business Management. (3 Credits)
This course is about the issues and opportunities involved in starting, operating, and managing a successful small business. Prerequisite: MGMT 4110 and FINC 3105 or MGHC 4410 Offered: Spring and Summer.

MGMT 4128. Contemporary Business Issues. (3 Credits)
A discussion of major issues such as environmental pollution, prohibitive labor cost, loss of competitive ability, shift from manufacturing to service, business ethics, rising costs of Social Security, medical care, etc. Prerequisite: Senior Standing. Offered: Fall .

MGMT 4199. Business Policy. (3 Credits)
A capstone course that integrates knowledge acquired in accounting, economics, finance, operations management, information systems, management, and marketing in the formation of business strategies. Case study method is emphasized. Prerequisite: senior standing, BUSA 4105, ECON 3205, FINC 3105, MGMT 3105 or MGHC 3120, MGMT 3106, MGMT 4110, MKTG 3120 Offered: Fall, Spring and Summer.

MGMT 4205. Management Information Systems. (3 Credits)
An overview course designed to introduce students to the area of information systems. It emphasizes concepts, components and structures of information systems and their applications in business and managerial decision making. Prerequisite: BISE 2010. Offered: Fall, Spring and Summer.

MGMT 4206. Database Management Systems. (3 Credits)
An introductory course to database management and its system implementation techniques. It covers the structure of database management systems, database design, Entity-Relationship modeling, normal forms, relational database theory, the structural query language (SQL), and database system development and management using an industrial leading database system such as ORACLE. Prerequisite: BISE 2010. Offered: Fall and Spring.

MGMT 4207. Systems Analysis and Design. (3 Credits)
This course covers all the major phases of a complete systems development life cycle (SDLC), business modeling techniques such as Entity-Relationship diagramming, data flow diagraming, and the use of Integrated Computer-Aided Software Engineering (I-CASE) tools to support systems development. Prerequisite: MGMT 4205. Offered: Fall and Spring.

MIST 2010. Fundamentals of Computer Applications. (3 Credits)
An introductory hands-on course designed to cover word processing, spreadsheets, database, presentations, e-mail and world wide web. Prerequisites: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation of higher; MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into co-requisite remediation or higher. Offered: Fall, Spring, and Summer.

MIST 2040. Communication for Management. (3 Credits)
Applications of the principles of verbal and nonverbal communication. Management concepts of business ethics and problem analysis are integrated with communication process and theory. Prerequisites: ENGL 1101 or ENGL 1101E and ENGL 1102 Offered: Fall, Spring and Summer.

MIST 3090. Management Information Systems Framework. (3 Credits)
An introduction into understanding the various types of computer based Information Systems, including, but not limited to, Management Information Systems, Decision Support Systems, Office Automation Systems, Expert Systems and Executive Support Systems, as well as an emphasis on how these systems relate to managing organizations for increased efficiency and competitiveness. Prerequisite: BISE 2010. Offered: As needed.I.

MIST 3100. Information Systems Resource Management. (3 Credits)
Management techniques involved in records creation, inventory and analysis of active/inactive records maintenance. The course also provides a broad overview of managing information system resources. The course discusses increased efficiency and competitiveness. Prerequisite: Sophomore Standing Offered: Fall.

MIST 3330. Human-Computer Interaction and Innovation. (3 Credits)
This course is a study of development and implementation processes, tactics, and strategies based upon systems planning results. Special attention is devoted to the development of end-user support systems. Prerequisite: Sophomore Standing Offered: Fall.

MIST 3350. Data Networks and Security Management. (3 Credits)
An introduction to telecommunications in the business environment. Topics include telephone, data codes, protocols, network architecture, local area networks, communication media, hardware and software. Management issues and practical applications are integral parts of the course. Prerequisite: BISE 2010. Offered: Fall.

MIST 4205. Management Information Systems. (3 Credits)
An overview course designed to introduce students to the area of management information systems. It emphasizes concepts, components, and structures of information systems and their applications in business and managerial decision making. Prerequisite: BISE 2010. Offered as needed.

MIST 4206. Database Management Systems. (3 Credits)
An introduction to database management and its system implementation techniques, this course covers the structure of database management systems, database design, Entity-Relationship modeling, normalization, relational database system development and management using an industrial leading database system such as ORACLE. Optional topics may include object-oriented databases, distributed databases, database programming, and advanced database management issues. Prerequisite: BISE 2010. Offered: Fall and Spring. (Cross listed with MGMT 4206.)

MIST 4207. Systems Analysis & Design. (3 Credits)
Covers all major phases of a complete systems development life cycle (SDLC), business modeling techniques such as Entity-Relationship diagramming, data flow diagrams, and the use of Integrated Computer-Aided Software Engineering (I-CASE) tools to support systems development. Optional topics may include forms and report development using rapid applications development (RAD) tools, client/ server development, and web-based systems deployment. Prerequisite: BISE 2010 Offered: Fall and Spring (Cross-listed with MGMT 4207.)

MIST 4220. Special Topics and Research in Information. (3 Credits)
Designed to provide senior students with an opportunity to conduct research projects for publication in journals. Students will investigate new trends in Information Systems business and industry, Information Systems curricula, and Information Systems research. Prerequisite: Junior Standing Offered: Spring.

MIST 4240. Computer Programming in Business. (3 Credits)
This is an introductory course to computer programming using an object-oriented language; top-down design; structured programming; debugging; testing and implementation techniques. Business students will learn how to apply problem-solving skills via computer programming scenarios. Skills learned mau be transferrable to other computer programming courses. Prerequisite: MIST 2010.

MIST 4260. E-Commerce. (3 Credits)
The course investigates the evaluation, implementation, and disadvantages of electronic-commerce systems; and introduces students to the concepts of electronic commerce. Prerequisite: Junior Standing Offered: Spring.

MKTG 3120. Principles of Marketing. (3 Credits)
A course designed to show the characteristics, history, and functions related to marketing. Emphasis is on product definition, promotion, distribution, and pricing. Prerequisites ECON 2106. Offered: Fall, Spring, and Summer.

MKTG 3130. Consumer Behavior. (3 Credits)
Study of the theories of consumer behavior with contribution from social sciences, and the implications on human consumption including decision-making factors which impact consumer purchasing patterns. Prerequisites MKTG 3120 Offered: Spring.

MKTG 3132. Fundamentals of Selling. (3 Credits)
This course covers each aspect of the sales process. Attention is devoted to such sales activities as prospecting planning, product demonstrations, responding to objections, obtaining commitment, and relationship building. Each student is required to develop a sales presentation. Prerequisite: MKTG 3120. Offered: Spring.

MKTG 3134. Markting Research. (3 Credits)
An introduction to methods used in market research, types of research, research design, and application of research results. Includes hands-on application of research methodology. Prerequisite: MKTG 3120 Offered: Fall.

MKTG 3136. Promotion & Advertising. (3 Credits)
A course intended to provide an understanding of promotion and advertising, their functions in our way of life, and their role in business. Prerequisite: MKTG 3120 Offered: Fall.

MKTG 4140. Retail Management. (3 Credits)
An introduction to the structure of retailing and problems associated with the management of retail stores and other channels of distribution. Prerequisite:MGMT 3120 Offered: Fall.

MKTG 4148. Sales Management. (3 Credits)
This course covers each aspect of the sales process. Attention is devoted to such sales activities as prospecting, planning, product demonstrations, responding to objections, obtaining commitment, and relationship building. Each student is required to develop a sales presentation. Prerequisite: MKTG 3130.

MKTG 4150. Professional Development. (3 Credits)
This course is designed to prepare students for the work world for entrepreneurial endeavors and for the success in corporate America. Areas covered include business ethics, professionalism, dining etiquette and business logistics.

MKTG 4170. Marketing Management. (3 Credits)
Management of marketing function, management skills and strategies applicable to management of marketing functions and their interrelationships within the environment of the firm. Prerequisites: MKTG 3120 Offered: Spring.

MKTG 4180. Marketing Information Systems. (3 Credits)
Marketing Information Systems is designed to help students gain an understanding of how and why Internet web sites are developed, how they are used to build an audience and how companies use them to generate sales and profits. Students will also learn the strategies companies use to drive traffic to a site and the role that marketing plays in developing successful websites. Prerequisite: MKTG 3120. Offered: Spring.

Accounting, Bachelor of Science

The accounting program is designed to prepare accountants for the world of work. Students are given the opportunity to gain a wide variety of needed skills. Courses in the program build a rich knowledge of accounting theory and practice on both public and private levels. Students are introduced and taught to use and interact with contemporary technology. Developing critical thinking and communications skills are also emphasized in the program. Additionally, students are encouraged to sit for certification examinations at the completion of the program.

Upon successful completion of the Accounting program, students should be able to demonstrate:

1. Technical competence in the Discipline's functional areas of
   a. Financial Accounting and Reporting
   b. Managerial Cost Accounting
   c. Income Taxation
   d. Accounting Information Systems
   e. Auditing and Assurance Services
2. Familiarity with accounting software and other business software for processing accounting information.
3. Knowledge of ethical problem solving and recognition of issues and practices in the accounting profession including applicable laws.

Accounting Guide Sheet

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151) [1]		42
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105	Introduction to Business [2]	3
or MIST 2040	Communication for Management	
Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3
MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy	3
MKTG 3120	Principles of Marketing	3
Area H: Accounting Majors [3]		
ACCT 3101	Intermediate Accounting I	3
ACCT 3102	Intermediate Accounting II	3
ACCT 4101	Cost Accounting I	3
ACCT 4111	Auditing I	3
ACCT 4121	Tax Accounting I	3
ACCT 4142	Not-for-Profit Accounting	3
ACCT 4205	Accounting Information Systems	3
Select 9 semester hours of FREE electives (grade of C or higher required)		9
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		123

1. Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".
2. Take both if ECON 2105 is taken in Area E.
3. Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.
4. The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Management Information Systems & Technology, Bachelor of Science

The Management Information Systems & Technology (MIST) program integrates information technology, people, and business. The program provides professional preparation for persons who are interested in coordinating, facilitating and expediting functions of the office in business, industrial, and governmental organizations. Focus is on the development of computer operation skills for text processing, human-computer interaction, technical and professional personnel, office environment management, processing of unstructured tasks, and the utilization of small systems. Interpersonal communication

and organizational understanding are important skills that are developed. Career options are available in database administration, telecommunications, data communications, and management of business and office information.

Management Information Systems & Technology Guide Sheet

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151) [1]		42
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105	Introduction to Business [2]	3
or MIST 2040	Communication for Management	
Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3
MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy (Graduating Seniors Only)	3
MKTG 3120	Principles of Marketing	3
Area H: MIST Majors [3]		
MIST 3330	Human-Computer Interaction and Innovation	3
MIST 4206	Database Management Systems	3
MIST 4207	Systems Analysis & Design	3
MIST 4220	Special Topics and Research in Information	3
MIST 4240	Computer Programming in Business	3
MIST 4260	E-Commerce	3
Select 12 semester hours of free electives (grade of C or better is required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		123

1. Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".
2. Take both if ECON 2105 is taken in Area E.
3. Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.
4. The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Management, Bachelor of Science

The mission of the management program is to enable students to develop analytical skills, reflective thinking, logical reasoning, and a sound understanding of the quantitative techniques and computer applications used in decision-making processes. Career options may include industrial and service management, financial analysis, quality control management, and first level supervision in industry, business and government. Many of our students are interested in entrepreneurship and small business management. Students interested in healthcare management should select the Healthcare Management Track (p. 267) tab.

Management Program Guide Sheet

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151) [1]		42
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105	Introduction to Business [2]	3
or MIST 2040	Communication for Management	
Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3
MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy	3
MKTG 3120	Principles of Marketing	3
Area H: Management Majors [3]		
BUSA 4200	Project Management	3
ECON 3145	Money, Banking and Foreign Exchange	3
MGMT 4125	Human Resource Management	3
MGMT 4127	Small Business Management	3
MGMT 4206	Database Management Systems	3
MGMT 4207	Systems Analysis and Design	3
Select 12 credit hours of free electives (grade of C or better required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		123

1 Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

2 Take both if ECON 2105 is taken in Area E.

3 Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

4 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Healthcare Administration is an area of concentration in the Management Program. The concentration includes specialty courses in healthcare and business. The Healthcare Administration concentration is structured as a four-year program to provide specialty training for the entering freshman or transfer student. Healthcare graduates experience an employer-based practicum which prepares them for entry level management and supervisory roles in the healthcare industry. Graduates of the program are prepared for careers in hospital and healthcare administration, healthcare marketing, managed care, health insurance, long-term care, and practice management. Additionally, graduates gain skills in general management, financial management, human resources, regulatory compliance, technology/information management, and quality initiatives.

Healthcare Management Concentration Guide Sheet

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151) [1]		42
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105	Introduction to Business [2]	3
or MIST 2040	Communication for Management	
Area G: Business Majors [3]		
MGHC 2220	Medical Terminology	2
MGHC 3110	Introduction to Health Care Organizations	3
MGHC 3120	Ethical/Legal Issues in Health Care	3
MGHC 3220	Research in Health/Biostatistics	3
MGHC 3310	Chronic Diseases	3
MGHC 3411	Quality Management in Health Care Organizations	3
MGHC 3420	Economics of Health Care	3
MGHC 4211	Health Care Administration Practicum I	4
MGHC 4410	Financial Management	3
MGHC 4421	Insurance for Health Care Professionals	3
Area H: Accounting Majors [3]		
ECON 3205	Economic and Business Statistics	3
MGHC 4035	Health Care Marketing	3
MGMT 4125	Human Resource Management	3
MGMT 4199	Business Policy	3
MGMT 4205	Management Information Systems	3
MKTG 3120	Principles of Marketing	3
Select 12 credit hours of free electives (grade of C or better required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		123

1 Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

2 Take both if ECON 2105 is taken in Area E.

3 Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

4 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Marketing, Bachelor of Science

The Marketing program is designed to provide students with opportunities to acquire the skills, concepts, and knowledge needed to assume responsible positions in marketing. Skills in problem solving, decision making, and applying the principles of economics, psychology, and sociology to consumer behavior are developed for future marketing professionals and marketing leaders. Career options are available in selling, purchasing, advertising, promotion, physical distribution, industrial marketing, customer service, marketing research, consumer service, and many other specialties.

Upon successful completion of the Marketing degree program, student will be able to demonstrate:

1. Technical competence in the discipline's functional areas of:
   - Selling and Sales Management
   - Marketing Research
   - Retailing and Retail Management
   - Marketing Information Systems/E-Commerce
   - Promotion, Advertising and Marketing Communication
   - International/ Global Marketing
   - Consumer Behavior and Integrated Marketing
2. Understanding of marketing strategies, marketing analytic models, techniques and software used in such applications as marketing research, sales management advertising and retailing.
3. Knowledge of ethical problem identification and solution consistent with the evolving needs and values of society and business culture.

Marketing Guide Sheet

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151) [1]		42
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3

MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105	Introduction to Business [2]	3
or MIST 2040	Communication for Management	
Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3
MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy (Graduating Seniors Only)	3
MKTG 3120	Principles of Marketing	3
Area H: Marketing Majors [3]		
MIST 4260	E-Commerce	3
MKTG 3130	Consumer Behavior	3
MKTG 3132	Fundamentals of Selling	3
MKTG 3134	Markting Research	3
MKTG 3136	Promotion & Advertising	3
MKTG 4170	Marketing Management	3
Select 12 semester hours of free electives (grade of C or better is required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		123

1. Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".
2. Take both if ECON 2105 is taken in Area E.
3. Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.
4. The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Supply Chain and Logistics Management, Bachelor of Science

Consistent with the mission of the College of Business, the mission of the Supply Chain and Logistics Management Discipline is to prepare our students for professional careers in the fast growing sector of Supply Chain and Logistics. In addition to the overall college learning goals/objectives, students, upon successful completion of our program, should be able to demonstrate:

1. Technical competence in the Discipline's functional areas of
   - Transportation Management
   - Warehouse Management
   - Inventory Management
   - Supply Chain Information Systems
   - Supply Chain Systems Optimization
2. Familiarity with Enterprise Resource Management, Simulation, Optimization and other business software commonly used in Supply Chains.
3. Develop an Analytical Global view of Supply Chains in favor of the silo thinking that prevails in the sector today.

Supply Chain and Logistics Management Guide Sheet

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151) [1]		42
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105	Introduction to Business [2]	3
or MIST 2040	Communication for Management	
Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3
MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy (Graduating Seniors Only)	3
MKTG 3120	Principles of Marketing	3
Area H: SCLM Majors [3]		
LOGM 3220	Supply Chain Management	3
LOGM 4210	Transportation Management	3
LOGM 4220	Introduction to Global Logistics	3
LOGM 4225	Warehouse Management	3
LOGM 4230	Logistics Information Systems	3
LOGM 4270	Global Supply Chain Management	3
Select 12 credit hours of free electives (grade of C or better required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		123

1. Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

[2] Take both if ECON 2105 is taken in Area E.

[3] Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

[4] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Technology Management, Bachelor of Applied Science

Technology Management

The Bachelor of Applied Science degree in Technology Management is designed to prepare students who have successfully completed the Associate of Applied Science (AAS) degree from SACSCOC accredited technical institutions. The BAS in Technology Management offers all coursework online and is available for location-bound students who cannot take advantage of the traditional in-class instructions to earn a BAS degree in Technology Management. Through a combination of business management and business information systems courses, the BAS curriculum provides a solid grounding in the skills needed to manage human and technology resources in today's global and dynamic business and industry settings. Career opportunities in Technology Management include industrial and service management, technology security specialist, quality control management, business/management information systems specialist, and other related fields.

Albany State University and Albany Technical College are proactive educational collaborators committed to providing greater educational opportunities and services for students transferring between institutions. This commitment strongly supports the concept of seamless transfer that embraces the principle that transfer students should not be required to repeat competencies already achieved.

Graduates of the Associate of Applied Science Degree programs from Albany Technical College can seamlessly carry over concentration areas within the Bachelor of Applied Science in Technology Management degree program at Albany State University. The following are BAS concentrations offered at ASU:

- Accounting
- Business Management Programs
  - General Management
  - Human Resources Management
  - Operations Management
  - Service Sector Management
  - Small Business Management
- Marketing Management Programs
  - Marketing Management
  - Entrepreneurship
  - Retail Management
- Health Information Technology
- Hotel/Tourism/Restaurant Management
- Business Administrative Technology
- Culinary Arts Technology
- Design & Media Production Technology
- Drafting Technology
- Computer Information System Programs
  - PC Maintenance Specialist
  - Computer Support Specialist
  - Internet Specialist- Web Design
  - Network Specialist
- Electronics Programs
  - Biomedical Instrumentation Technology
  - Communications Electronics Technology
  - Industrial Electronics Technology
  - Field Occupation
- Fire Services Administration
- Business Logistics Management

Requirements

1. The student must earn an Associate of Applied Science (AAS degree) in one of the concentrations listed above. Albany Technical College graduates are required to have attained a "C" or better in each course for transfer to Albany State University.
2. Students should receive 15 hours of transfer credit in Areas A-E, and 36-42 additional transfer credit hours toward the BAS degree program. Other transfer credits may be granted on a case-by-case basis if directly equivalent to required ASU courses.
3. The student must complete a minimum of 120 semester hours with a minimum cumulative grade point average of 2.25 in overall program.
4. The student must complete the Major Field Achievement Test (MFAT) as a part of course requirements of MGMT 4199.

Technology Management Guide Sheet

All Technology Management students must complete 42-43 credit hours in the approved core *(see Core Curriculum in Academic Information for complete listing of courses)* and 48 hours in business core requirements.

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151) [1]		42
Area F: Courses required for the program of study [4]		
Minimum grade of "C" required in each course		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II [5]	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics ((if not taken in Area E))	3
ECON 2106	Principles of Microeconomics	3
MIST 2040	Communication for Management [2, 5]	3
or BUSA 1105	Introduction to Business	
Area G: Business Majors [4]		
Minimum grade of "C" required in each course		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business [5]	3
ECON 3205	Economic and Business Statistics [5]	3
FINC 3105	Foundations of Financial Management [5]	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management [5]	3
MGMT 4110	Organizational Behavior [5]	3

MGMT 4205	Management Information Systems [5]	3
MGMT 4199	Business Policy [5]	3
MKTG 3120	Principles of Marketing	3
Area H: Tech Block Concentration Specific Courses [3, 4]		
Select 21 technical credit hours		21
ASU 3000-4000 level electives-choose 9 hours		9
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		123

1 Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

2 Take both if ECON 2105 is taken in Area E.

3 Please see Academic Advisor to receive a copy of this form specific to your concentration.

4 Students must earn a C or better for all courses in Areas F, G, and H. The minimum GPA for graduation is 2.25. No more than 39 semester hours in Technology Management and traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

5 Prerequisite required.

6 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The **Office of Career Services** is responsible for assisting students with opportunities for professional employment and for internships.

Military Science

Department of Military Science Army ROTC Program

Reserve Officer's Training Corps

Albany State University offers courses in Basic and Advanced Military Science. The basic courses, taken during the freshman and sophomore years, are designed to teach principles and techniques of leadership and to develop in each student an understanding of the role of the Army in the defense of the United States.

The purpose of the advanced course, taken during the junior and senior years, is to educate selected students in a balanced course of officer training, both theoretical and practical, which will qualify them to perform the duties of a commissioned officer in the Army of the United States. Upon receiving the Bachelor's degree each student who successfully completes the advanced course will be commissioned as a second lieutenant in one of the career branches in the United States Army.

While participating in the advanced course, each student is paid a monthly stipend for the academic school year, not to exceed 10 months for each of the two years. Additionally, during the summer between the junior and senior years, while the student attends the Advanced ROTC Summer Camp, he/she will receive approximately one-half of a second lieutenant's pay for the five-week period. Optional activities include participating in Ranger Challenge, Drill Team, Color Guard, Pershing Rifles Military Fraternity, planned weekly Field Training Exercises (FTXs), and a host of fund-raising activities throughout the school year.

Two-Year Program

For those students who were unable, or did not elect, to enroll in the basic course and who desire to pursue a commission, the Army has developed a two-year program. The requirements of the basic course can be met by attending a six-week course. Veterans who wish to pursue a commission may enter the advanced program with evidence of satisfactory prior service, appropriate academic standing and approval of the Professor of Military Science. Students with at least two to four years of JROTC desiring to pursue a commission and enter the advanced course, must provide a cadet performance report from their instructor, be academically aligned as a junior and approved by the Professor of Military Science.

Scholarship Program

The Army ROTC Scholarship Program offers financial assistance to outstanding young men and women. Each scholarship pays tuition, books, labs and other associated fees, plus an annual subsistence allowance (paid monthly). All scholarships provide the same benefits unless otherwise noted. Any recipient of a scholarship must fulfill an active duty or reserve duty (Army Reserve, or Army National Guard) service obligation upon completion of required academic ROTC courses. Please see the Professor of Military Science for more details. Army ROTC offers a variety of scholarships. They are:

- Four-year National open to all qualified high school students accepted to any four-year college/university with an ROTC program.
- The four-year scholarship pays full tuition, fees, laboratory fees and provides a book slip for the school year (divided over the 2 semesters). The University also provides a room and board tuition incentive for all four-year ROTC recipients (Four-Year National, Four-Year Green to Gold and Four-Year HBCU winners.)
- Four-year Historically Black College/University (HBCU) open to all qualified high school students who are accepted to any HBCU with an ROTC program.
- Four-year Green to Gold open to Army veterans attending college after a completed enlistment in the Regular Army.

The minimum requirements for these scholarships are: U.S. citizenship, be at least 17 years old by October the year of the award and no older than 30 at graduation (waiver required if Cadet does not commission prior to 31st birthday), high school graduate or equivalent, 920 SAT (1000 effective 1 OCT)/19 ACT, min.2.5 GPA and pass a military physical exam and an Army fitness exam.

- **Three-year Campus Based** open to all full-time students regardless of whether they are currently enrolled in ROTC. Those winners not currently enrolled must agree to compress freshman (MILS 1111, MILS 1121) and sophomore (MILS 2211, MILS 2221) classes or be able to receive placement credit (i.e., JROTC or veterans). The application deadline is 15 April and the winners are announced in May each year. Qualifications-920 SAT or 19 ACT, min. 2.5 GPA, minimum of 30 semester hours, have three full academic years remaining, pass a physical exam and pass the Army Physical Fitness (APFT) with 60 points in each event.
- **Two-year Campus Based** open to all full-time students but compression of classes is not allowed. Non-enrolled winners must be veteran, have taken at least three or four years of JROTC, or agree to attend a six-week basic camp (not Basic Training or Boot Camp) at Fort Knox, Kentucky. Travel to and from camp, free meals, and lodging are provided at no expense to the student. The student also receives approximately $800 for attending the camp. Qualifications min. 2.5 GPA, a minimum of 60 semester hours, have two full academic years

remaining, pass a physical exam, pass the APFT and complete Basic Camp.

- **Two-year On Campus** same as the three-year except compression is not allowed. Non-enrolled winners must either be veterans or agree to attend a six-week basic camp at Fort Knox, Kentucky (travel) to and from camp and free meals and lodging provided, plus approximately $800 stipend). Qualifications min. 2.5 GPA and two years left to complete degree requirements.
- **Two-year Basic Camp** special scholarship offered to basic camp graduates not already scholarship winners. Qualification: minimum 2.5 GPA.
- **Professor of Military Science (PMS) Two-Year Incentive** special scholarship awarded by the PMS to any qualified student.

Departmental Mission

The mission of the ROTC program is to instruct and train the ROTC cadet so that each graduate shall have the qualities and attributes essential to a progressive and continuing career as an officer in one of the branches in the United States Army. Inherent to this mission are the objectives:

1. Mental to provide a collegiate education in a mutually agreed discipline leading to a Bachelor's degree.
2. Moral to develop in the cadet a high sense of duty and the attributes of character, with emphasis on integrity, discipline and motivation essential to the profession of arms.
3. Physical to develop in the cadet those physical attributes essential to a career as an officer in the United States Army.
4. Military to provide a broad military education rather than individual proficiency in the technical duties of junior officers. Such proficiency is of necessity, a gradual development, the responsibility for which evolves in the graduates themselves and upon the commands and schools to which they are assigned after being commissioned.

*Any student who successfully completes military science courses (MILS 1111, MILS 1121, MILS 2211 OR MILS 2221) with a "C" or better can substitute 1 unit of Physical Education toward graduation credit.

Programs in Military Science

- Army ROTC (p. 272)

MILS 1111. Intro to Tactical Leadership. (1 Credit)
Introduces students to the personal challenges and competencies that are critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management related to leadership, officership and the Army profession. The course places special emphasis on developing basic knowledge and understanding of Army leadership dimensions while gaining insight of the ROTC program, its purpose in the Army, and its advantages to the student.

MILS 1121. Intro to Tactical Leadership. (1 Credit)
An introduction to the leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. Students explore dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Continued emphasis is placed on recruitment and retention of studuents. The Cadre uses role modeling to facilitate building stronger relationships among the students through common experience and practical interaction which are critical aspects of the course.

MILS 2211. Innovative Team Leadership. (2 Credits)
Students explore the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team builiding are practiced planning, executing and assessing team exercises and participating in leadership labs. The focus continues to rank structure and duties as well as broadening knowledge of land navigation and squad tactics. Case studies will provide a tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the contemporary operating environment.

MILS 2221. Foundations of Tactical Leadership. (2 Credits)
Students examine the challenges of leading tactical teams in the complex contemporary operating environment (COE). This course highlights dimensions of terrain analysis, patrolling and operation orders. Continued study of the theoretical basis of the Army leadership framework explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self awareness as they assess their own leadership styles and practice communication and team building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real world scenarios.

MILS 2901. Leadership Development. (2 Credits)
MILS 2901 examines the challenges of leading teams in the complex operational environment. The course highlights dimensions of terrain analysis, patrolling, and operational orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. MILS 2901 prepares Cadets for MSL 301. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. Case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios.

MILS 3311. Adaptive Team Leadership. (3 Credits)
Students are challenged to study, practice and evaluate adaptive team leadership skills as they are presented with the demands of the ROTC Leadership Development and Assessment Course (LDAC). Challenging scenarios related to small unit tactical operations are used to develop self awareness and critical thinking skills. Students will receive systematic and specific feedback on their leadership abilities. This course is to integrate the principles and practices of effective leadership, military operations and personal development in order to adequately prepare for the summer Leadership Development Advanced Course (LDAC).

MILS 3321. Leadership in Changing Environments. (3 Credits)
Continues methodology of instructions from MILS 3310. Students continue to be challenged with various leadership roles requiring them to analyze tasks, prepare written and oral operation orders, issue guidance for team members to accomplish tasks, delegate tasks and supervise, classroom subjects continue to develop and reinforce the Army's 16 leadership dimensions, leadership styles, motivation and counseling techniques, and small unit patrolling and defensive operations. This course uses tough realistic scenarios related to small unit tactical operations to evaluating adaptative leadership skills develop, self awareness and critical thinking skills as related to the demands of the ROTC Leader Development Assessment Course (LDAC).

MILS 4411. Developing Adaptive Leaders. (3 Credits)
Develops student proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff and providing performance feedback to subordinates. The cadet is given situational member opportunities to assess risk, make ethical decisions and lead fellow ROTC cadets. The cadet receives lessons on military justice and personnel processes which better prepares to make the transition to becoming an Army Officer. The cadets are provided opportunities to lead cadets at lower levels, both in a classroom and battalion leadership experiences are designed to prepare the cadet for their first unit of assignment. You will identify responsibilities of key staff, coordinte staff roles, and use battalion operation situations to teach, train and develop subordinates.

MILS 4421. Leadership in a Complex World. (3 Credits)
Capstone course for all military science courses. The course is conducted as a seminar and prepares senior cadets for their transition to commission officer. The students will explore the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). You will examine differences in customs and courtesies, military law, principles of war and rules of engagement in the face of international terrorism. You will explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing you for BOLC II and III and your first unit of assignment. It uses case studies, scenarios, and "What Now, Lieutenant?" exercises to prepare you to face the complex ethical and practical demands of leading as a commissioned officer in the United States Army.

MILS 4901. Advanced Leadership Developmen. (3 Credits)
MSL 4901 explores the dynamics of leading in the complex situations of current military operations in the full spectrum operations (FSO). You will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. You also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. This course places significant emphasis on preparing you for BOLC B, and your first unit of assignment. It uses case studies, scenarios, and "What Now, Lieutenant?" exercises to prepare you to face the complex ethnical and practical demands of leading as a commissioned officer in the United States Army.

Army ROTC

Requirements for ROTC

A. **General**
   1. Character - be of good moral character as evidenced by record in home, community and at the institution where enrolled.
   2. Citizenship - be a citizen of the United States as described by AR 145-1.
   3. Age - be at least 17 years of age for enrollment in the advanced course. Male applicants under 18 years of age and female applicants who are under legal age established by their state of legal residence require parental consent. The maximum age is 30 at the time of appointment (waiver able up to 34 for non-scholarship applicants). Scholarship applicants, minimum age is 17 by 1 October of the year of enrollment and the maximum age is 30 on 30 June of the commissioning year (waiver required if 31st is prior to commissioning).
   4. Medical - be physically fit as defined by AR 145-1.

B. **Military Science Curriculum**

Suggested ROTC Course of Study (Same Course of Study for Minor)

Course	Title	Semester Hours
Freshman Year		
Fall		
MILS 1111	Intro to Tactical Leadership	1
	Semester Hours	1
Spring		
MILS 1121	Intro to Tactical Leadership	1
	Semester Hours	1
Sophomore Year		
Fall		
MILS 2211	Innovative Team Leadership	2
	Semester Hours	2
Spring		
MILS 2221	Foundations of Tactical Leadership	2
	Semester Hours	2
Junior Year		
Fall		
MILS 3311	Adaptive Team Leadership	3
	Semester Hours	3
Spring		
MILS 3321	Leadership in Changing Environments	3
	Semester Hours	3
Senior Year		
Fall		
MILS 4411	Developing Adaptive Leaders	3
	Semester Hours	3
Spring		
MILS 4421	Leadership in a Complex World	3
	Semester Hours	3
	Total Semester Hours	18

Freshman courses may be taken in any order. Sophomore courses may be taken in any order but should not be started before MILS 1111 and MILS 1121 have been completed. All courses have a required Leadership Lab which meets once a week for two hours for all enrolled students.

Darton College of Health Professions

At the Darton College of Health Professions at Albany State University, our goal is to enhance the educational attainment of stakeholders in the Southwest Georgia region and beyond through our transformative educational initiatives: Transforming the Educator Preparation Program through Continuous Program Improvement; Transforming Faculty and Staff through Professional Development; Transforming Candidates through Knowledge, Skills, and Dispositions; and Transforming Schools and Communities through Active Engagement. As such, our dedicated and diverse faculty and staff are committed to transformative education in which we endeavor to help each stakeholder realize his or her full potential.

The Darton College of Health Professions comprises the Department of Nursing, the Department of Health Sciences, and the Department

of Health and Human Performance. Below you will find a link to each department and a list of all Bachelor's Degrees, Career Associate Degrees, and Certificate options offered within the Darton College of Health Professions.

The department of Nursing also houses a graduate degree and post-master's certifications. (p. 51)

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- Health Sciences Division (p. 275)
- Nursing (p. 337)

Bachelor's Degrees

- Health and Human Performance, Bachelor of Science (p. 273)
- Health Information Management, Bachelor of Science (p. 306)
- Nursing, Bachelor of Science (p. 348)
- Nursing, RN to BSN, Bachelor of Science (p. 353)

Career Associate Degrees

- Dental Hygiene (p. 292)
- Diagnostic Medical Sonography (p. 296)
- Emergency Medical Services (p. 300)
- Health Information Technology (p. 307)
- Histologic Technician (p. 313)
- Medical Laboratory Technology (p. 318)
- Nursing (p. 341)
- Occupational Therapy Assistant (p. 321)
- Physical Therapist Assistant (p. 327)
- Radiologic Science (p. 331)
- Respiratory Therapy (p. 335)

Associate of Science in Core Curriculum

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Certificates

- Computed Tomography (p. 290)
- Emergency Medical Service (p. 301)
- Emergency Medical Technician (p. 301)
- Histology (p. 310)
- Medical Coding (p. 317)
- Phlebotomy Technician (p. 326)

Health and Human Performance, Bachelor of Science

What is Exercise Science

Few academic programs offer such diverse opportunities for employment and professional development upon graduation as Exercise Science. The Exercise Science curriculum prepares graduates with the knowledge and practical experience necessary for employment as exercise physiologist; strength and conditioning specialists; personal trainers, corporate, community and commercial fitness leaders. This major provides a strong background for those interested in pursuing a master's degree in exercise physiology or related field. The Exercise Science specialization is also an attractive curricular option for those intending to apply to professional programs in medicine and other allied health programs such as physical therapy, occupational therapy, physician's assistant, and cardiac rehabilitation.

Career Outlook

Students interested in applying for admission to a professional school in one of the allied health professions will find the science-based courses (e.g., Human Anatomy, Exercise Physiology, Human Physiology, Kinesiology, Nutrition, etc.) in the Exercise Science major to be of special interest because of their emphasis on the human body. The curriculum culminates with applied courses suchas Test and Measurements and Internships that provides students with "hands on" practicalexperiences.

Student Internship Opportunities

Internship opportunities include, but are not limited to, spending 200 or more hours with mentors in physical therapy, occupational therapy, physician, commercial/corporate/community fitness, athletic training, personal training, and strength and conditioning clinics, and similar settings.

Degree Options

The exercise science concentration at ASU is offered through the Department of Health and Human Performance. Students in the exercise science specialization will earn the Bachelor of Science degree and be prepared for certification through the American College of Sports Medicine (ACSM) as Exercise Physiologist (EP-C), and the National Strength and Conditioning Association (NSCA) as Certified Strength and Conditioning Specialists (CSCS) and Certified Personal Trainers (CPT).

Upon completion of coursework, students perform a full-time 400-600 hour internship at an approved facility, compatible with career and employment goals.

Upon receipt of the baccalaureate degree, graduates are prepared for employment in the aforementioned areas, or for advanced studies in various branches of exercise science or related fields, such as medicine, physical therapy, and athletic training.

Web Sites

- American College of Sports Medicine – https://www.acsm.org
- American Physical Therapy Association – http://www.apta.org
- National Strength and Conditioning Association – https://www.nsca.com
- National Athletic Trainers Association – http://www.nata.org

Code	Title	Semester Hours
Core Curriculum for Non-STEM Majors (Areas A-E) (p. 151)		42
Area F: Courses Related to Major		
BIOL 2411K	Human Anatomy and Physiology I	4
BIOL 2412K	Human Anatomy and Physiology II	4
HHUP 2213	Introduction to Health & Human Performance	3
Advisor approved electives		7
Area G - Major Requirements		
COHP 2110	Nutrition	3
HHUP 2289	Care & Preven of Athl Injuries	3
HHUP 2002	Fitness Assessment & Interpret	3

HHUP 3394	Theory & Psychology of Coaching	3
HHUP 3450	Basic Athletic Training	3
HHUP 3460	Kinesiology	3
HHUP 3470	Physiology of Exercise	3
HHUP 4090	Administration & Supervision of Recreation	3
HHUP 3300	Principles of Strength and Conditioning	3
HHUP 4482	Tests & Measurements in Health & Human Performance	3
Select one of the following courses:		3
HLTH 3320	Global Health	
HLTH 3330	African American Health Issues	
HLTH 3660	Current Issues in Health	
Free Elective Courses - 2000 to 4000-level		15
Free Elective Courses - 3000 to 4000-level		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		123

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

HLTH 3320. Global Health. (3 Credits)
The course will introduce students to the main concepts of the public health field and the critical links between global health and social and economic development. Students will get an overview of the determinants of health, and how wealth status is measured. The course will include the following issues form a global perspective: maternal and child health, communicable and non-communicable diseases, nutrition, and the environment. The course will be global in coverage but with a focus on low- and middle-income countries and on the health of the poor.

HLTH 3330. African American Health Issues. (3 Credits)
This course will explore numerous health issues affecting the African American community. An overview of African American health, a historical background in racial disparities in health care, specific health problems as they relate to African American children, women, men and the elderly will specifically be addressed. Violence, homicide and incarceration and how these social and environmental issues affect the African American community will be discussed in this course.

HLTH 3660. Current Issues in Health. (3 Credits)

HHUP 2000. Directed Study. (1 Credit)
This elective allows students to explore varied content under contracted supervision of a faculty. Specific content can be found in the syllabus of each offering.

HHUP 2002. Fitness Assessment & Interpret. (3 Credits)
This course provides students with practical experience including laboratory and field tests used for assessing physical fitness components as well as principles of exercise prescription. Test results are used in developing individsualized exercise precriptions to improve cardiorespiratory fitness, muscular fitness, bodyweight and body composition, and flexibility. Prerequisite or Corequisite: HHUP 3600.

HHUP 2213. Introduction to Health & Human Performance. (3 Credits)
This is an entry level course in health and human performance related fields. This course provides selected topics in the field of exercise science and other related helath science disciplines, including Exercise science history, anatomy, exercise physiology, exercise epidemiology, exercise nutrition, biomechanics, and exercise and sport psychology. This course is designed to introduce you to the field and prepare you for future classes in the exercise science discipline.

HHUP 2214. Games of Low Organization. (2 Credits)
A study of activities based on the needs, interests and all age groups, emphasizing trust building activities, games, stunts, relays and rhythmic activities for playground, schools, and recreational areas and methods used in their presentation.

HHUP 2272. Fundamentals/Coaching of Football/Soccer. (2 Credits)
Fundamentals of teaching individual and team play, knowledge of offensive plays, most frequently used defenses and coaching strategies. Includes officiating.

HHUP 2276. Fundamentals/Coaching of Basketball/Volleyball. (3 Credits)
Fundamentals of teaching individual and team play, basic offensive patterns against selected defense, basic defense alignments against selected offensive patterns, coaching strategies, principles and procedures of organization and managing meets. Includes officiating.

HHUP 2289. Care & Preven of Athl Injuries. (3 Credits)
A course designed to provide entry level knowledge in the field of sport related injuries. This course includes units dealing with the history of athletic training, basic anatomy of common injuries, evaluation techniques, preventative measures to reduce the incidences of injuries and knowledge of basic treatment procedures to be used after injuries occur. Legal and ethical issues will also be discussed.

HHUP 2319. Fundamentals/Coaching of Baseball/Softball. (2 Credits)
Stress fundamentals of teaching the basic skills in baseball: pitching, catching, batting, base running, infield and outfield plays, offensive and defensive strategy, organization and management. Includes officiating.

HHUP 2377. Fundamentals/Coaching of Track/Field. (3 Credits)
Fundamental procedure in conditioning and training for track and field events; a basic understanding of the individual basic skills for each event; coaching strategies, principles and procedures of organizing and managing meets.

HHUP 3300. Principles of Strength and Conditioning. (3 Credits)
This course is designed for students preparing for the National Strength and Conditioning Association (NSCA) Certified Strength and Conditioning Specialist (CSCS) certification or for students wishing to gain additional practical application of exercise science, strength training, and programming.

HHUP 3394. Theory & Psychology of Coaching. (3 Credits)
Basic theories, principles and psychology of coaching sports and athletics.

HHUP 3450. Basic Athletic Training. (3 Credits)
The didactic aspect of this course is problem-based and includse case-based scenarios focusing on the evaluation process, management and treatment of orthopedic and neuromuscular injuries of the lower and upper extremities. Course content includes the evaluation process of injuries, plan of care, and evidence based medicine. Thereapeutic modalities and rehabilitiation will be emphasized. Prerequisite: HHUP 2289.

HHUP 3452. Advanced Athletic Training. (4 Credits)
This course emphasizes problem-based learning and includes case-based scenarios focusing on the evaluation process, management and treatment of orthopedic and neuromuscular injuries of the axial region. Course content includes the evaluation process of injuries, plan of care, and evidence based medicine. Therapeutic exercise/treatment modalities are emphasized and observation hours required. Prerequisite: HHUP 3450.

HHUP 3460. Kinesiology. (3 Credits)
Concerned with an analysis of human motion and the mechanical principles related to movement. Concentrated attention is given to the muscles which move individual joints. Laboratory demonstrations are conducted. Prerequisite: BIOL 2411K, BIOL 2412K.

HHUP 3470. Physiology of Exercise. (3 Credits)
Study of the effects of physical activities on the human organism and applied physiology. Laboratory demonstrations are concluded. Prequisite: BIOL 1111K, BIOL 2411K, and BIOL 2412K.

HHUP 4002. Exercise for the Special Population. (3 Credits)
This course provides students with a basic understanding of the pathophysiology and exercise responses relative to disease of the cardiovascular, pulmonary, metabolic, neuromuscular, and immunologic systems. The material follows the disease-specific pathology and ACSM treatment guidelines while guiding students through exercise testing and training principles for clients with chronic diseases. Prerequisite: HHUP 3470.

HHUP 4090. Administration & Supervision of Recreation. (3 Credits)
This course is designed to provide a thorough investigation of organization, supervision, and administration policies and practices of governmental, institutional, public and private recreation agencies. Also, provides management and supervisory theories and practices in terms of establishing and maintaining the following: recreational programs, curriculum construction, community relations, physical plant personnel and student relations, and budget planning and policies.

HHUP 4482. Tests & Measurements in Health & Human Performance. (3 Credits)
Basic knowledge of measurment, data anaylsis, and evaluation for conducting the evidence-based practice in exercise/sport science and health related fields. Prerequisite: HHUP 2002, MATH 1113.

Health Sciences Division

Programs in the Health Sciences Division

- Degree information for the Associate of Science in Core Curriculum with a Health Science Transfer Pathway (p. 154)

- #
- A
- B
- C (p. 275)
- D (p. 275)
- E (p. 275)
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- H (p. 275)
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- M (p. 275)
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C

- Computed Tomography Certificate (p. 290)

D

- Dental Hygiene, Career Associate of Science (p. 292)
- Diagnostic Medical Sonography, Career Associate of Science (p. 296)

E

- Emergency Medical Services Program (p. 300)

H

- Health Information Management, Bachelor of Science (p. 306)
- Health Information Technology, Career Associate of Science (p. 307)
- Histologic Technician Certificate (p. 310)
- Histologic Technician, Associate of Applied Science (p. 313)

M

- Medical Coding Certificate (p. 317)
- Medical Laboratory Technology, Career Associate of Science (p. 318)

O

- Occupational Therapy Assistant, Career Associate of Science (p. 321)

P

- Phlebotomy Certificate (p. 326)
- Physical Therapist Assistant, Career Associate of Science (p. 327)

R

- Radiologic Science, Career Associate of Science (p. 331)
- Respiratory Therapy, Career Associate of Science (p. 335)

CTCP 2100. Introduction to Computed Tomography. (2 Credits)
This course serves as an introduction to computed tomography with an emphasis on basic patient care while in a Computed Tomography department, as well as the history of CT and the components of a CT scanner. Additional topics include patient history, vital signs, laboratory values, contrast agents (oral and intravenous), medical ethics, patient confidentiality, as well as research contributors in CT, historical events, scanner generations, characteristics of radiation, detectors and data acquisition system. Corequisite: Graduation from an accredited Radiology, Nurclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nurclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Fall, Spring and Summer.

CTCP 2110. Physical Principles, Instrumentation and Quality Control. (3 Credits)
This course is an overview of the system operation, components and quality control. To be able to understand the different functions and capabilities and identify the components of the CT scanner to provide quality care during a CT examination. Topics include data acquisition, data processing, reconstruction, manipulation, image quaity, console, high voltage generator, filter, detectors, and confolution, interpolation and pitch. Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2120. Sectional Anatomy I (Head, Spine, Chest). (4 Credits)
This is an overview of cross-sectional anatomy that is imaged during a Computed Tomography examination. The course will provide information about normal head, spine and chest anatomy. Students will be able to identify and recall normal anatomical structures on cross-sectional images in order to perform quality care for patients. Topics include the Circle of Willis, gray/white matter, pons, vetebral body, lamina, spinous process, spinal cord, heart (ventricle/atrium), lungs and ribs. Corequisite: Graduation from accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certificate Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2130. Sectional Anatomy II (Abdomen, Pelvis, Neck, Extremity). (4 Credits)
This is an overview of cross-sectional anatomy that is imaged during a Computed Tomography examination. This course will provide basic information about normal neck, abdomen, pelvis and extremities anatomy. Students will be able to identify and recall normal anatomical structures on cross-sectional images in order to perform quality care for patients. Topics include the liver, aorta, spleen, pancreas, kidneys, ureters, pelvic girdle, sma celiac artery, femoral arteries, popliteal arteries and bony structures such as the ribs, femur, humerus, ankle, shoulder. Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2140. Clinical Application I. (4 Credits)
This course introduces students to the clinical setting of a Computed Tomography (CT) department. It allows students to observe and gain knowledge of CT procedures as well as patient care while in the CT department. Introduces the student to the CT scanner, protocols, equipment used, contrast agents, as well as starting to work toward their clinical competencies needed for this course and the American Registry or Radiologic Technologists (ARRT). Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2150. Clinical Application II. (5 Credits)
This course is a continuation of the hands-on training about the CT scanner, protocols, equipment, contrast agents, as well as post-processing that was introduced in the previous clinical course. It allows students to become more proficient as well as gain work experience needed to join the workforce as an entry-level technologist and towards the completion of their clinical competencies needed for this course, as well as the American Registry of Radiologic Technologists (ARRT). Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

DHYG 1101. Orofacial Anatomy. (4 Credits)
A study of the anatomical sciences of the orofacial region to include oral histology and embryology; head and neck anatomy, and dental anatomy. Prerequisite: Admission into Dental Hygiene Program. Corequisites: DHYG 1121, DHYG 1131. Offered: Fall. Credits: 4.00 Credit Hours (4.00 Lecture - 0.00 Lab).

DHYG 1110. Nutrition. (1 Credit)
An overview of the major nutrient classifications, functions, sources and deficiencies. Emphasis on the well-balanced diet for maintenance of health. Prerequisites: CHEM 1151K, DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisities: DHYG 1114, DHYG 1122, DHYG 1132, DHYG 2100. Offered: Spring. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

DHYG 1114. Radiology. (3 Credits)
Basic principles of roentgenographic techniques including exposing, processing, mounting and charting radiographs. Anatomical landmarks for interpretation and safety precautions for the patient and operator. Prerequisites: DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1110, DHYG 1122, DHYG 1132, DHYG 2100. Offered: Spring. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DHYG 1121. Dental Hygiene Lecture I. (3 Credits)
An introduction to fundamental concepts relating to the profession of dentistry, including terminology, history and organization. A study of asepsis, patient assessment, deposits and preventive services. Prerequisites: Admission into the Dental Hygiene program. Corequisites: DHYG 1101, DHYG 1131. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DHYG 1122. Dental Hygiene Lecture II. (2 Credits)
A continued study of patient management and education, and also dental hygiene treatment. Prerequisites: DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1110, DHYG 1114, DHYG 1132, DHYG 2100. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DHYG 1131. Dental Hygiene Clinic I. (2 Credits)
An introduction to specific tasks required for delivery of dental hygiene services; infection control, patient assessment, scaling, and polishing and fluoride application procedures. Students acquire competencies through manikin and peer experiences under continuous supervision by clinical faculty. Prerequisites: Admission into Dental Hygiene program. Corequisites: DHYG 1121, DHYG 1101. Offered: Fall Credits: 2.00 Credit Hours (0.00 Lecture - 6.00 Lab).

DHYG 1132. Dental Hygiene Clinic II. (3 Credits)
A continuation of DHYG 1131 with the addition of sharpening, plaque control instruction, and power scaling instrument. When safe techniques have been mastered, students deliver dental hygiene care to adult and child patients. An introduction to nutritional counseling. Prerequisites: DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1122, DHYG 1114, DHYG 1110, DHYG 2100. Offered: Spring. Credits: 3.00 Credit Hours (0.00 Lecture - 9.00 Lab).

DHYG 1133. Dental Hygiene Clinic III. (2 Credits)
A continuation of DHYG 1132 with the addition of radiographs and dietary counseling. Instruction will also be provided in the manipulation of dental materials and advanced periodontal instrumentation. Students will visit a limited number of dental specialty offices. Prerequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132, DHYG 2100 with grades of C or better. Corequisites: DHYG 2550. Offered: Summer. Credits: 2.00 Credit Hours (0.00 Lecture - 6.00 Lab).

DHYG 2100. Periodontics. (2 Credits)
Principles of periodontology, etiology, and classification of periodontal disease with emphasis on prevention, scope of responsibility of the dental hygienist and treatment planning. Prerequisites: BIOL 2115K, DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DHYG 2150. Pharmacology. (2 Credits)
Drugs, their properties, dosage, method of administration and therapeutic use with attention given to those drugs most commonly used in dentistry. Prerequisites: BIOL 2115K, DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2210, DHYG 2250, DHYG 2310. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DHYG 2210. Dental Hygiene Lecture IV. (1 Credit)
A seminar course with emphasis on special needs patients and advanced periodontal patients. Prerequisites: DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2150, DHYG 2250, DHYG 2310. Offered: Fall. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

DHYG 2220. Dental Hygiene Lecture V. (1 Credit)
A seminar course with emphasis on jurisprudence and office management for the dental hygienist. Prerequisites: DHYG 2150, DHYG 2210, DHYG 2250, DHYG 2310 with grades of C or better. Corequisites: DHYG 2320, DHYG 2400. Offered: Spring. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

DHYG 2250. General and Oral Pathology. (3 Credits)
Basic principles, causes and underlying mechanisms of disease phenomena with special emphasis on the oral cavity. Prerequisites: DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2210, DHYG 2310, DHYG 2150. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DHYG 2310. Dental Hygiene Clinic IV. (4 Credits)
A continuation of DHYG 1133 with the addition of study models, sealants, advanced periodontal patients and oral irrigation. Prerequisites: DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2250, DHYG 2210, DHYG 2150. Offered: Fall. Credits: 4.00 Credit Hours (0.00 Lecture - 12.00 Lab).

DHYG 2320. Dental Hygiene Clinic V. (4 Credits)
A continuation of DHYG 2310. Prerequisites: DHYG 2150, DHYG 2210, DHYG 2250, DHYG 2310 with grades of C or better. Corequisites: DHYG 2220, DHYG 2400. Offered: Spring. Credits: 4.00 Credit Hours (0.00 Lecture - 12.00 Lab).

DHYG 2400. Community Dental Health. (4 Credits)
Principles of public health dentistry, educational concepts and strategies in dental health education. Emphasis on assessment of dental needs, developing and evaluating programs, and epidemiology and research. Prerequisites: DHYG 2150, DHYG 2210, DHYG 2250, DHYG 2310 and COMM 1000 with grades of C or better. Corequisites: DHYG 2220, DHYG 2320. Offered: Spring. Credits: 4.00 Credit Hours (3.00 Lecture - 3.00 Lab).

DHYG 2550. Dental Specialties & Materials. (2 Credits)
Introduction to the specialty areas of dental practice. A study of dental materials used in a general practice office. Prerequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132, DHYG 2100 with grades of C or better. Corequisites: DHYG 1133. Offered: Summer. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DMSP 1100. Physics of Ultrasound. (3 Credits)
This course defines the basic principles of ultrasound physics and introduces the student to their practical use in diagnostic ultrasound. Topics of discussion will include the definition of sound, propagation of sound in tissue, axial and lateral resolution, transducers, sound beams, display modes, and two-dimensional imaging. Prerequisites: Admission to the Diagnostic Medical Sonography program. Corequisite: DMSP 1101. Offered: Fall, first year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 1101. Introduction to Diagnostic Medical Sonography. (2 Credits)
This course is designed to introduce the student to the basic principles of Ultrasound. Professionalism, functions, and desirable attributes of a sonographer will be discussed along with patient care principles and techniques. The course presents the language of sonographers, educational opportunities for the occupation and introduces cross-sectional anatomy. Prerequisites: Admission into the Diagnostic Medical Sonography program. Corequisite: DMSP 1100. Offered: Fall, first year. Credits: 2.00 Credit Hours (1.00 Lecture - 3.00 Lab).

DMSP 1102. Abdomen Ultrasound I. (3 Credits)
This course is designed to introduce the ultrasound student to normal appearing abdominal anatomy, including organs, cavities, structures and vasculature. The sonographic appearance of normal anatomic structures, including anatomic variants and normal Doppler patterns will also be discussed. We will discuss emergent ultrasound procedures and interventional ultrasound procedures. The student develops the skills necessary to perform basic diagnostic ultrasound studies for presentation to the physician and/or radiologist for interpretation. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1105, DMSP 1106, DMSP 1107. Offered: Spring, first year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 1103. Obstetrical Ultrasound I. (3 Credits)
This course presents fetal development from conception through the third trimester. First to third trimester of normal fetal anatomy and sonographic appearance. Laboratory test pertaining to the fetus and mother. Ultrasound protocols for scanning the first to third trimester fetus. Fetal lie in the uterus as viewed by ultrasound as well as normal fetal environment. Prerequisite: Completion of all previous semesters of DMSP courses with a grade of "C" or better. Corequisites: DMSP 1102, DMSP 1104, DMSP 1105. Offered: Spring, first year.

DMSP 1104. Pelvic Ultrasound. (3 Credits)
This course will explore the normal sonographic measurements, appearance and cross sectional anatomy of the non-gravid female and male pelvis. The musculature and surrounding vessels will be discussed along with all normal Doppler findings. It will include all the hormonal changes that effect the reproductive cycle as well as laboratory values associated with normal and abnormal female health. A comprehensive sonographic evaluation of abnormalities pertaining to all female and male pelvic anatomy will be investigated. Prerequisite: A grade of "C" or better in all previous semester's DMSP course work. Corequisites: DMSP 1102, DMSP 1103, DMSP 1105. Offered: Spring, first year.

DMSP 1105. Clinical Observations. (2 Credits)
This course is an initial introduction to the clinical environment. It allows the student to familiarize themselves with the operational process and exam protocols of the ultrasound department at their respected clinical affiliate. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1102, DMSP 1106, DMSP 1107. Offered: Spring, first year. Credits: 2.00 Credit Hours (0.00 Lecture - 16.00 Lab).

DMSP 1106. Obstetrics and Gynecological Ultrasound I. (3 Credits)
This course is designed to provide the student with an introduction to the accurate assessment and performance of obstetric and gynecologic ultrasound. Normal anatomy of the female pelvis and normal fetal development from conception through the third trimester will be discussed. Pathologic conditions of the female pelvis will be discussed along with hormonal changes that affect the reproductive cycle and laboratory values associated with normal and abnormal findings. Sonographic appearances and standard protocols of the female pelvis and normal fetus will be examined along with first trimester complications. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1102, DMSP 1105, DMSP 1107. Offered: Spring, first year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 1107. Physics of Ultrasound II. (3 Credits)
This course is a continuation of DMSP 1100. We will continue to discuss ultrasound physics and its use in the clinical environment. Doppler principles, hemodynamics, ultrasound safety and bio-effects will be discussed along with pulsed echo instrumentation. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1102, 1105 and 1106. Offered: Spring, first year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2111. Abdomen Ultrasound II. (3 Credits)
This course is designed to introduce the ultrasound student to the abnormal sonographic and Doppler patterns of disease processes, pathology and pathophysiology of abdominal organs. Normal and abnormal lab values will also be discussed. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2112, DMSP 2113. Offered: Summer. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 2112. Obstetrics and Gynecological Ultrasound II. (3 Credits)
This course presents fetal abnormalities from the first trimester through the third trimester as well as the role of sonographers in performing interventional/invasive procedures. Multiple gestations, amniotic fluid index, congenital/genetic anomalies, viability, fetal monitoring, maternal factors, fetal therapy and the post-partum mother will also be discussed. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2111, DMSP 2113. Offered: Summer. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2113. Clinical Obersvation and Practicum I. (3 Credits)
This is an expansion of the clinical observations course, DMSP 1105. Students will begin their hands-on experience by entering patient data, recording patient history, selecting the appropriate transducer for the exam, positioning the patient for the exam and practicing the art of scanning. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2111, DMSP 2112. Offered: Summer. Credits: 3.00 Credit Hours (0.00 Lecture - 24.00 Lab).

DMSP 2116. Clinical Observation/Prac II. (2 Credits)
This is an expansion of DMSP 2113 with increasing responsibilities of the student sonographer. This course allows student observation and participation in the clinical setting with hands-on experience with patients and equipment. Prerequisite: DMSP 2113. Corequisites: DMSP 2114, DMSP 2115. Offered: Fall, second year.

DMSP 2117. Ultrasound in Review. (3 Credits)
This is a comprehensive review course for all previous DMSP courses to prepare the student for the ultrasound registry. It will also review any trouble areas a student may be experiencing. Prerequisite: Completion of all previous semester's DMSP courses with a grade of "C" or better. Corequisites: DMSP 2118, DMSP 2120. Offered: Spring, second year.

DMSP 2118. Clin Observations/PracIII. (2 Credits)
An expansion of DMSP 2116; this course allows students to gain confidence in their skills and the knowledge gained throughout the DMS program. Prerequisites: DMSP 2116. Corequisites: DMSP 2112, DMSP 2117. Offered: Spring, second year.

DMSP 2120. Vascular Ultrasound. (3 Credits)
This course is designed to provide the student with a basic introduction to the assesment of flow regarding the vascular system using ultrasound. The student develops the skills necessary to perform basic diagnostic ultrasound studies for presentation to the physician. The student 1) will review the physics of Doppler ultrasounds; 2) becomes familiar with and is able to perform all abdominal Doppler exams, including transplant organs and intraoperative guidance; 3) becomes familiar with other exams such as peripheral vascular studies. Prerequisite: DMSP 2115. Corequisites: DMSP 2117, DMSP 2118. Offered: Spring, second year.

DMSP 2200. Superficial Structures and Pediatric Ultrasound. (3 Credits)
This course is designed to provide the student with an introduction to the assessment of superficial structures, neonatal brain, and pediatric ultrasound. The sonographic appearance of related pathology and their processes will be examined. Normal and abnormal lab values will be discussed as well as normal and abnormal Doppler signals of various organs. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2201, DMSP 2205. Offered: Fall, second year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 2201. Clinical Observation and Practicum II. (3 Credits)
This is an expansion of DMSP 2113 with increasing responsibilities of the student sonographer. This course allows student observation and participation in the clinical setting with hands-on experience with patients and equipment. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2200, DMSP 2205. Offered: Fall, second year. Credits: 3.00 Credit Hours (0.00 Lecture - 24.00 Lab).

DMSP 2202. Introduction to Vascular Ultrasound. (3 Credits)
This course is designed to provide the student with a basic introduction to the assessment of the vascular system. The student develops the skills necessary to perform basic diagnostic ultrasound studies for presentation to the physician. The student will review the physics of Doppler ultrasound, become familiar with and perform all abdominal Doppler exams, including, but not limited to, transplant organs and intraoperative guidance, and become familiar with peripheral vascular studies. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2203, DMSP 2204. Offered: Spring, second year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 2203. Ultrasound in Review. (3 Credits)
This is a comprehensive review course to prepare the student for taking the ultrasound examinations appropriate for the general learning concentration through the American Registry for Diagnostic Medical Sonography (ARDMS). The course will also prepare students and provide guidance for obtaining employment in the field of Diagnostic Medical Sonography. Prerequisite: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2202, DMSP 2204. Offered: Spring, second year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2204. Clinical Observations and Practicum III. (3 Credits)
This is a comprehensive review course to prepare the student for taking the ultrasound examinations appropriate for the general learning concentration through the American Registry for Diagnostic Medical Sonography (ARDMS). The course will also prepare students and provide guidance for obtaining employment in the field of Diagnostic Medical Sonography. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2202, DMSP 2204. Offered: Spring, second year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2205. Physics in Review. (1 Credit)
This course is a comprehensive review course designed to prepare the student for the Sonographic Principles and Instrumentation (SPI) exam offered through the American Registry of Diagnostic Medical Sonographers (ARDMS). Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2200, 2201. Offered: Fall, second year. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

EMTP 1000. EMT Basics. (6 Credits)
This course is the initial course for the certificaion of the emergency medical technician-basic level as defined by the U.S. Department of Transportation EMT-Basic National Standard curriculum. Along with successful completion of EMTP 1025, the student will be able to take the national Registry of EMT's certifying exam for the EMT-B level, which is the minimum level required to be employed with an ambulance service in the State of Georgia. Topics include: Introduction to Emergency Medical Care, the human body, airway evaluation and management, patient assessment, medical emergencies, pediatric and geriatric emergencies, ambulance operations, and CPR. This course also requires hospital emergency center and ambulance clinical rotations. Prerequisites: None. Corequisite: EMTP 1025. Offered: On demand.

EMTP 1021. Intro/Emergency Med Services. (6 Credits)
This course introduces the student to the emergency Medical Technician profession. This course covers information found in the U.S. Department of Transpotation Basic and Intermediate/85 curricula. Topics include: introduction to emergency care, EMS systems, well-being of the EMT, medical-legal aspects of emergency care, roles and responsibilities, medical terminology, blood and airborne pathogens, infectious diseases, ambulance and emergencyvehicle operations, the human body, patient assessment, communications and documentation, lifting and moving patients, gaining access, airway assessment and management, basic life support (CPR) and automatic external defibrillation. Corequisite: None. Prerequisite: None. Offered: Fall, Summer.

EMTP 1102. Trauma for the Paramedic. (3 Credits)
This course includes and expands upon the material from the Trauma Module of the National EMS Education Standards. The course contains units on trauma systems, mechanism of injury, soft tissue trauma, head and facial injuries, spinal trauma, thoracic and abdominal injuries, and musculoskeletal trauma. Also included are units on hypothermia, hyperthermia, drowning, diving emergencies, and high altitude illness from the environmental emergencies section of the Trauma Module. Patient assessment and management in an organized, timely fashion using the ITLS approach to trauma care is emphasized. Students must successfully complete the ITLS class at the end of the course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

EMTP 1104. Medical Emergencies for the Paramedic. (5 Credits)
This course includes material covered in the current National EMS Education Standard Medical Module as well as the material on patients with Special Challenges and Acute Interventions for Chronic Care from the Special Considerations Module. Other units covered are: anatomy and physiology of the nervous system, neurologic emergencies, endocrine emergencies, anaphylaxis, immune disorders, GI and GU emergencies, dialysis emergencies, toxicology including poisoning, substance abuse, and envenomation, alcoholism, infectious disease and hematologic emergencies. A four hour weekly supervised lab is included. Students must complete specified psychomotor skills and perform as a team leader and team member in formative and summative prehospital scenarios. Students must complete the Advanced Stroke Life Support Course during the class. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 5.00 Credit Hours (4.00 Lecture - 4.00 Lab).

EMTP 1108. IntrmAmbulance Op & Med Emerg. (4 Credits)
This course includes the material from the Medical Emergencies and EMS Operations section of the current National EMS Education Standard. It includes units on respiratory, cardiac, diabetic, allergic, poisoning and overdoses, neurological, abdominal, and environmental emergencies in the adult patient as well as the geriatric patient. In addition, EMTP 1108 includes basic information on ambulance operations. Students will practice safe vehicle operations, stretcher safety, patient movement, intermediate level patient assessment and management. Actual field application and clinical decision making will be required.Prerequisites: Limited to Fast-Track Paramedic students admitted to EMS Program. Corequisite: None. Offered: Fall.

EMTP 1109. Paramedic Practicum I. (2 Credits)
This course is the first of three practicums designed to provide the student with the opportunity to perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (0.00 Lecture - 9.00 Lab).

EMTP 1111. Essentials of EMS. (2 Credits)
This course includes material from the Preparatory and Assessment Modules of the current National EMS Education Standard. It is designed to provide the student with comprehensive knowledge patient assessment techniques. Topics covered in this course are: Therapeutic communications, history taking, and a body systems approach to the physical exam. Other topics included are: IV therapy, individual health risk assessment, and unique aspects of pediatric, geriatric, and psychiatric evaluation are discussed. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (1.00 Lecture - 3.00 Lab).

EMTP 1112. Psychiatric Emergencies. (2 Credits)
This course includes materials from the Medical Module of the current National EMS Education standard. Topics include mental health and illness, psychiatric terminology and medications, mental status examination, suicide and homicide assessment, substance abuse assessment, domestic violence, spouse and child abuse, rape, death and dying, interview techniques and effective listening and communication skills. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1113. Pharmacology. (4 Credits)
This course includes and expands upon the material from the Pharmacology and Venous Access and Medication Administration Sections of the National Emergency Medical Services Education Standards. It includes basic units on drug information, drug actions, weights and measures, and medication administration. It also includes advanced units on systemic pharmacology and therapeutics of drugs affecting the central and autonomic nervous systems, cardiovascular system, respiratory system, hematologic system, renal system, endocrine system, gastrointestinal system, and immune system. It concludes with a unit on the paramedic drug box contents, maintenance, and administration. This course includes a four hour weekly supervised lab. Students must complete specified psychomotor skills and perform as a team leader and team member in formative scenarios. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 4.00 Credit Hours (3.00 Lecture - 4.00 Lab).

EMTP 1115. OB/GYN/Neonatal Emrg/Paramedic. (2 Credits)
This course includes material from the Medical and Special Considerations Modules of the current National EMS Education Standards. It includes the following topics: anatomy and physiology of the female reproductive system, abdominal pain, vaginal bleeding, rape, physiology of pregnancy, fetology, normal and abnormal labor and delivery, and post-partum complications. The ITLS approach to trauma in pregnancy is emphasized. In addition, determination of the APGAR scoring and care of the high-risk neonate are included. A unit on resuscitation of the neonate concludes this course. Prerequisite: None. Corequisite: None. Offered: Summer.

EMTP 1117. Respiratory for the Paramedic. (2 Credits)
This course includes and expands on the material from the Airway Management, Respiration and Artificial Ventilation section and the Respiratory section of the Medicine Modules of the National Emergency Medical Services Education Standards The following units are covered: anatomy and physiology of the respiratory system, acid-base and arterial blood gases, respiratory assessment, pulse oximetry, waveform capnography, oxygen therapy, basic airway management techniques, positive pressure ventilation, advanced airway techniques, endotracheal intubation, pathophysiology, assessment, and management of patients with acute and chronic respiratory problems. A unit on anesthesia essentials and rapid sequence intubation concludes the course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1118. Pediatric Emrg Paramedic. (2 Credits)
This course includes material from the Special Considerations Modules of the current National EMS Education Standards. The following topics are included; pediatric assessment, developmental stages, family assessment and management, respiratory emergencies, child safety, trauma, dehydration, shock, infant and child BLS and ACLS, neurologic emergencies, SIDS, child abuse, and care of children with special needs. After the pediatric emergencies labs and clinical practicum, have been completed, students must successfully complete the emergency Pediatric Care Course for Advanced Providers. Prerequisite: None. Corequisite: None. Offered: Fall and Summer.

EMTP 1119. Ped. Emerg. Clinical Practicum. (1 Credit)
In this course students will perform patient assessment and management techniques on infants and children in the hospital setting. Students will assess developmental stages, communicate with patients and family members, and treat pediatric patients with respiratory infections, gastroenteritis, sickle cell crises and a variety of medical and traumatic emergencies. Lab sessions will include pediatric oxygen therapy and airway adjuncts, management of pediatric shock including IV and intraosseous therapy, child and infant BLS and ACLS, pediatric ITLS, and miscellaneous medical emergencies scenarios. After the pediatric emergencies labs and clinical practicum have been completed, students must successfully complete the Emergency Pediatric Care Course.Prerequisite: None. Corequisite: None. Offered: Spring and Fall.

EMTP 1120. Paramedic Practicum II. (2 Credits)
This course is the second of three practicums designed to provide the student with the opportunity to perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 2.00 Credit Hours (0.00 Lecture - 9.00 Lab).

EMTP 1125. Summative Evaluation for the Paramedic. (2 Credits)
This course includes material from all areas of the paramedic program. It is designed to provide a comprehensive overview and evaluation of the students Cognitive, Affective, and Psychomotor preparation for both the National Registry Examination and entry into the EMS profession. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Summer. Credits: 2.00 Credit Hours (1.00 Lecture - 4.00 Lab).

EMTP 1126. Cardiovascular Emergencies for the Paramedic I. (2 Credits)
This course includes material from the cardiovascular portion of the Medical Module of the National EMS education Standards. Topics include units in anatomy and physiology of the cardiovascular system, basic cardiac arrhythmia interpretation, pacemaker rhythms, and introduction to current field monitor/defibrillator units. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1127. Cardiovascular Emergencies for the Paramedic II. (3 Credits)
This course includes the remaining material from the cardiovascular portion of the medicine module of the National EMS Education Standards. Topics include anatomy and physiology of the cardiovascular system, cardiovascular assessment, atherosclerosis, coronary artery disease, risk factor identification and reduction, acute coronary syndrome, heart failure, sudden arrhythmic death, hypertensive emergencies, cardiogenic shock, abdominal aortic aneurysm, arterial occlusion, venous thrombosis, aortic dissection, thromboembolism, infectious disease of the heart and congenital heart defects. Units on artificial pacemakers, defibrillation, cardioversion, 12- lead EKGs, circulatory adjuncts, and ACLS algorithms are also included. At the conclusion of the course, students must successfully complete the American Heart Association's Advance Cardiac Life Support Course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

EMTP 1132. Pathophysiology for the Paramedic. (2 Credits)
This course includes the material from the Pathophysiology section of the National EMS Education Standards. It includes units on basic cellular functions, adaptation to disease and injury. Units on fluid and electrolytes, abnormal fluids states, electrolyte imbalance and acid-base imbalance are included. Additional units on the genetic and familial basis of disease, hypo perfusion, the immune response, inflammation and variances in immunity and inflammation are included. A unit on stress and its role in disease concludes the course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1133. Paramedic Practicum III. (2 Credits)
This course is the third of three practicums designed to provide the student with the opportunity to perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Students must successfully complete the pediatric ITLS course. Students will complete all clinical hours on a 911 ambulance under the supervision of a certified preceptor. Students must successfully complete 30 team lead calls, with no more than 10 calls at the BLS(basic life support) level and no less than 20 calls that require ALS (advanced life support) assessment and treatment. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Summer. Credits: 2.00 Credit Hours (0.00 Lecture - 9.00 Lab).

EMTP 1134. Special Populations. (3 Credits)
This course includes material from the Medical and Special Considerations Modules of the current National EMS Education Standard. It includes the following topics: anatomy and physiology of the female reproductive system, abdominal pain, vaginal bleeding, rape, and physiology of pregnancy, fetology, normal and abnormal labor and delivery, and post-partum complications. The ITLS approach to trauma in pregnancy is emphasized. In addition, determination of the APGAR scoring and care of the high- risk neonates is included. Pediatric assessment, developmental stages, family assessment and management, respiratory emergencies, child safety, trauma, dehydration, shock, infant and child BLS and ALS, neurologic emergencies, SIDS, child abuse, and care of children with special needs. Students must complete the Emergency Pediatric Care (EPC) course as well as the geriatric education for EMS (GEMS) course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

HITE 2100. Health Record Content and Structure. (3 Credits)
The basic concepts and techniques for managing and maintaining health record systems including storage and retrieval, the use and structure of healthcare data and data sets, quantitative and qualitative analysis of healthcare data, forms design, release of information, function of indexes and registers and the accreditation, certification and licensure standards applicable to healthcare data. Prerequisite: ENGL 1101, BIOL 2411K/2412K and acceptance into the Health Information Technology program. Offered: Fall.

HITE 2110. Organization and Supervision in Health Information Management. (2 Credits)
Introduction to the principles of organization and supervision in order to develop effective skills in leadership, motivation, and team building techniques in the practice of health information management. Prerequisites: HITE 2100. Offered: Summer.

HITE 2137. Fundamentals of Health Information Management. (3 Credits)
This course introduces the student to the field of Health Information Management (HIM) and its role in healthcare delivery systems. Emphasis is placed on the health information management profession, hospital and medical staff organization, structure and content of medical records, quantitative and qualitative analysis, release of patient information, legal aspects of medical records, ethical issues in HIM, healthcare statistics, indexes and registers electronic medical records, payment and reimbursement systems, regulatory and accrediting agencies. Prerequisites: Acceptance into the Health Information Technology Program. Corequisites: HITE 2100, HITE 2400. Offered: Fall.

HITE 2150. Coding I. (4 Credits)
Students will be introduced to the principles of ICD-10-CM coding used in the assignment of inpatient and outpatient diagnosis codes and inpatient procedure codes. Prerequisites: ALHE 1120, BIOL 2411K/2412K, HITE 2100, HITE 2137, HITE 2400. Offered: Spring.

HITE 2160. Coding II. (2 Credits)
Students will be introduced to the Principles of CPT coding, used to assign valid procedure and service codes. Prerequisite: HITE 2150. Offered: Summer.

HITE 2170. Advanced Coding and Reimbursement. (4 Credits)
This course integrates and builds on basic knowledge and skills acquired in HITE 2150 and HITE 2160, enhancing skill level through use of clinical case studies. Impact on reimbursement, ethical coding, encoders, and groupers will be emphasized. Reimbursement topics include DRGs, APCs, RBRVs, chargemaster, and coding compliance. Students will have live access to QuadraMed encoder. Prerequisites: HITE 2150, HITE 2160. Offered: Fall.

HITE 2200. Healthcare Statistics. (2 Credits)
Study of the methods/formulas used in computing and preparing statistical reports for healthcare services and vital records. Emphasis is placed on the effective use, collection, arrangement, presentation, and verification of healthcare data, and on the concepts of descriptive statistics, data validity, and reliability. Prerequisites: MATH 1111, HITE 2100, HITE 2137, BUSA 2101. Offered: Summer.

HITE 2250. Legal & Ethical Issues in Health Information Technology. (3 Credits)
Introduction to the legal and ethical issues regarding health information management with strong emphasis on legal and regulatory requirements; disclosure of PHI (protected health information) and ethical standards of practice. Prerequisites: HITE 2100, HITE 2400. Corequisite: HITE 2137. Offered: Spring.

HITE 2400. Pathophysiology and Pharmacology. (3 Credits)
The study of the nature and cause of disease including the etiology, signs, symptoms, diagnostic evaluation, clinical treatment and pharmacology management of disease processes. Prerequisites: BIOL 2411K/BIOL 2412K and acceptance into the Health Information Technology Program. Corequisite: HITE 2100. Offered: Fall.

HITE 2500. Health Information System Applications. (3 Credits)
Students will learn the concept of medical information management through an information system composed of people, hardware, software, communication networks, and data resources that collect, transform, and disseminate health information to healthcare users. The process of planning, designing, selecting, implementing, integrating, testing, evaluating, and supporting EHRs (electronic health records) is also introduced. Prerequisites: HITE 2100, HITE 2137 and BUSA 2101. Offered: Fall.

HITE 2550. Quality Assessment. (3 Credits)
Introduction to the components of quality assessment and improvement programs in health care facilities including quality assessment, utilization management, risk management, and peer review organizations. Students will learn to analyze clinical data to identify trends that demonstrate quality, safety, and effectiveness of health care. Prerequisites: HITE 2200 and BUSA 2101. Offered: Spring.

HITE 2600. Professional Practice I. (2 Credits)
Professional practice experience in an acute care setting that provides the student the opportunity to apply and develop the skills learned throughout the course curriculum that are vital in the management of health information. Corequisites: HITE 2610, HITE 2650. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250, HITE 2500. Offered: Summer.

HITE 2610. Professional Practice II. (2 Credits)
This course is a continuation of HITE 2600, providing additional professional practice experience as the student applies skills learned throughout the course curriculum. Students will have the opportunity to experience the workflow of the acute care setting from beginning to end. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250. Corequisites: HITE 2600, HITE 2650. Offered: Fall.

HITE 2650. Seminar on Health Information Technology. (1 Credit)
Exploration of current issues and trends in the health information profession and industry with emphasis on review for RHIT exam. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250, HITE 2400, HITE 2500, HITE 2550, HITE 2600. Corequisites: HITE 2600, HITE 2160. Offered: Fall.

MLTS 1160L. Medical Laboratory Technology I Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform laboratory analysis of blood and body fluids. Prerequisite: Admission into the MLTS program or permission of the instructor. Corequisite: MLTS 1160W. Offered: Fall; online and traditional options.

MLTS 1160W. Medical Laboratory Technology I. (3 Credits)
An in-depth study of the sciences of hematology and body fluids analysis. It deals with the morphology of blood and blood-forming tissues, the principles of blood sample collections, and the composition and function of multiple body fluids. Physiology and pathology are emphasized. Prerequisite: Admission into the MLT program or permission of the instructor. Corequisite: MLTS 1160L. Offered: Fall, online & traditional options.

MLTS 1161L. Medical Laboratory Technology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform blood banking procedures and to maintain procedures for the efficient operation of a blood bank. Corequisite: MLTS 1161W. Offered: Spring; online and traditional options.

MLTS 1161W. Medical Laboratory Technology II. (3 Credits)
This course provides an introduction to the principles of immunology and provides the student with a concise and thorough guide to transfusion practices and immunohematology. Corequisite: MLTS 1161L. Offered: Spring; online and traditional options.

MLTS 1182. Parasitology, Mycology, and Virology. (3 Credits)
A course in clinical parasitology, mycology, and virology covers human fungal, parasitic and viral infections. The course presents mechanisms of infection, life cycles, and infectious states of the organisms as well as disease progression within the host and the practical application of laboratory procedures for detection and identification. Also included is safety, specimen collection, preservation, transport, methods of identification and therapy. Prerequisites: BIOL 2211K, admission into the MLT program or permission of the program director. Offered: Summer; online and traditional options.

MLTS 1300. Introduction to Histology. (3 Credits)
This course emphasizes the introductory study of basic histology. Structure and identification of tissue systems and organs is emphasized at the cellular level. The laboratory component is structured to enhance the student's knowledge of certain histological preparations of human and veterinary tissue. Identification of images is achieved through virtual microscopy. Prerequisite: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1310L. Histology I Lab. (1 Credit)
The course is a laboratory component complementary to MLTS 1310W. It is utilized to develop entry level skills required to perform non-staining histological procedures. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310W. Offered: Fall, Spring.

MLTS 1310W. Histology I. (3 Credits)
This course emphasizes some of the competencies required to perform routine histological procedures. These would include tissue fixation, principles and application of microtomy, embedding techniques, laboratory operations, decalcification, solution preparation, and processing. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310L. Offered: Fall, Spring.

MLTS 1320L. Histology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills required to perform routine and special stains. Students will identify and provide clinical correlation of routine and special stains. Prerequisites: Admission into the Histologic Technician program. Corequisite: MLTS 1320W. Offered: Fall, Spring.

MLTS 1320W. Histology II. (2 Credits)
This course emphasizes the fundamentals and clinical significance of routine and special histological staining procedures. The student will differentiate between different classes of special stains performed in a histology laboratory. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1320L. Offered: Fall and Spring.

MLTS 1330. Histology III. (1 Credit)
Students practice histotechnology procedures in a supervised histology lab setting. The laboratory component of the course is utilized to develop skills and competencies required to perform routine and special histology procedures. Prerequisites: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1340. Clinical Histology Externship. (5 Credits)
This course is the practicum designed to enhance and refine techniques taught in the first semester. Students are required to complete at least 300 clinical hours in an approved affiliate histology laboratory. Orientation to department and institutional policies and procedures is required. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Fall.

MLTS 1350. Histology V. (2 Credits)
A study of immunohistochemistry procedures and interpretations. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 1360. Histology VI. (1 Credit)
Various professional topics are presented for discussion including board exam reviews, professionalism, laboratory information systems, and management principles. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 2010L. Medical Laboratory Technology III Lab. (2 Credits)
The laboratory component of the course develops the skills and competencies required to perform the diagnostic procedures in clinical microbiology. Prerequisite: BIOL 2211K. Corequisite: MLTS 2010W. Offered: Spring; online and traditional options.

MLTS 2010W. Medical Laboratory Technology III. (2 Credits)
This course presents a study of human clinical bacteriology including general bacteriology, aerobic gram-positive cocci, gram-negative bacilli, gram-negative cocci, gram-positive bacilli and anaerobes. Discussion is centered on the cultivation, methods of identification, antimicrobial susceptibility testing, serological diagnosis and correlation to disease states. Prerequisites: BIOL 2211K, admission into the MLT Program or permission of the program director. Corequisite: MLTS 2010L. Offered: Spring; online and traditional options.

MLTS 2020L. Medical Lab Technology IV Lab. (1 Credit)
The laboratory component is used to develop the skills and competencies required to operate and standardize the instruments utilized in the performance of chemical tests. The use of quality control is emphasized. Corequisite: MLTS 2020W. Offered: Summer; online and traditional options.

MLTS 2020W. Medical Laboratory Technology IV. (3 Credits)
An in-depth study of analytical techniques utilized to measure the biochemical entities of blood and various body fluids. The correlation of test results to human physiology and pathology is emphasized. Prerequisite: CHEM 1212K. Corequisite: MLTS 2020L. Offered: Summer; online and traditional options.

MLTS 2630. Medical Laboratory Technology Externship. (15 Credits)
Students are introduced to the clinical laboratory in an affiliate clinical laboratory setting. The students receive an orientation to each department and an introduction to hospital policies and procedures. Each student rotates through appropriate departments and is allowed to demonstrate and develop their skills and competencies in blood bank, hematology, microbiology, chemistry, phlebotomy and body fluid analysis under the supervision of the laboratory staff instructor. Prerequisites: MLTS 1160, MLTS 1161, MLTS 1182, MLTS 2010, MLTS 2020. Corequisite: MLTS 2670. Offered: Fall.

MLTS 2670. Seminars in Medical Laboratory Science. (1 Credit)
Seminar presentations on various topics related to medical laboratory science (topic reviews for board exams, professionalism, laboratory information systems, case presentations and/or other). Corequisite: MLTS 2630. Offered: Fall; online option only.

OTAS 1100. Introduction to Occupational Therapy. (2 Credits)
The following concepts will be presented: Functional definitions of occupational therapy; the history of occupational therapy, philosophy, and ethics; the roles of occupational therapy professionals; and differentiation of occupational therapist and occupational therapy assistant responsibilities, the reimbursement for O.T. services and professional credentialing. An overview of the particular patient populations which an occupational therapy assistant might interact with is given. Specific types of treatment settings are explored in detail, with the scope of OTA practice examined, including the research data gathering role. Awareness of local and national occupational therapy organizations is emphasized. Demonstrated professional behaviors are encouraged. Corequisites: ALHE 1104, ALHE 1120, OTAS 1105, OTAS 1111. Prerequisite: Admission into the OTA program. Offered: Fall.

OTAS 1105. Patient Skills for the OTA. (2 Credits)
Introduction to concepts and procedures of patient care in occupational therapy. Topics include patient positioning and draping, body mechanics, patient transfers, vital signs monitoring, infection control, aseptic techniques, therapeutic exercise, ADA awareness, confidentiality, adjustment and maintenance of assistive equipment and safety. Corequisites: OTAS 1100, OTAS 1111, ALHE 1104, ALHE 1120. Prerequisite : Admission into the OTA program. Offered: Fall.

OTAS 1111. Functional Anatomy and Kinesiology. (4 Credits)
Analysis of human movement and its impact on function through the integration of biomechanics, kinesiology and applied anatomy. Principles will be reinforced through a problem-solving approach for understanding movement. Goniometric measurements and manual muscle testing of the upper and lower extremities, trunk and head will be included. Prerequisites: Admission into the OTA program. Corequisites: OTAS 1100, OTAS 1105, ALHE 1104, ALHE 1120 Offered: Fall .

OTAS 1121. Therapeutic Media. (2 Credits)
Lecture and laboratory course emphasizing basic media and activities in a therapeutic setting. Focus is placed in lecture sessions on activity analysis. Laboratory focus is based on application of analysis to therapeutic intervention situations. Skill attainment in relation to the actual process of different media tasks will be encouraged. Corequisites: OTAS 1131, OTAS 1140, OTAS 1145. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, ALHE 1104, ALHE 1120. Offered: Spring.

OTAS 1131. Physical Function in Occupation I. (4 Credits)
The role of the OTA in the evaluative process, treatment, documentation and reassessment is presented. Recognition of specific skills related to adaptive procedures and the grading of tasks for maximized patient gains is examined. Treatment techniques and considerations for specific patient populations with physical dysfuntion related issues are presented. Level 1 fieldwork is a component part of this course offering. Corequisites: OTAS 1121, OTAS 1140, OTAS 1145. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, ALHE 1104, ALHE 1120. Offered: Spring.

OTAS 1132. Physical Function in Occupation II. (4 Credits)
A continuation of the OTAS 1131 course. Emphasis is placed upon the OTA in the evaluative process, treatment role and documentation for the patient population related to physical dysfunction. The role of the OTA across the continuum of care is viewed. Systematic examination of the OTA in the treatment process and appropriate problem-solving is encouraged. Corequisites: OTAS 2200, OTAS 2260. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145, ALHE 1104, ALHE 1120. Offered: Summer.

OTAS 1140. Psychosocial Function in Occupation. (3 Credits)
Etiology, diagnosis and treatment of psychiatric conditions encountered in the clinical setting by Occupational Therapy Assistants. Occupational therapy treatment techniques for remediation and prevention across the life-span continuum are covered. Recognition of the use of psychotropic medications in psychiatric treatment and corresponding possible side effects are studied. Level 1 fieldwork observations and field trips will be part of this course. Prerequisites: ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111 Corequisites: OTAS 1121, OTAS 1131, OTAS 1145 Offered: Spring.

OTAS 1145. Developmental Function in Occupation. (3 Credits)
Examination of the process of evaluation, treatment and documentation for the OTA in settings working with a caseload involving development dysfuntion. Emphasis is placed on developmental factors across ages and populations. Adaptive coping techniques and skills will be explored, with focus on practical problem solving. Level 1 fieldwork placement will be a component part of this course offering. Corequisites: OTAS 1121, OTAS 1131, OTAS 1140. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, ALHE 1104, ALHE 1120. Offered: Spring.

OTAS 2200. Assistive Techniques and Technologies. (3 Credits)
The use and modification of adaptive devices and equipment is studied. Creative problem-solving regarding specific medical conditions is encouraged through the development of adaptive equipment. Proper patient positioning in the therapeutic and home environment is examined. Further development of static and dynamic splinting skill techniques for diverse patient treatment needs will be learned. The ability to analyze and problem-solve regarding overcoming environmental barriers is fostered. Issues related to increasing safety and functional mobility are explored. Corequisites: OTAS 1132, OTAS 2260 Prerequisites: ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145 Offered: Summer.

OTAS 2260. Treatment Methods and Management for the OTA. (4 Credits)
This course enables the student to apply specialized occupational theory, skills and concepts learned in the didactic coursework to the clinic. Topics include common diagnoses seen, treatment environments, and treatments for areas of occupation including ADL, IADL, education, work, play, leisure, and social participation. Students will be required to develop applications for enabling function for mental health and physical well-being through occupational therapy assessment/evaluation, intervention, and patient/client education. Techniques and applications used in traditional and non-traditional practice settings will be explored. Students will develop an awareness of activity demands, contexts, adapting, grading, and safe implementation of occupations or activities. Course will also create a discussion forum addressing events, skills, knowledge, and/or behaviors related to the practice environment. This will include legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation. Test-taking strategies for certification exams and the process for getting licensed will also be presented. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145, ALHE 1104, ALHE 1120. Corequisites: OTAS 1132, OTAS 2200. Offered: Summer.

OTAS 2410. Fieldwork Experience Level II A. (5 Credits)
Full-time fieldwork experience following the completion of all didactic course work. The fieldwork program involves students in experiences with clients, patients, therapists and others in the health care community. Participation in Level II fieldwork placements allows application of classroom theory and academic knowledge base. The fieldwork will be available in various settings providing opportunities for experience with diverse patient/client populations. The student fieldwork intern will experience various service delivery models reflective of current practice in the profession. Fieldwork internships are carried out in accordance with contractual agreements with health care facilities. Level II fieldwork internships are an integral part of the educational process and must be successfully completed within 18 months of the end of the didactic course work. Corequisites: OTAS 2420, OTAS 2412. Prerequisites: Completion of all didactic course work; ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1132, OTAS 1140, OTAS 1145, OTAS 2200, OTAS 2260 Offered: Fall or at the discretion of the Program Director.

OTAS 2412. Occupational Therapy Seminar. (2 Credits)
This course is designed to provide for the transition from the student role to the graduate role. Analysis of ethical, professional, and social issues affecting OTA practice will occur. Emphasis will be on preparation for national and state credentialing requirements and promotion of life-long learning. There will be ongoing learning of program evaluation, reimbursement mechanisms, healthcare legislation, federal and state regulations, the responsibility of the professional and consumer, and the professional rules and responsibilities of the OTA. The student will be expected to understand the role of health professionals in changing healthcare systems, administration, management, and research. Participation in a Web-based course covering review of national exam material will occur throughout the semester. Students will be required to complete case study assignments based on clinical experiences during Level II fieldwork. Students are also required to complete mock board exams in preparation for the national certification exam. Corequisites: OTAS 2410, OTAS 2420. Prerequisites: ALHE 1104, ALHE 1120, OTAS 1100, OTAS l105, OTAS 1111, OTAS 1121, OTAS l131, OTAS 1132, OTAS 1140, ALHE 1145, OTAS 2200, OTAS 2260. Offered: Fall.

OTAS 2420. Fieldwork Experience Level II B. (5 Credits)
Full-time fieldwork experience following the completion of all didactic course work. The fieldwork program involves students in experiences with clients, patients, therapists and others in the health care community. Participation in Level II fieldwork placements allows application of classroom theory and academic knowledge base. The fieldwork will be available in various settings providing opportunities for experience with diverse patient/client populations. The student fieldwork intern will experience various service delivery models reflective of current practice in the profession. Fieldwork internships are carried out in accordance with contractual agreements with health care facilities. Level II fieldwork internships are an integral part of the educational process and must be successfully completed within 18 months of the end of the didactic course work. Prerequisite: Completion of all didactic course work; ALHE 1104, ALHE 1120, OTAS 1100, 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1132, OTAS 1140, OTAS 1145, OTAS 2200, OTAS 2260 Corequisites: OTAS 2410, OTAS 2412. Offered: Fall or at the discretion of the Program Director.

PHLE 1101. Phlebotomy I. (2 Credits)
Introduction to Phlebotomy: liability, safety, equipment and techiques for blood sample collection. Prerequisite: None. Offered: Fall.

PHLE 1102. Clinical Phlebotomy II. (4 Credits)
Clinical practice in an affiliate clinical laboratory. The clinical experience enables the student to practice skills and develop competence under the supervision of the laboratory staff. Prerequisite: PHLE 1101. Offered: Spring, A and B Term.

PTAS 1100. Intro to Physical Therapy. (1 Credit)
Explanation of the philosophy and history of the physical therapy profession and its relationship to other health care agencies and providers. Topics include: introduction to the structure and function of the American Physical Therapy Association, the development of the Physical Therapy Association, medical-legal aspects and professional ethics, critical thinking/problem solving and an introduction to documentation. Prerequisite: Admission to PTA program. Corequisite: PTAS 1110, PTAS 1115, PTAS 1125. Offered: Fall.

PTAS 1105. OrientationPatient Care Skills. (3 Credits)
Orientation of basic concepts and procedures of patient care in physical therapy. Topics include documentation and chart review, basic administrative skills, teaching and learning principles, patient positioning and draping, body mechanics, vital sign monitoring, transfers, assistive devices and gait training, infection control, aseptic techniques, architectural barriers and accessibility, special patient care equipment and environment and basic soft tissue techniques. Prerequisites: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125. Corequisites: PTAS 1121, PTAS 1130, PTAS 2010. Offered: Spring.

PTAS 1110. Function Anatomy & Kinesiology. (4 Credits)
Understanding of human movement and its impact on function through the integration of biomechanics, kinesiology, and applied anatomy. Principles will be reinforced through a problem-solving approach. Goniometric measurements, manual muscle testing, and palpation skills of the upper extremity, lower extremity, trunk, and head will be included. Corequisites: PTAS 1100, PTAS 1115, PTAS 1125. Prerequisite: Admission to PTA Program. Offered: Fall.

PTAS 1115. Clinical Pathology. (3 Credits)
The pathophysiology of selected disorders commonly encountered in physical therapy. Etiology, signs and symptoms, diagnostics, treatment, and prognosis of disease and injury will be included. This is an on-line course. Corequisites: PTAS 1100, PTAS 1110, PTAS 1130. Prerequisite: Admission to PTA Program. Offered: Fall.

PTAS 1121. Therapeutic Exercise I. (4 Credits)
Emphasizes demonstration and practice of common therapeutic exercise utilized in physical therapy that include active, active assistive, and passive range of motion. Data collection and performance of manual muscle testing and special tests will be explored along with treatment interventions for common musculoskeletal disease, dysfunction, and injury for treatment of neck, shoulder, arm, hand, postural abnormalities, and body mechanics with an emphasis on ergonomics. Principles of patient care will be developed utilizing critical thinking and problem-solving skills in the selection and application of treatment interventions based on the plan of care. Prerequisites: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125. Corequisites: PTAS 1105, PTAS 1130, PTAS 2010. Offered: Spring.

PTAS 1122. Therapeutic Exercise/Spec Pop. (4 Credits)
Advanced therapeutic exercise techniques used in specialty areas of physical therapy, including, but not limited to: arthritis, wound care, burns, cardiopulmonary, peripheral vascular disease, geriatrics, amputation, women's health, cancer and chronic pain. Corequisites: PTAS 1125, PTAS 1135, PTAS 2050. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1130, PTAS 2010, PTAS 2100. Offered: Summer.

PTAS 1125. Physical Agents. (4 Credits)
Therapeutic properties and application of physical agents used in the delivery of physical therapy services. Electromyography will be included. Emphasis is on problem-solving skills necessary to provide an integrated approach to patient care. Students must demonstrate basic skill acquisition in using equipment and the ability to choose appropriate physical agents based on the physical therapist's plan of care. This course is web-enhanced. Corequisites: PTAS 1100, PTAS 1110, PTAS 1115. Prerequisite: Admission to PTA Program. Offered: Fall.

PTAS 1130. Appl Neurology & Gait Analysis. (3 Credits)
Basic neurophysiological concepts used as a foundation for understanding normal and abnormal function. Theory and application of fundamental neuro-anatomy and physical data collection techniques will be introduced. Normal and abnormal gait concepts are covered. Part-time clinical experience will be included. Corequisites: PTAS 1105, PTAS 1121, PTAS 2010. Prerequisite: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125. Offered: Spring.

PTAS 1135. Seminar/Phy Ther Assistant I. (2 Credits)
Adaptation of psychosocial principles in the development of self-understanding and communication with patients, families, the public and other health care teams. Develops basic administrative skills in scheduling patients, patient charges, explanation of reimbursement, important of incidence report, risk management and continuous quality improvement. The Rules and Laws of the Georgia State Board of Physical Therapy will be explored. Clinical professionalism is also emphasized along with time management and professional development. Corequisites: PTAS 1122, PTAS 2100, PTAS 2050. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1125, PTAS 1130, PTAS 2010. Offered: Summer.

PTAS 2010. Clinical Practicum I. (2 Credits)
First full-time clinical experience in which students integrate component clinical skills and prerequisite knowledge into a patient management framework. Emphasis is on the development of critical thinking abilities, professional and ethical behaviors, responsibility, and effective management of time and resources. This practicum is 40 hours per week for 3 weeks. Corequisites: PTAS 1105, PTAS 1121, PTAS 1130. Prerequisite: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125.Offered: Spring.

PTAS 2020. Clinical Practicum II. (5 Credits)
Second full-time clinical rotation in which the student gains additional experience in a health care facility observing and practicing skills under the supervision of a clinical instructor. The student will implement patient care utilizing knowledge from all didactic coursework for critical thinking and problem-solving in the selection and application of treatment interventions based on the physical therapist's plan of care. This practicum is 40 hours per week for 6 weeks. Corequisites: PTAS 2025, PTAS 2200. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1122, PTAS 1125, PTAS 1130, PTAS 1135, PTAS 2010, PTAS 2050, PTAS 2100. Offered: Fall.

PTAS 2025. Clinical Practicum III. (5 Credits)
Final clinical experience in which students achieve refinement of all competencies from Clinical Practicums I & II, as well as expansion into other areas of physical therapy care while under the supervision of a clinical instructor. Upon successful completion, the student will demonstrate entry-level competency as a physical therapist assistant. The student will demonstrate strong cognitive, motor, and organizational skills. He/she will handle the responsibilities and possess the sound judgment required of a physical therapist assistant. The practicum is 40 hours per week for 6 weeks. Corequisites: PTAS 2020, PTAS 2200. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1122, PTAS 1125, PTAS 1130, PTAS 1135, PTAS 2010, PTAS 2050, PTAS 2100. Offered: Fall.

PTAS 2050. Therapeutic Exercise II. (3 Credits)
Continues education from Therapeutic Exercise I for data collection and performance of manual muscle testing and special tests along with treatment interventions for common musculoskeletal disease, dysfunction, and injury for treatment of the spine, hip, knee, ankle, foot, and gait abnormalities. Principles of patient care will continue to be utilized, along with critical thinking and problem-solving skills in the selection and application of treatment interventions based on the plan of care. Corequisites: PTAS 1122, PTAS 1135, PTAS 2100. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1125, PTAS 1130, PTAS 2010. Offered: Summer.

PTAS 2100. Neurological Rehabilitation. (3 Credits)
Principles of patient management of adults and children with central nervous system disorders utilizing neurophysiological data collection methods and treatment interventions. General topics will include cerebrovascular accidents, pediatrics, spinal cord injury, head injury, and other selected disorders commonly referred for physical therapy. This class meets 7.5 hours per week for 10 weeks.Corequisites: PTAS 1122, PTAS 1135, PTAS 2050. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1125, PTAS 1130, PTAS 2010. Offered: Summer.

PTAS 2200. Seminar for Physical Therapy Assistants II. (2 Credits)
An exploration of the clinical experience through the presentation of a case study (both written and orally.) Topics will include interview skills, resume skills, and preparation/review for state board examinations. Corequisites: PTAS 2020, PTAS 2025. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1122, PTAS 1125, PTAS 1130, PTAS 1135, PTAS 2010, PTAS 2050, PTAS 2100. Offered: Fall.

RADS 1000. Introduction to Radiography and Patient Care. (3 Credits)
Provides the student with an overview of radiography and patient care. Students will be oriented to the radiographic profession as a whole. Emphasis will be placed on patient care with consideration of both physical and psychological conditions. Introduces a grouping of fundamental principles, practices, and issues common to many specializations in the health care profession. In addition to the essential skills, students explore various delivery systems and related issues. Topics include: ethics, medical and legal considerations, Right to Know Law, professionalism, basic principles of radiation protection and exposure, equipment introduction, health care delivery systems, hospital and departmental organization, medical emergencies, pharmacology/contrast agents, media, OR and mobile procedures patient preparation, death and dying, body mechanics/transportation, basic life support/CPR, and patient care in radiologic sciences. Prerequisite: Program Admission. Offered: Spring.

RADS 1020. Radiographic Procedures I. (2 Credits)
Introduces the knowledge required to perform radiologic procedures applicable to the human anatomy. Emphasis will be placed on the production of quality radiographs, and laboratory experience will demonstrate the application of theoretical principles and concepts. Topics include: introduction to radiographic imaging procedures; positioning terminology; positioning consideration; procedures, anatomy, and topographical anatomy related to body cavities, bony thorax, and abdomen. Prerequisites: ALHE 1120, ENGL 1101, BIOL 1100K, RADS 1000. Corequisite: RADS 1220. Offered: Summer.

RADS 1040. Radiographic Procedures II. (3 Credits)
Continues to develop the knowledge required to perform radiographic procedures. Topics include: anatomy and routine projections of the upper extremities and shoulder girdle; lower extremities; pelvic girdle; anatomy and routine projections of the spine, ribs and sternum. Prerequisites: RADS 1020, RADS 1220. Corequiste: RADS 1230. Offered: Fall.

RADS 1100. Principles of Radiation Biology and Protection. (3 Credits)
Provides instruction on the principles of cell radiation interaction. Radiation effects on cells and factors affecting cell response are presented. Acute and chronic effects of radiation are discussed. Topics include: radiation detection and measurement; patient protection, personnel protection, absorbed dose equivalencies, agencies and regulations, introduction to radiation biology, cell anatomy, radiation/cell interaction and effects of radiation. Prerequisites: Program Admission and RADS 1000. Corequisite: None. Offered: Summer.

RADS 1120. Imaging Science I. (4 Credits)
Content is designed to establish a basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter. Factors that govern the image production process, film imaging with related accessories, and a basis for analyzing radiographic images. Included is the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Actual images will be included for analysis. Prerequisites: MATH 1111 and RADS 1000. Corequisite: None. Offered: Fall.

RADS 1210. Clinical Imaging I. (2 Credits)
Introduces students to the hospital clinical setting and provides an opportunity for students to participate in and/or observe radiographic procedures. Topics include: orientation to hospital areas and procedures, orientation to mobile/surgery, orientation to radiography and fluoroscopy, participation in and/or observation of procedures related to the thoracic and abdominal body cavities. Activities of students are under direct supervision. Prerequisite: Program Admission. Corequisite: RADS 1000. Offered: Spring.

RADS 1220. Clinical Imaging II. (2 Credits)
Continues introductory student learning experiences in the hospital setting. Topics include: patient care, radiation safety practices, equipment utilization, exposure techniques, attend to and/or observation of routine projections of the thoracic and abdominal cavities in general and fluoroscopic procedures, observation of routine projections of the upper extremities and the shoulder girdle and lower extremities, pelvic girdle, and spine, observation of procedures related to the gastrointestinal (GI), genitourinary (GU), and biliary systems and observation of procedure related to minor radiologic procedures. Execution of radiographic procedures will be conducted under direct and indirect supervision. Initial competencies will be obtained. Prerequisites: RADS 1000, RADS 1210. Corequisite: RADS 1020. Offered: Summer.

RADS 1230. Clinical Imaging III. (4 Credits)
Intermediate student learning experiences in the hospital/clinical setting. Topics include: patient care; radiation safety practices, equipment utilization, exposure techniques, attend to and/or observation of routine projections of the thoracic and abdominal cavities, upper and lower extremities, pelvic girdle, and spine, attend to and/or observation of procedures related to the gastrointestinal (GI), genitourinary (GU), and biliary systems, and attend to and/or observation of procedure related to minor radiologic procedures. Execution of radiographic procedures will be conducted under direct and indirect supervision. Additional competencies and evidence of continued competencies will be obtained. Prerequisite: RADS 1220. Corequisite: RADS 1040. Offered: Fall.

RADS 2060. Radiographic Procedures III. (3 Credits)
Continues to develop the knowledge required to perform radiographic procedures. Topics include: gastrointestinal (GI) procedures, genitourinary (GU) procedures, biliary system procedures and special procedures, anatomy and routine projections of the cranium, facial bones, and sinuses, sectional anatomy of the head, neck, thorax and abdomen. Prerequisites: RADS 1040, RADS 1230. Corequisite: RADS 2240. Offered: Spring.

RADS 2130. Imaging Science II. (4 Credits)
Content is designed to impart an understanding of the components, principles and operation of digital imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Guidelines for selecting exposure factors and evaluating images within a digital system assist students to bridge between film-based and digital imaging systems, with a knowledge base in radiographic, fluoroscopic, mobile and tomographic equipment requirements and design. This content also provides a basic knowledge of quality control, principles of digital system, quality assurance and maintenance. Content is designed to provide entry-level radiography students with principles related to computed tomography (CT) imaging and other imaging modalities (i.e., MRI, US, NM, Mammography) in terms of purpose, principles, equipment/material and procedure. Topics include: imaging equipment, digital image acquisition and display, and basic principles of CT and other imaging modalities. Topics include: imaging equipment, digital image acquisition and display, basic principles of CT and other imaging modalities. Prerequisites: BUSA 2101, RADS 1120. Offered: Fall.

RADS 2140. Pathology for the Imaging Professional. (2 Credits)
Content is designed to introduce the student to concepts related to disease and etiological considerations. Pathology and disease as they relate to various radiographic procedures are discussed with emphasis on radiographic appearance of disease and impact on exposure factor selection. Topics include: fundamentals of pathology, trauma/physical injury and systematic classification of disease. Prerequisites: RADS 1000, ALHE 1120, BIOL 1100K. Corequisite: None. Offered: Summer.

RADS 2150. Radiologic Science Review. (3 Credits)
Provides a review of basic knowledge from previous courses and helps the student prepare for national certification examinations for radiographers. Topics include: image production and evaluation, radiographic procedures, anatomy, physiology, pathology and terminology; equipment operation and quality control, radiation protection, and patient care and education. Prerequisites: RADS 1100, RADS 2060, RADS 2130, RADS 2140, RADS 2250. Corequisite: None. Offered: Fall.

RADS 2240. Clinical Imaging IV. (6 Credits)
Continues to provide students with intermediate learning experience in hospital/clinical setting. Students continue to develop proficiency in executing procedures introduced in Radiographic Procedures. Topics include: patient care, radiation safety practices, behavioral and social competencies, performance and/or observation of minor special procedures, special equipment use and participation in and/or observation of cranial and facial radiography. Execution of radiographic procedures will be conducted under direct and indirect supervision. Competencies and evidence of continued competencies will continue to be obtained. Prerequisite: RADS 1230. Corequisite: RADS 2060. Offered: Spring.

RADS 2250. Clinical Imaging V. (3 Credits)
Advanced clinical learning experiences are obtained as students continue to develop proficiency in executing procedures introduced in Radiographic Procedures. Topics include: sterile techniques, participation in and/or observation of minor special procedures, special equipment use and genitourinary system procedures, participation in and/or observation of cranial and facial radiography and competency completion evaluation. Execution of radiographic procedures will be conducted under direct and indirect supervision. Competencies and evidence of continued competencies will continue to be obtained. Prerequisite: RADS 2240. Corequisite: None. Offered: Summer.

RADS 2260. Clinical Imaging VI. (6 Credits)
Provides students with continued hospital setting experience. Students demonstrate increased proficiency levels in skills introduced in all of the imaging procedures courses and practiced in previous clinical imaging courses. Topics include: patient care, behavioral and social competency, advanced radiographic anatomy, equipment utilization, exposure techniques, sterile techniques, integration of procedures and/or observation of angiographic, interventional, minor special procedures, integration of procedures and/or observation of special equipment use, integration of procedures and/or observation of routine and special radiographic procedures and final completion of all required clinical competencies. Execution of imaging procedures will be conducted under direct and indirect supervision. Prerequisite: RADS 2250. Corequisite: RADS 2150. Offered: Fall.

RESP 1100. Introduction to Respiratory Care. (1 Credit)
This course introduces students to the Respiratory Care profession and the skills needed to become a Respiratory Therapist. Topics will include the history of the Respiratory Care profession, and a discussion of the future of Respiratory Care. A description of the organization of a hospital Respiratory Care department and an overview of common modalities and specialized areas of Respiratory Care including an introduciton to Therapist driven protocols and clinical practice guidelines. A discussion of job opportunities and areas for advancement within the profession. An overview of legal and ethical issues impacting health care, and particularly Respiratory Care, in today's Health Care environment. Universal precautions and OSHA blood and body fluids precautions will be presented. The functions of the NBRC, AARC, CoARC and the Georgia Medical Board will be examined and the credentialing and licensing processes outlined. Prerequisites: Completion or exemption of all Learning Support requirements. Corequisites: RESP 1111, RESP 1131, RESP 1133, RESP 1134. Offered: Summer. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

RESP 1111. Fundamentals of Respiratory Care. (3 Credits)
This course introduces the principles and practices of Non Critical Respiratory Care. The course will emphasize the use of Therapist Driven Protocols and Clinical Practice Guidelines. Basic Respiratory Care skills in modalities such as oxygen, humidity, bland aerosol, medicated aerosol, passive hyperinflation, chest physiotherapy, postural drainage, airway clearance therapies, arterial blood gases and bedside pulmonary function studies will be developed. Emphasis will be placed on setting up, using and troubleshooting equipment, and on the physical and physiologic principles of gas exchange, ventilation, acid/base balance and gas laws. To progress to RESP 2201, each student will be required to successfully complete and pass a Lab competency exam. Basic math competency is required. Students may be required to demonstrate proficiency in basic math skills for progression in the program, A passing score of "C" or better is required for progression in the program. The American Heart Association Basic Life Support course will be included in this course. Prerequisites: Admission into Respiratory Care Program. Corequisites: RESP 1100, RESP 1131, RESP 1133, RESP1134. Offered: Summer.

RESP 1131. Patient Assessment & Protocols. (4 Credits)
This course introduces the concepts and techniques of patient assessment through inspection, palpation, percussion, and auscultation. The student will demonstrate proficiency in patient physical examination, and taking a complete patient medical history. Principles of barrier protection for blood and body fluid exposures, and isolation precautions will be emphasized. Basic chest x-ray interpretation, basic ECG monitoring, basic laboratory values such as CBC, electrolytes, and basic microbiology are presented. Assessment of critically ill patients is introduced. Each student will be required to successfully complete a Lab competency examination. Prerequisites: RESP 1100, RESP 1111. Corequisites: RESP 1132, RESP 1133, RESP 1134. Offered: Fall. Credits: 4.00 Credit Hours (3.00 Lecture - 3.00 Lab).

RESP 1132. Cardiopulmonary Pharmacology. (2 Credits)
A general pharmacology course for the respiratory care professional caring for the acute and subacute patient. Emphasis will be placed on the indications, contraindication, hazards, and routes of administration for the drugs discussed. The pharmacology of the major therapeutic classes of drugs important to respiratory care will be presented. Prerequisites: RESP 1100, RESP 1111. Corequistes: RESP 1131, RESP 1133, RESP 1134. Offered: Fall Semester. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

RESP 1133. Cardiopulmonary Anatomy & Physiology. (3 Credits)
A study of normal and abnormal anatomy and pathophysiology of the cardiac, pulmonary, and renal systems. The mechanisms of homeostatic control for acid/base balance, ventilation, gas transport and circulation will be addressed. Hemodynamic monitoring will be emphasized. Prerequisites: RESP 1100, RESP 1111. Corequisites: RESP 1131, RESP 1132, RESP 1134. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

RESP 1134. Cardiopulmonary Diseases & TRM. (2 Credits)
A survey course of the clinical pathophysiology of selected cardiopulmonary diseases. The emphasis will be placed on the description of the etiology, clinical manifestation, diagnosis, therapeutics and prognosis of acute and chronic diseases of the cardiopulmonary patient. Prerequisites: Admission into Respiratory Care Program. Corequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1133. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

RESP 1135. Mechanical Ventilation and Critical Care. (5 Credits)
This course introduces the critical care modalities of airway management including tracheal suctioning and endotracheal intubation, tracheostomy care, concepts of mechanical ventilation are presented. Other critical care skills such as arterial lines, hemodynamic monitoring, advanced patient monitoring, bronchoscopy, and tracheostomy are presented. Basic math skills are required for this course. Each students may be required to pass a math competency exam to demonstrate proficiency. East student will be required to successfully pass a lab competency exam in order to progress to RESP 2201. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1133, RESP 1134. Corequisites: RESP 1138. Offered: Spring Semester. Credits: 5.00 Credit Hours (3.00 Lecture - 6.00 Lab).

RESP 1136. Pediatric and Neonatal Respiratory Care. (3 Credits)
This course presents the physiological and clinical concepts of mechanical ventilation and critical care monitoring of the pediatric and neonatal patient. The course focuses on respiratory care modaliaites and concepts specifically related to the pediatric and neonatal patient. Some topics include: ventilator design & function, assessment & monitoring of pediatric/neonatal patients, techniques for improving ventilation & oxygenation, weaning strategies, and labor & delivery. Critical thinking skills will be emphasized to support the application of neonatal/pediatric physician and therapist driven protocols. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1134, RESP 1133. Corequisites: RESP 1137. Offered: Summer. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

RESP 1137. Specialized Areas of Resp Care. (2 Credits)
This course surveys the important principles and practics of Respiratory Care in the following specialty areas: Pulmonary Function Testing, Polysomnography and Sleep Disorders, Pulmonary Rehabilitation, Geriatric Care, and Home Care. Students will apply the knowledge learned in this course in Practicum III. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133. Corequisites: RESP 1136. Offered: Summer. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

RESP 1138. Advanced Cardiac Life Support. (3 Credits)
This course will prepare the student to take and pass the American Heart Association Advanced Cardiac Life Saving Course (ACLS.) Students will take the official AHA ACLE course at the end of this course. Students must pass the ACLS course to pass this course. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1133, RESP 1134. Corequisites: RESP 1132, RESP 1135, RESP 1136, RESP 1137. Offered: Spring Semester. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

RESP 2110. Mechanical Ventilation and Critical Care. (4 Credits)
This course introduces the critical care modalities of airway management including tracheal suctioning and endotracheal intubation, tracheostomy care, concepts of mechanical ventilation are presented. Other critical care skills such as arterial lines, hemodynamic monitoring, advanced patient monitoring, bronchoscopy, and tracheostomy are presented. Basic math skills are required for this course. Each student may be required to pass a math competency exam to demonstrate proficiency. Each student will be required to successfully pass a lab competency exam in order to progress to RESP 2210. Corequisite: RESP 2310. Prerequisites: RESP 1121, RESP 1132, RESP 1133. Offered: Summer.

RESP 2130. Specialized Areas/Respiratory Care. (2 Credits)
This course surveys the important principles and practices of Respiratory Care in the following specialty areas: Pulmonary Function Testing, Polysomnography and Sleep Disorders, Pulmonary Rehabilitation, Geriatric Care, and Home Care. Students will apply the knowledge learned in this course in Practicum III. Corequisites: RESP 2121, RESP 2210. Prerequisites: RESP 2110, RESP 2310. Offered: Fall Semester Sophomore Year.

RESP 2201. Clinical Practicum I. (1 Credit)
This course will provide the student with comprehensive evidence-based respiratory care protocols to be used in providing the highest level of care to adults in settings across the continuum. An emphasis will be placed on departmental protocols, practice guidelines, patient identification, and communication skills. An overview of legal and ethical issues impacting healthcare, and particularly respiratory care, in today's health care environment. Prerequisites: None. Corequisites: None. Offered: Fall. Credits: 1.00 Credit Hours (0.00 Lecture - 3.00 Lab).

RESP 2202. Clinical Practicum II. (1 Credit)
This course includes the processes, techniques, and skills of health assessment, building on basic and experiential knowledge of assessment. It is intended to provide the basis for individual student development of expertise in assessing health and illness states. Focus is on didactic and clinical content that the practicing respiratory therapist utilizes when assessing clients. The processes of systematic assessment, which include communication, planning, and cultural variations are emphasized. Clinical judgment, diagnostic & monitoring skills, and teaching are integrated as components of assessment. Prequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134. Corequisites: None. Offered: Spring. Credits: 1.00 Credit Hours (0.00 Lecture - 8.00 Lab).

RESP 2203. Clinical Practicum III. (1 Credit)
This course provides a clinical application for the student to master the modalities used by the practicing respiratory therapist. These skills include: oxygen therapy, humidity therapy, bland continuous aerosol therapy, medicated nebulizer therapy, passive hyperinflation, chest physiotherapy and postural drainage, arterial blood gas draws and analysis, equipment cleaning and environmental therapy. Equipment therapy will be reinforced. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134, RESP 1135, RESP 1138. Corequisites: None. Offered: Summer. Credits: 1.00 Credit Hours (0.00 Lecture - 8.00 Lab).

RESP 2205. Respiratory Care Clin. Proc.. (1 Credit)
This course will introduce the student to the policies and procedures of the clinical facilities where they will complete their clinical rotations. The course will emphasize the expectations for the student during the clinical rotations in order to facilitate a professional learning experience, while adhering to the policies and procedures of the clinical facility. HIPPA requirements, infection control and universal precautions will be thoroughly discussed to ensure complete understanding and compliance by the students. Professionalism and work place expectations such as promptness, reliability and honesty will be emphasized. Additionally, proper professional attire will be emphasized. Interpersonal communication skills and social interactions with therapists, nurses, supervisors, physicians and other staff will be discussed. Also, proper interaction with other students and instructors will be taught. Prequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134, RESP 1135, RESP 1136, RESP 1137, RESP 1138. Corequisites: RESP 2201 Practicum I Offered: Summer Semester Sophomore Year.

RESP 2210. Clinical Practicum IV. (4 Credits)
This course provides a continuation of RESP 2203. Emphasis will be placed on departmental protocols and clinical practice guidelines. Students are introduced to the care of adult critically ill patients in the Intensive Care Unit. Mastery of active hyperinflation therapies, chest physiotherapy, arterial blood punctures analysis, and continued concepts of airway management. The ethical practice of respiratory care and the application of patient driven protocols will be emphasized. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134, RESP 1135, RESP 1136, RESP 1137, RESP 1138. Corequisites: None. Offered: Fall, A-Term. Credits: 4.00 Credit Hours (0.00 Lecture - 30.00 Lab).

RESP 2220. Clinical Practicum V. (4 Credits)
Practicum to support content presented in RESP 1136 and RESP 1137. Practical experiences will occur in proportion to emphasis placed on the cognitive content in the companion course. This course may also provide an opportunity for accelerated or advanced students to explore additional clinical experiences outside the usual program scope. Emphasis will be placed on the neonatal/pediatric intensive care patient. Students will be required to attend and pass the NRP course. Prerequisites: Current CPR, membership in the AARC, RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134, RESP 1135, RESP 1136, RESP 1137, RESP 1138. Corequisites: RESP 2210, RESP 2330. Offered: Fall, B-Term. Credits: 4.00 Credit Hours (0.00 Lecture - 30.00 Lab).

RESP 2310. Cardiopulmonary Diseases & Treatment. (3 Credits)
RESP 2310 Cardiopulmonary Diseases & Treatment (3-0-3) A survey course of the clinical pathophysiology of selected cardiopumonary diseases. The emphasis will be placed on the description of the etiology, clinical manifestation, diagnosis, therapeutics, and prognosis of acute and chronic diseases of the cardiopulmonary patient. Student will be required to present clinical case studies on the major cardiopulmonary pathologies. Corequisite: RESP 2110. Prerequisites: RESP 1121, RESP 1132, RESP 1133. Offered: Summer.

RESP 2330. Credential Preparation. (1 Credit)
The course will focus on a review of essential concepts of Respiratory Care with emphasis on content examined by the NBRC entry level and advanced level examinations. Critical thinking skills will be reinforced through presentation and discussion of case studies. Surveys of clinical research literature and journal articles will be examined. Each student must take and successfully pass the NBRC Self Assessment Exam as a requirement for passing the course and for graduation from the program. Prerequisites: RESP 2201. Corequisites: RESP 2210. Offered: Fall, Sophomore Year. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

RESP 2800. Introduction to Respiratory Care & Polysomnography. (1 Credit)
A course introducting students to the healthcare system and the Respiratory Care and Polysomnography professions. Topics will include the history of the Respiratory Care and Polysomnography professions, and a discussion of the future of both. A discussion of the current state of the health care system in the United States, a discussion of job opportunities and areas for advancement available within the professions. An overview of legal and ethical issues impacting Health Care, and particularly Respiratory Care and Polysomnography, in today¿s Health Care environment. Communication principles and skills needed by Healthcare professionals are discussed. Universal precautions and OSHA blood and body fluids precautions will be presented. The functions of the accrediting, licensing, and credentialing organizations for both the Respiratory Care and Polysomnography professions, will be examined and the credentialing and licensing processes outlined. A discussion of professionalism and professional behavior will be included. Prerequisites: Admission to the Accelerated Certificate Program or permission of Program Director. Corequisites: None. Offered: On demand.

Computed Tomography Certificate

Computed Tomography Technologists are skilled professionals who use the knowledge of anatomy and physiology, cross sectional anatomy, and proper radiation safety to assist physicians in the diagnosis and treatment of patients with various medical issues while ensuring the safety and well-being of the patient. The certification program is designed to prepare the student for an entry-level position as a Computed Tomography Technologist.

The Computed Tomography Certificate is a two semester, six course curriculum designed to provide Radiologic Technologists, Nuclear Medicine Technologists, and Radiation Therapy Technologists the opportunity to develop clinical skills as well as critical thinking skills needed to be eligible to take the ARRT post-primary certification test. This program is designed to prepare the technologist to enter the workforce as an entry-level CT Technologist.

The clinical component consists of two semesters with direct supervision at an approved clinical site by Albany State University. Technologist will be required to perform CT exams including head, neck, chest, abdomen, pelvis, extremity as well as angiography.

The didactic portion of the CT program consists of four courses that will be instructed as online courses. The curriculum includes topics such as:

- contrast agents,
- patient assessment,
- patient preparation,
- data processing,
- image reconstruction,
- image quality, and
- cross sectional anatomy.

Computed Tomography Program Requirements

1. Student must earn a "C" or better in all courses related to the Computed Tomography Certificate Program.
2. Student is required to have an acceptable background check.
3. Student must maintain current CPR certification for the duration of the program.
4. Students must abide by the policies and procedures of the Computed Tomography program as described in the program Handbook.
5. The Computed Tomography Program reserves the right to discontinue, at any time, the enrollment of a Computed Tomography student if, in the judgment, of the Vice President for Academic Affairs and the Computed Tomography Faculty, the student does not appear to have the necessary qualifications for a career as a Computed Tomography Technologist. Refer to the Program Handbook for further details.
6. Student must possess:
   a. Visual acuity with or without corrective lenses to be able to read computer screens as well as information on medication bottles. Also must be able to identify cardiac arrest or any type of emergency.
   b. Hearing with or without auditory aids to understand the normal speaking voice without viewing the speaker's face (to ensure that the Computed Technologist will be able to attend to a patient's call for help)
   c. Physical ability--able to lift 40 pounds—ability to transfer patients (minimal impairment of upper and lower extremities) to perform CPR in a safe and timely manner.
   d. Speech - to be able to communicate information verbally to others in an appropriate and timely fashion.
7. Student is expected to assume responsibility for his/her own health in the event of illness, accident or exposure to communicable diseases in lab and clinic.
8. Student is required to have approved uniforms.

Additional Costs and Requirements

1. Student will be responsible for additional fees to cover the costs of uniforms, liability insurance, testing, and dosimeters prior to clinical assignment.
2. Travel to clinical sites will be required for the duration of the Computed Tomography Program. The student is responsible for any costs related to travel to and from the clinical site.
3. Student will be required to undergo a criminal background check before clinical assignment. Fees are assessed during the first semester of the professional curriculum. Albany State University uses a company called PreCheck for this purpose.

Admission Requirements

1. Admission to Albany State University
2. Completion of a CTCP application, which is available in the Health Sciences Division office.
3. Student must have a minimum overall GPA of 2.0 or greater in all previous college course work.
4. Student must be a graduate from an accredited program and has passed the ARRT certification exam or will take the exam within 2 weeks of starting the program. (Programs include: Radiologic Technologist (ARRT), Nuclear Medicine (ARRT/NMTCB), Radiation Therapy (ARRT)
5. A copy of the technologist's registry card must be sent to the Program Director before a student will be accepted to the Computed Tomography Certificate Program.
6. Students must possess an unrestricted license by the State of which he/she will be attending clinicals.
7. Submit copy of current CPR for Healthcare Provider.

Recommended Courses for Certificate Program

Pre-requisite

Applicants must be graduates from an accredited program and have passed the ARRT certification exam or will have taken the exam within 2 weeks of starting the program. (Radiologic Technologist (ARRT), Nuclear Medicine (ARRT/NMTCB), Radiation Therapy (ARRT) — a copy of the students ARRT/NMTCB registry card must be with the application.

Code	Title	Semester Hours
First Semester		
CTCP 2100	Introduction to Computed Tomography	2
CTCP 2120	Sectional Anatomy I (Head, Spine, Chest)	4
CTCP 2140	Clinical Application I	4
Second Semester		
CTCP 2110	Physical Principles, Instrumentation and Quality Control	3
CTCP 2130	Sectional Anatomy II (Abdomen, Pelvis, Neck, Extremity)	4
CTCP 2150	Clinical Application II	5
Total Semester Hours		22

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience."

CTCP 2100. Introduction to Computed Tomography. (2 Credits)
This course serves as an introduction to computed tomography with an emphasis on basic patient care while in a Computed Tomography department, as well as the history of CT and the components of a CT scanner. Additional topics include patient history, vital signs, laboratory values, contrast agents (oral and intravenous), medical ethics, patient confidentiality, as well as research contributors in CT, historical events, scanner generations, characteristics of radiation, detectors and data acquisition system. Corequisite: Graduation from an accredited Radiology, Nurclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nurclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Fall, Spring and Summer.

CTCP 2110. Physical Principles, Instrumentation and Quality Control. (3 Credits)
This course is an overview of the system operation, components and quality control. To be able to understand the different functions and capabilities and identify the components of the CT scanner to provide quality care during a CT examination. Topics include data acquisition, data processing, reconstruction, manipulation, image quaity, console, high voltage generator, filter, detectors, and confolution, interpolation and pitch. Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2120. Sectional Anatomy I (Head, Spine, Chest). (4 Credits)
This is an overview of cross-sectional anatomy that is imaged during a Computed Tomography examination. The course will provide information about normal head, spine and chest anatomy. Students will be able to identify and recall normal anatomical structures on cross-sectional images in order to perform quality care for patients. Topics include the Circle of Willis, gray/white matter, pons, vetebral body, lamina, spinous process, spinal cord, heart (ventricle/atrium), lungs and ribs. Corequisite: Graduation from accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certificate Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2130. Sectional Anatomy II (Abdomen, Pelvis, Neck, Extremity). (4 Credits)
This is an overview of cross-sectional anatomy that is imaged during a Computed Tomography examination. This course will provide basic information about normal neck, abdomen, pelvis and extremities anatomy. Students will be able to identify and recall normal anatomical structures on cross-sectional images in order to perform quality care for patients. Topics include the liver, aorta, spleen, pancreas, kidneys, ureters, pelvic girdle, sma celiac artery, femoral arteries, popliteal arteries and bony structures such as the ribs, femur, humerus, ankle, shoulder. Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2140. Clinical Application I. (4 Credits)
This course introduces students to the clinical setting of a Computed Tomography (CT) department. It allows students to observe and gain knowledge of CT procedures as well as patient care while in the CT department. Introduces the student to the CT scanner, protocols, equipment used, contrast agents, as well as starting to work toward their clinical competencies needed for this course and the American Registry or Radiologic Technologists (ARRT). Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2150. Clinical Application II. (5 Credits)
This course is a continuation of the hands-on training about the CT scanner, protocols, equipment, contrast agents, as well as post-processing that was introduced in the previous clinical course. It allows students to become more proficient as well as gain work experience needed to join the workforce as an entry-level technologist and towards the completion of their clinical competencies needed for this course, as well as the American Registry of Radiologic Technologists (ARRT). Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

Dental Hygiene, Career Associate of Science

The Associate Degree Program in Dental Hygiene is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of "Approval with Reporting Requirements." The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at 312-440-4653 or at

211 East Chicago Avenue
Chicago, IL 60611-2678.

The Commission's web address is: http://www.ada.org/en/coda.

Additional Graduation Requirements

In addition to College graduation requirements, the students must have a grade of C or better in all dental hygiene courses.

The Dental Hygiene Program reserves the right to discontinue, at any time, the enrollment of a Dental Hygiene student, if, in the judgment of the Vice President for Academic Affairs and the Dental Hygiene faculty, the student does not appear to have the necessary qualifications for dental hygiene. Any student who earns a "D", "F", or "W" in any Dental Hygiene Course, will not be allowed to continue on to the next semester within Dental Hygiene. If this is their first "D", "F", or "W" the student may re-apply to Dental Hygiene. The Dental Hygiene faculty will determine which previously successfully completed courses, if any, must be repeated by the student for continuity of skill acquisition and/or professional knowledge.

If the student earns a "D" or "F" for a second time, it will result in permanent dismissal from the Dental Hygiene program.

Any student who interrupts enrollment in Dental Hygiene for more than 1 year must repeat all professional course work upon readmission.

Additional Costs and Requirements

Dental Hygiene students will be responsible for additional fees for uniforms, instruments, liability insurance and membership in the Student American Dental Hygienists' Association.

Dental Hygiene Licensure

After successful completion of the five semester Dental Hygiene program which includes both didactic and clinical components; an Associate of Science degree will be awarded. Graduates will then be academically eligible to apply for licensure upon passing a written national board and a regional clinical exam. The Georgia Board of Dentistry has the right to refuse to grant a license to any individual who has been convicted of legal and/or moral violations specified by Georgia law. Additional costs will be incurred for licensure.

Additional Admission Requirements

1. **Be admitted to Albany State University.**
   - You may apply on-line at https://www.asurams.edu/admissions/
   - Declare Health Science as your primary major and Pre-Dental Hygiene as the secondary major.
   - Please do not send the ASU application or the $25 application fee to the DH Program. The two application processes are separate and no additional fee is required when submitting the DH Program application.
   - For transfer students, official transcripts must be sent to the ASU Office of the Registrar and must be received by the June 1 deadline.
   - Note that admission to the college **does not** ensure admission to the DH program.
2. **Submit the completed DH application packet and requirements by the June 1 deadline.**
   - The student must complete a Dental Hygiene Application and all required forms. It is the responsibility of the applicant to ensure all application material has been completed by utilizing the **checklist** at the end of the application.
   - Any submitted incomplete applications will not be given full considerations.
3. **Observation Hours**
   - Must complete a minimum of **24** observational hours in **two separate general dentist** office locations.
   - The hours must be documented and verified/signed by a dentist or registered dental hygienist.
   - Observation hours should be spent observing a **registered dental hygienist (RDH)** performing direct patient care.
   - An Observational Hours Form is located within the application packet.
   - Observational hours must be within 2 years of application submission date.
   - You may observe more than the required 24 hours, but all hours must be verified.
4. **Essay**
   - Must include a **hand written** essay explaining why you have chosen DH as a career and why you would be an asset to the profession. (no required length for the essay)
5. **TEAS Testing**
   - Include an unofficial copy of your TEAS Score Report
   - TEAS information & registration through ATI testing: https://www.atitesting.com
   - Registration and fees for testing are the responsibility of the applicant.
   - TEAS scores must be within 2 years of application submission date.
6. **Dental Hygiene Admission Orientation**
   - Students will be required to sign an **acknowledgement form** stating he/she will have to attend the mandatory Dental Hygiene Admission Orientation. This will be offered late summer only for those accepted into the professional phase. The orientation will be held on the ASU West campus and will be available via internet viewing for students more than 60 miles away from campus only. While internet viewing will be available, attendance is encouraged as a tour of the dental hygiene clinic will be included in the orientation.
7. **Completion of courses required for program admission.**
   - See below for a complete list of required DH courses that are required for program admission.
   - A minimum of a 2.5 GPA on DH **courses required for program admission**is mandatory.
   - While it is strongly advised that all general educationcourses be completed prior to application to the professional phase of the program, it is not mandatory. Only the following courses MUST BE COMPLETED PRIOR TO PROGRAM ADMISSION FOR FALL SEMSETER:
     - MATH 1111; BIOL 1100K **OR** BIOL 2411K **and** BIOL 2412K; CHEM 1151K **OR** BIOL 2211K.
     - Science courses must not be older than 10 years at the time of program application.
     - The **courses required for program admission**must be completed *or*in progress for spring semester of the year of application.
     - ALL **courses required for program admission**must be passed with a grade of C or better.
     - Potential students should be advised that while a "C" is an acceptable passing grade for general educationcourses, too many "C's" will not achieve the required 2.5 GPA of general education core curriculum.
     - The Dental Hygiene GPA is calculated strictly on required DH**courses required for program admission.**
     - All course attempts will be calculated in the GPA for competitive admission.
     - Students who have completed all of the **courses required for program admission**will likely have higher scores in the competitive admission process.

1. **Proof of Hepatitis B immunization prior to first patient contact.**
2. **Proof of CPR certification (American Heart Association Healthcare Provider Card) prior to first patient contact.**
3. **Readmission of returning students:** Any student who must interrupt enrollment must re-apply to the Dental Hygiene Program and, if accepted, placement will be determined after previous course work has been evaluated by the Program Director. The evaluation may result in repeating a course previously completed successfully for continuity of skill acquisition and/or professional knowledge. Dental

Hygiene courses more than two years old must be repeated. Students who fail a Dental Hygiene clinical course must repeat both the clinical course and the concurrent lecture course.

Please note that admission to Dental Hygiene is competitive and is based on the academic qualifications of the current applicant pool.

4. To progress successfully through the curriculum and function as a practicing dental hygienist after graduation, the individual must have:
   a. Visual acuity with or without corrective lenses to read an instrument calibrated in mm and to detect subtle dental stains;
   b. Hearing with or without auditory aids to measure blood pressure using an aneroid sphygmomanometer and to obtain a medical/dental history by interview;
   c. Physical ability to operate equipment (unit, stool, x-ray machine, etc.);
   d. Manual dexterity to perform the fine motor functions associated with intra-oral

Recommended Pre-Requisite Courses for Career Associate of Science Degree Program

Code	Title	Semester Hours
Courses required for program admission:		
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional	4
or BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	
MATH 1111	College Algebra	3
CHEM 1151K	Survey of Chemistry I [1]	4
or BIOL 2211K	Introduction to Microbiology	
Required courses that may be taken before or after program admission:		
BIOL 2211K	Introduction to Microbiology [1]	4
or CHEM 1151K	Survey of Chemistry I	
ENGL 1101	English Composition I	3
COMM 1000	Cultural Diversity in Communication	2
ARTS 1100	Art Appreciation (OR MUSC 1100 OR THEA 1100) [2]	3
PSYC 1101	General Psychology	3
POLS 1101	American Government	3
SOCI 1101	Introduction to Sociology	3
Program courses required after admission to the program:		
DHYG 1101	Orofacial Anatomy	4
DHYG 1121	Dental Hygiene Lecture I	3
DHYG 1131	Dental Hygiene Clinic I	2
DHYG 1110	Nutrition	1
DHYG 1114	Radiology	3
DHYG 1122	Dental Hygiene Lecture II	2
DHYG 1132	Dental Hygiene Clinic II	3
DHYG 2100	Periodontics	2
DHYG 1133	Dental Hygiene Clinic III	2
DHYG 2550	Dental Specialties & Materials	2
DHYG 2150	Pharmacology	2
DHYG 2210	Dental Hygiene Lecture IV	1
DHYG 2310	Dental Hygiene Clinic IV	4
DHYG 2250	General and Oral Pathology	3
DHYG 2220	Dental Hygiene Lecture V	1
DHYG 2320	Dental Hygiene Clinic V	4
DHYG 2400	Community Dental Health	4
Total Semester Hours		75

[1] Either CHEM 1151K or BIOL 2211K must be taken prior to admission to the program. The other course may be taken after admission to the program.

[2] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

Course	Title	Semester Hours
Freshman Year		
Fall		
BIOL 1100K or BIOL 2411K ***and*** BIOL 2412K	Human Anatomy and Physiology for the Health Care Professional or Human Anatomy and Physiology I ***and*** Human Anatomy and Physiology II	4
MATH 1111	College Algebra	3
CHEM 1151K or BIOL 2211K	Survey of Chemistry I or Introduction to Microbiology	4
	Semester Hours	11
Sophomore Year		
Fall		
BIOL 2211K or CHEM 1151K	Introduction to Microbiology or Survey of Chemistry I	4
DHYG 1101	Orofacial Anatomy	4
DHYG 1121	Dental Hygiene Lecture I	3
DHYG 1131	Dental Hygiene Clinic I	2
ENGL 1101	English Composition I	3
	Semester Hours	16
Spring		
DHYG 1110	Nutrition	1
DHYG 1114	Radiology	3
DHYG 1122	Dental Hygiene Lecture II	2
DHYG 1132	Dental Hygiene Clinic II	3
DHYG 2100	Periodontics	2
COMM 1000	Cultural Diversity in Communication	2
	Semester Hours	13
Summer		
DHYG 1133	Dental Hygiene Clinic III	2
DHYG 2550	Dental Specialties & Materials	2
Humanities requirement		3
MUSC 1100	Music Appreciation	
ARTS 1100	Art Appreciation	

THEA 1100	Theater Appreciation	
	Semester Hours	7
Junior Year		
Fall		
DHYG 2150	Pharmacology	2
DHYG 2210	Dental Hygiene Lecture IV	1
DHYG 2310	Dental Hygiene Clinic IV	4
DHYG 2250	General and Oral Pathology	3
PSYC 1101	General Psychology	3
	Semester Hours	13
Spring		
DHYG 2220	Dental Hygiene Lecture V	1
DHYG 2320	Dental Hygiene Clinic V	4
DHYG 2400	Community Dental Health	4
POLS 1101	American Government	3
SOCI 1101	Introduction to Sociology	3
	Semester Hours	15
	Total Semester Hours	75

PLEASE NOTE:

College, Algebra, Anatomy & Physiology and **EITHER** survey of Chemistry **I OR** Essentials of Microbiology must be taken prior to acceptance into the program. **Both** courses are required for program completion. Courses without the DHYG prefix **MAY** be taken prior to acceptance into the program.

Depending on your enrollment status, you may be required to take ASU 1101**, "First Year Experience."**

DHYG 111. Dental Anatomy. (3 Credits)

DHYG 1101. Orofacial Anatomy. (4 Credits)
A study of the anatomical sciences of the orofacial region to include oral histology and embryology; head and neck anatomy, and dental anatomy. Prerequisite: Admission into Dental Hygiene Program. Corequisites: DHYG 1121, DHYG 1131. Offered: Fall. Credits: 4.00 Credit Hours (4.00 Lecture - 0.00 Lab).

DHYG 1110. Nutrition. (1 Credit)
An overview of the major nutrient classifications, functions, sources and deficiencies. Emphasis on the well-balanced diet for maintenance of health. Prerequisites: CHEM 1151K, DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisities: DHYG 1114, DHYG 1122, DHYG 1132, DHYG 2100. Offered: Spring. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

DHYG 1114. Radiology. (3 Credits)
Basic principles of roentgenographic techniques including exposing, processing, mounting and charting radiographs. Anatomical landmarks for interpretation and safety precautions for the patient and operator. Prerequisites: DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1110, DHYG 1122, DHYG 1132, DHYG 2100. Offered: Spring. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DHYG 1121. Dental Hygiene Lecture I. (3 Credits)
An introduction to fundamental concepts relating to the profession of dentistry, including terminology, history and organization. A study of asepsis, patient assessment, deposits and preventive services. Prerequisites: Admission into the Dental Hygiene program. Corequisites: DHYG 1101, DHYG 1131. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DHYG 1122. Dental Hygiene Lecture II. (2 Credits)
A continued study of patient management and education, and also dental hygiene treatment. Prerequisites: DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1110, DHYG 1114, DHYG 1132, DHYG 2100. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DHYG 1131. Dental Hygiene Clinic I. (2 Credits)
An introduction to specific tasks required for delivery of dental hygiene services; infection control, patient assessment, scaling, and polishing and fluoride application procedures. Students acquire competencies through manikin and peer experiences under continuous supervision by clinical faculty. Prerequisites: Admission into Dental Hygiene program. Corequisites: DHYG 1121, DHYG 1101. Offered: Fall Credits: 2.00 Credit Hours (0.00 Lecture - 6.00 Lab).

DHYG 1132. Dental Hygiene Clinic II. (3 Credits)
A continuation of DHYG 1131 with the addition of sharpening, plaque control instruction, and power scaling instrument. When safe techniques have been mastered, students deliver dental hygiene care to adult and child patients. An introduction to nutritional counseling. Prerequisites: DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1122, DHYG 1114, DHYG 1110, DHYG 2100. Offered: Spring. Credits: 3.00 Credit Hours (0.00 Lecture - 9.00 Lab).

DHYG 1133. Dental Hygiene Clinic III. (2 Credits)
A continuation of DHYG 1132 with the addition of radiographs and dietary counseling. Instruction will also be provided in the manipulation of dental materials and advanced periodontal instrumentation. Students will visit a limited number of dental specialty offices. Prerequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132, DHYG 2100 with grades of C or better. Corequisites: DHYG 2550. Offered: Summer. Credits: 2.00 Credit Hours (0.00 Lecture - 6.00 Lab).

DHYG 2100. Periodontics. (2 Credits)
Principles of periodontology, etiology, and classification of periodontal disease with emphasis on prevention, scope of responsibility of the dental hygienist and treatment planning. Prerequisites: BIOL 2115K, DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DHYG 2150. Pharmacology. (2 Credits)
Drugs, their properties, dosage, method of administration and therapeutic use with attention given to those drugs most commonly used in dentistry. Prerequisites: BIOL 2115K, DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2210, DHYG 2250, DHYG 2310. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DHYG 2210. Dental Hygiene Lecture IV. (1 Credit)
A seminar course with emphasis on special needs patients and advanced periodontal patients. Prerequisites: DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2150, DHYG 2250, DHYG 2310. Offered: Fall. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

DHYG 2220. Dental Hygiene Lecture V. (1 Credit)
A seminar course with emphasis on jurisprudence and office management for the dental hygienist. Prerequisites: DHYG 2150, DHYG 2210, DHYG 2250, DHYG 2310 with grades of C or better. Corequisites: DHYG 2320, DHYG 2400. Offered: Spring. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

DHYG 2250. General and Oral Pathology. (3 Credits)
Basic principles, causes and underlying mechanisms of disease phenomena with special emphasis on the oral cavity. Prerequisites: DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2210, DHYG 2310, DHYG 2150. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DHYG 2310. Dental Hygiene Clinic IV. (4 Credits)
A continuation of DHYG 1133 with the addition of study models, sealants, advanced periodontal patients and oral irrigation. Prerequisites: DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2250, DHYG 2210, DHYG 2150. Offered: Fall. Credits: 4.00 Credit Hours (0.00 Lecture - 12.00 Lab).

DHYG 2320. Dental Hygiene Clinic V. (4 Credits)
A continuation of DHYG 2310. Prerequisites: DHYG 2150, DHYG 2210, DHYG 2250, DHYG 2310 with grades of C or better. Corequisites: DHYG 2220, DHYG 2400. Offered: Spring. Credits: 4.00 Credit Hours (0.00 Lecture - 12.00 Lab).

DHYG 2400. Community Dental Health. (4 Credits)
Principles of public health dentistry, educational concepts and strategies in dental health education. Emphasis on assessment of dental needs, developing and evaluating programs, and epidemiology and research. Prerequisites: DHYG 2150, DHYG 2210, DHYG 2250, DHYG 2310 and COMM 1000 with grades of C or better. Corequisites: DHYG 2220, DHYG 2320. Offered: Spring. Credits: 4.00 Credit Hours (3.00 Lecture - 3.00 Lab).

DHYG 2550. Dental Specialties & Materials. (2 Credits)
Introduction to the specialty areas of dental practice. A study of dental materials used in a general practice office. Prerequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132, DHYG 2100 with grades of C or better. Corequisites: DHYG 1133. Offered: Summer. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

Diagnostic Medical Sonography, Career Associate of Science

Associate of Science Career-Degree Programs

The Career Associate of Science degree in Diagnostic Medical Sonography at Albany State University is a general concentration program. The sequence of courses are designed to prepare students as entry-level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. The program will prepare students to obtain positions in ultrasound departments and related businesses and facilities as well as provide guidance in pursuing educational opportunities that maximize professional potential. The program will prepare students for the certification examinations, appropriate for a general concentration program, offered by the American Registry for Diagnostic Medical Sonography (ARDMS).

Accreditation

Date of Initial Accreditation: March, 2017

Accreditation Cycle: March, 2017 – March, 2022

The Diagnostic Medical Sonography program in the Darton College of Health Professions at Albany State University is accredited by the:

Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS)

6021 University Boulevard, Suite 500

Ellicott City, MD 21043

Telephone: (443) 973-3251

Website: http://jrcdms.org/index.htm

The JRC-DMS sets forth standards to guide the program towards high levels of quality education and patient safety. The JRC-DMS and the Commission on Accreditation of Allied Health Education Programs' (CAAHEP) Board of Directors recognizes the program's substantial compliance with the nationally established accreditation standards.

Legal Limitations

Individuals who have a criminal record may not be eligible for licensure. Therefore, it is recommended that he or she contact the American Registry for Diagnostic Medical Sonography (ARDMS) to verify eligibility for licensure. All students will be required to complete a national criminal background check prior to placement in clinical practicums. Clinical facilities also require a drug screen prior to placement. The clinical affiliate determines whether a student can participate in the clinical rotation based upon the results of the background check and drug screen. Should the student be denied clinical placement, he or she cannot progress through the program and will be dismissed. Careful consideration of any questionable record should be carefully scrutinized prior to application, as eligibility for licensure is at the discretion of the ARDMS.

ARDMS website: www.ardms.org (http://www.ardms.org)

Clinical Obligations and Acceptance

If accepted, students will have a clinical component of the program to complete. Clinical placement is equally distributed among students. Although the majority of the clinical component is carried out during day time hours, less than 25% of the total clinical assignments will be during evening and/or weekend hours. Program clinical locations are mainly located outside the city limits, and all expenses associated with travel are the student's responsibility. Additionally, clinical affiliates require drug screens (initial and random), criminal background checks, periodic tuberculosis skin tests and specific vaccinations. If the student is placed in a facility requiring any/all of these items, the cost will be the student's responsibility. Documentation of all immunizations and vaccinations will be collected prior to the start of clinical observations. Failure to provide this documentation will prevent the student from being allowed to attend clinical settings. These absences will be unexcused and may lead to the student's dismissal from the program.

Re-admission of Returning Students

If a final grade of lower than a "C" (below 75%) is made in any DMSP courses, the student will be dismissed from the program, however, the student may apply for re-admission to the program in the fall and re-enter

the program beginning with the first course offered (DMSP 1100), if the space is available. Availability is based on the number of clinical sites.

If the student makes a final grade of lower than a "C" in the same DMSP course or another DMSP course after re-entering the program, the student will then be permanently dismissed from the program, without the option for re-admission.

Application Deadline

Completed application forms must be RECEIVED NO LATER THAN JUNE 1, of each year. The application is completed only when all the information requested is received. Students are responsible for making sure their application is complete.

Procedures and Requirements for Admission into the DMS Program

To be considered for admission into the Diagnostic Medical Sonography (DMS) program, the applicant must:

1. **Be admitted to Albany State University**
   - You may apply on-line at https://www.asurams.edu/admissions/how-to-apply/
   - Please do not send the ASU application or $20 fee to the DMS Program. The two application processes are separate, no additional fee is required when submitting the DMS Program application.
2. **Submit the completed DMS application by the June 1 deadline**
   The student must complete a Diagnostic Medical Sonography application by the June 1 deadline for fall admission. It is the responsibility of the applicant to ensure all application material has been completed by utilizing the checklist at the end of the application.
   - Must include an **Observational Hours Form** verifying a minimum of 30 observational hours in a Diagnostic Medical Sonography setting (located in application packet).
   - Must include at least one **Recommendation Form** (located in application packet).
   - Must include copies of all transcripts from previous colleges/universities or technical schools.
   - Must include documentation of previous work experience in an allied health field and any previous certificates or degrees (if applicable).
3. **Must ensure the applicant meets the following minimum requirements**
   a. Must complete a minimum of 30 observational hours of experience in one or more Diagnostic Medical Sonography settings. This **excludes** 3D/4D ultrasound facilities.
      - The hours must be documented and verified/signed by the Sonographer observing.
      - An **Observational Hours Form** is located within the application packet.

   b. At least one recommendation form must be completed by the Sonographer observing. The required **Recommendation Form** is located within the application packet and may be photocopied for additional recommendations.

   c. A minimum cumulative grade point average (GPA) (all previous coursework attempted) of 2.5 is required. Pre-requisite courses must be completed prior to the start of the program with a grade of "C" or better.

Please send Application & Document Submission to:

Health Sciences Division — ASU West Campus
Diagnostic Medical Sonography Program
Attention: Application Coordinator
2400 Gillionville Rd.
Albany, GA 31707-3098

DMS Program Telephone: 229-500-2235.
Health Sciences office is located in building J, Office 210
Health Sciences Telephone: 229-500-2239

Selection Process

After the June 1 deadline, the DMS Selection Committee reviews and scores each application. Applications will be processed and **all** applicants will be contacted via email no later than June 15. The top 20 applicants will be sent an invitation via email for a personal interview. Scoring is based on the following criteria:

- prerequisite course completion,
- prerequisite and cumulative GPA,
- the number of hours observed in one or more diagnostic medical sonography settings,
- previous health care experience or a degree/certificate in an allied health field,
- the personal interview, and
- appropriate recommendations received.

After completion of interviews, the top 14 applicants will be selected. Correspondence of acceptance or regret will be made through email and should be received no later than July 12. Selected students must confirm their intent to enroll in writing (via e-mail) within 10 days of their acceptance e-mail. A student that fails to respond in the appropriate time will forfeit their position. The Darton College of Health Professions DMS program does not utilize a waiting list and those denied acceptance must reapply the following year.

Consideration and additional points may be given to those students whom have:

1. Provided documentation of a degree in a Health Science Field, Science or Biology.
2. Provided documentation of a certificate in a health care area that is directly related to patient care.
3. Provided documentation of work experience in a health care environment that is directly related to patient care. Documentation of work experience:
   A. Must be on company letter head and signed by immediate supervisor.
   B. A minimum of 6 months' work experience.
   C. Provide a description of job duties that demonstrate hands on patient experience.
4. Completed all DMS pre-requisite and core course work.

Recommended Courses for Career Associate of Science Degree Programs

Code	Title	Semester Hours
DMS General Education Courses (must be completed prior to start of program)		
ENGL 1101	English Composition I	3
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional	4
or BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	
MATH 1111	College Algebra	3
PHSC 1011K	Physical Science I	4
or PHYS 1111K	Introductory Physics I	
DMS General Education Courses (may be completed prior to start of program OR during)		
MATH 2411	Introduction to Statistics	3
PSYC 1101	General Psychology	3
BUSA 2101	Survey of Computer Applications	3
POLS 1101	American Government	3
ALHE 1120	Medical Terminology	2
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see link in footnote) [1]		3
DMS Program Coursework		
DMSP 1100	Physics of Ultrasound	3
DMSP 1101	Introduction to Diagnostic Medical Sonography	2
DMSP 1102	Abdomen Ultrasound I	3
DMSP 1105	Clinical Observations	2
DMSP 1106	Obstetrics and Gynecological Ultrasound I	3
DMSP 1107	Physics of Ultrasound II	3
DMSP 2111	Abdomen Ultrasound II	3
DMSP 2112	Obstetrics and Gynecological Ultrasound II	3
DMSP 2113	Clinical Obersvation and Practicum I	3
DMSP 2200	Superficial Structures and Pediatric Ultrasound	3
DMSP 2201	Clinical Observation and Practicum II	3
DMSP 2205	Physics in Review	1
DMSP 2202	Introduction to Vascular Ultrasound	3
DMSP 2203	Ultrasound in Review	3
DMSP 2204	Clinical Observations and Practicum III	3
Total Semester Hours		72

[1] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience."

DMSP 1100. Physics of Ultrasound. (3 Credits)
This course defines the basic principles of ultrasound physics and introduces the student to their practical use in diagnostic ultrasound. Topics of discussion will include the definition of sound, propagation of sound in tissue, axial and lateral resolution, transducers, sound beams, display modes, and two-dimensional imaging. Prerequisites: Admission to the Diagnostic Medical Sonography program. Corequisite: DMSP 1101. Offered: Fall, first year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 1101. Introduction to Diagnostic Medical Sonography. (2 Credits)
This course is designed to introduce the student to the basic principles of Ultrasound. Professionalism, functions, and desirable attributes of a sonographer will be discussed along with patient care principles and techniques. The course presents the language of sonographers, educational opportunities for the occupation and introduces cross-sectional anatomy. Prerequisites: Admission into the Diagnostic Medical Sonography program. Corequisite: DMSP 1100. Offered: Fall, first year. Credits: 2.00 Credit Hours (1.00 Lecture - 3.00 Lab).

DMSP 1102. Abdomen Ultrasound I. (3 Credits)
This course is designed to introduce the ultrasound student to normal appearing abdominal anatomy, including organs, cavities, structures and vasculature. The sonographic appearance of normal anatomic structures, including anatomic variants and normal Doppler patterns will also be discussed. We will discuss emergent ultrasound procedures and interventional ultrasound procedures. The student develops the skills necessary to perform basic diagnostic ultrasound studies for presentation to the physician and/or radiologist for interpretation. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1105, DMSP 1106, DMSP 1107. Offered: Spring, first year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 1103. Obstetrical Ultrasound I. (3 Credits)
This course presents fetal development from conception through the third trimester. First to third trimester of normal fetal anatomy and sonographic appearance. Laboratory test pertaining to the fetus and mother. Ultrasound protocols for scanning the first to third trimester fetus. Fetal lie in the uterus as viewed by ultrasound as well as normal fetal environment. Prerequisite: Completion of all previous semesters of DMSP courses with a grade of "C" or better. Corequisites: DMSP 1102, DMSP 1104, DMSP 1105. Offered: Spring, first year.

DMSP 1104. Pelvic Ultrasound. (3 Credits)
This course will explore the normal sonographic measurements, appearance and cross sectional anatomy of the non-gravid female and male pelvis. The musculature and surrounding vessels will be discussed along with all normal Doppler findings. It will include all the hormonal changes that effect the reproductive cycle as well as laboratory values associated with normal and abnormal female health. A comprehensive sonographic evaluation of abnormalities pertaining to all female and male pelvic anatomy will be investigated. Prerequisite: A grade of "C" or better in all previous semester's DMSP course work. Corequisites: DMSP 1102, DMSP 1103, DMSP 1105. Offered: Spring, first year.

DMSP 1105. Clinical Observations. (2 Credits)
This course is an initial introduction to the clinical environment. It allows the student to familiarize themselves with the operational process and exam protocols of the ultrasound department at their respected clinical affiliate. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1102, DMSP 1106, DMSP 1107. Offered: Spring, first year. Credits: 2.00 Credit Hours (0.00 Lecture - 16.00 Lab).

DMSP 1106. Obstetrics and Gynecological Ultrasound I. (3 Credits)
This course is designed to provide the student with an introduction to the accurate assessment and performance of obstetric and gynecologic ultrasound. Normal anatomy of the female pelvis and normal fetal development from conception through the third trimester will be discussed. Pathologic conditions of the female pelvis will be discussed along with hormonal changes that affect the reproductive cycle and laboratory values associated with normal and abnormal findings. Sonographic appearances and standard protocols of the female pelvis and normal fetus will be examined along with first trimester complications. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1102, DMSP 1105, DMSP 1107. Offered: Spring, first year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 1107. Physics of Ultrasound II. (3 Credits)
This course is a continuation of DMSP 1100. We will continue to discuss ultrasound physics and its use in the clinical environment. Doppler principles, hemodynamics, ultrasound safety and bio-effects will be discussed along with pulsed echo instrumentation. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1102, 1105 and 1106. Offered: Spring, first year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2111. Abdomen Ultrasound II. (3 Credits)
This course is designed to introduce the ultrasound student to the abnormal sonographic and Doppler patterns of disease processes, pathology and pathophysiology of abdominal organs. Normal and abnormal lab values will also be discussed. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2112, DMSP 2113. Offered: Summer. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 2112. Obstetrics and Gynecological Ultrasound II. (3 Credits)
This course presents fetal abnormalities from the first trimester through the third trimester as well as the role of sonographers in performing interventional/invasive procedures. Multiple gestations, amniotic fluid index, congenital/genetic anomalies, viability, fetal monitoring, maternal factors, fetal therapy and the post-partum mother will also be discussed. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2111, DMSP 2113. Offered: Summer. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2113. Clinical Obersvation and Practicum I. (3 Credits)
This is an expansion of the clinical observations course, DMSP 1105. Students will begin their hands-on experience by entering patient data, recording patient history, selecting the appropriate transducer for the exam, positioning the patient for the exam and practicing the art of scanning. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2111, DMSP 2112. Offered: Summer. Credits: 3.00 Credit Hours (0.00 Lecture - 24.00 Lab).

DMSP 2116. Clinical Observation/Prac II. (2 Credits)
This is an expansion of DMSP 2113 with increasing responsibilities of the student sonographer. This course allows student observation and participation in the clinical setting with hands-on experience with patients and equipment. Prerequisite: DMSP 2113. Corequisites: DMSP 2114, DMSP 2115. Offered: Fall, second year.

DMSP 2117. Ultrasound in Review. (3 Credits)
This is a comprehensive review course for all previous DMSP courses to prepare the student for the ultrasound registry. It will also review any trouble areas a student may be experiencing. Prerequisite: Completion of all previous semester's DMSP courses with a grade of "C" or better. Corequisites: DMSP 2118, DMSP 2120. Offered: Spring, second year.

DMSP 2118. Clin Observations/PracIII. (2 Credits)
An expansion of DMSP 2116; this course allows students to gain confidence in their skills and the knowledge gained throughout the DMS program. Prerequisites: DMSP 2116. Corequisites: DMSP 2112, DMSP 2117. Offered: Spring, second year.

DMSP 2120. Vascular Ultrasound. (3 Credits)
This course is designed to provide the student with a basic introduction to the assesment of flow regarding the vascular system using ultrasound. The student develops the skills necessary to perform basic diagnostic ultrasound studies for presentation to the physician. The student 1) will review the physics of Doppler ultrasounds; 2) becomes familiar with and is able to perform all abdominal Doppler exams, including transplant organs and intraoperative guidance; 3) becomes familiar with other exams such as peripheral vascular studies. Prerequisite: DMSP 2115. Corequisites: DMSP 2117, DMSP 2118. Offered: Spring, second year.

DMSP 2200. Superficial Structures and Pediatric Ultrasound. (3 Credits)
This course is designed to provide the student with an introduction to the assessment of superficial structures, neonatal brain, and pediatric ultrasound. The sonographic appearance of related pathology and their processes will be examined. Normal and abnormal lab values will be discussed as well as normal and abnormal Doppler signals of various organs. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2201, DMSP 2205. Offered: Fall, second year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 2201. Clinical Observation and Practicum II. (3 Credits)
This is an expansion of DMSP 2113 with increasing responsibilities of the student sonographer. This course allows student observation and participation in the clinical setting with hands-on experience with patients and equipment. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2200, DMSP 2205. Offered: Fall, second year. Credits: 3.00 Credit Hours (0.00 Lecture - 24.00 Lab).

DMSP 2202. Introduction to Vascular Ultrasound. (3 Credits)
This course is designed to provide the student with a basic introduction to the assessment of the vascular system. The student develops the skills necessary to perform basic diagnostic ultrasound studies for presentation to the physician. The student will review the physics of Doppler ultrasound, become familiar with and perform all abdominal Doppler exams, including, but not limited to, transplant organs and intraoperative guidance, and become familiar with peripheral vascular studies. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2203, DMSP 2204. Offered: Spring, second year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 2203. Ultrasound in Review. (3 Credits)
This is a comprehensive review course to prepare the student for taking the ultrasound examinations appropriate for the general learning concentration through the American Registry for Diagnostic Medical Sonography (ARDMS). The course will also prepare students and provide guidance for obtaining employment in the field of Diagnostic Medical Sonography. Prerequisite: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2202, DMSP 2204. Offered: Spring, second year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2204. Clinical Observations and Practicum III. (3 Credits)
This is a comprehensive review course to prepare the student for taking the ultrasound examinations appropriate for the general learning concentration through the American Registry for Diagnostic Medical Sonography (ARDMS). The course will also prepare students and provide guidance for obtaining employment in the field of Diagnostic Medical Sonography. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2202, DMSP 2204. Offered: Spring, second year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2205. Physics in Review. (1 Credit)
This course is a comprehensive review course designed to prepare the student for the Sonographic Principles and Instrumentation (SPI) exam offered through the American Registry of Diagnostic Medical Sonographers (ARDMS). Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2200, 2201. Offered: Fall, second year. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

Emergency Medical Services Program

The Emergency Medical Services Program is designed to provide instruction at the certificate and associate degree level for the EMS professional. The program is based on the National EMS Education Standard for the EMT, Advanced EMT and Paramedic. Upon successful completion of the selected program, the student will be eligible to take the National Registry certification exam. After passing the National Registry certification exam, the candidate will then be eligible to apply with the Office of EMS & Trauma for licensure. Upon licensure, the EMS professional is allowed to perform life-saving skills under medical direction as defined by his/her scope of practice.

ALL students, irrespective of track, must be admitted to ASU before applying to the EMS Program. Students must also take the University System of Georgia Accuplacer Test or an equivalent.

Additional Requirements

1. Complete the EMS Application Packet
2. Copy of Driver's license
3. Copy of high school diploma or GED high school equivalency certificate
4. Letter of recommendation (optional, but may be taken into consideration during the selection process) i.e. Fire Chief, Supervisor, EMS Director, Paramedic, or other healthcare professional
5. Verification of EMS licensure. (Paramedic and AEMT candidates)
6. Evaluation on an individual basis by the EMS faculty
7. To comply with the requirements of clinical facilities, the Health Sciences Division requires students to submit a completed immunization and TB screening form. This form must be completed before classes begin. Flu shots must be deferred until October.
8. All Health Science students are required to have personal health insurance in order to participate in clinical practicums.

An EMT, AEMT, or Paramedic, is a caregiver with the responsibility of providing life supporting assessments and interventions. Implied in this caregiving role are essential job junctions that require the EMS Professional to demonstrate certain cognitive (knowledge), psychomotor (skill), and affective (behavior) mastery.

To satisfactorily complete all levels of certification, the student must have developed the necessary skills to become an entry level practitioner according to his/her level of training. The examples below are not all inclusive and additional disabilities that prove to prevent the performance of essential job functions may be considered on a case by case basis.

- **Visual Acuity** (with/without corrective vision) – Having the visual capacity to identify life-threatening signs of physical distress through objective patient assessment, identify details of a patient's medications, and with accuracy draw solutions into a syringe when required.
- **Auditory Acuity** (with/without aids) – Having the auditory capacity to accurately obtain a subjective medical history and to complete a patient assessment using an aneroid sphygmomanometer, stethoscope, and other equipment as necessary to detect sounds including but not limited to breath and bowel.
- **Physical Ability** – Having the physical capacity to safely lift patients and equipment weighting at least 180lbs. with a partner, and have the stamina to perform cardiopulmonary resuscitation.
- **Speaking Ability** – Having the capacity to acquire a medical history and other details regarding the subjective assessment from the patient, family members, and/or bystanders and communicate those findings in various manners to coordinate patient care.
- **Manual Dexterity** – Having the capacity to perform intravenous catheterization, fill syringes, and perform other task(s) often associated with effective hand-eye coordination.
- **Mental Stress** – Having the capacity to perform without hesitation and with coordinated control, the skills of an EMT during times of mental stress, display principles of patient care consistent with the community standard, and respond positively to correct and modify behavior as required.

Additional Costs and Fees

1. Professional liability insurance is required prior to clinical assignment. Fees are assessed as part of the student's tuition and fees.
2. The student must assume responsibility for his/her own health in the event of an illness, an accident, or exposure to communicable disease. Associated expenses will be the responsibility of the student.
3. Students are required to have approved uniforms and equipment as described in the program handbook. Associated expenses are not assessed in advance and will be the responsibility of the student.
4. Students are required to have received all necessary immunizations as listed in the program handbook. Associated expenses are not assessed in advance and will be the responsibility of the student.
5. Each student will be held accountable for participating in the required Life Support courses. Fees are assessed as part of the student's tuition and fees for the appropriate semester.

6. Students are required to take a comprehensive self-assessment exam prior to graduation. Fees are assessed in the graduating semester as part of the student's tuition and fees.
7. Upon completion of the required curriculum, those students with a minimum of 2.0 will be eligible to take the NREMT cognitive and practical examinations. Upon releasing the student for the registry examination, it is expected that the student will complete the exam process within 30 days. Fees associated with the National Registry psychomotor and cognitive examination (first attempt only) will be assessed during the appropriate semester. The student will be responsible for National Registry practical examination site fees.

Required Courses for Paramedic Certificate Program

The Paramedic is a Health Science professional whose primary focus is to provide advanced emergency medical care for ill and injured patients. The Paramedic's scope of practice includes invasive and pharmacological interventions to reduce the morbidity and mortality associated with acute out-of-hospital medical and traumatic emergencies. Paramedic education represents the highest level of out-of-hospital care. Graduates of the Paramedic Certificate Program are encouraged to take the additional prescribed college courses in order to complete the Associate of Science degree in Emergency Medical Services.

Course	Title	Semester Hours
Freshman Year		
Fall		
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional (General education requirement for program)	4
ALHE 1110	EMS Systems and Operations	3
EMTP 1111	Essentials of EMS (A Term)	2
EMTP 1112	Psychiatric Emergencies (B Term)	2
EMTP 1113	Pharmacology	4
EMTP 1117	Respiratory for the Paramedic	2
EMTP 1134	Special Populations	3
EMTP 1126	Cardiovascular Emergencies for the Paramedic I	2
EMTP 1109	Paramedic Practicum I	2
	Semester Hours	24
Spring		
EMTP 1102	Trauma for the Paramedic	3
EMTP 1132	Pathophysiology for the Paramedic	2
EMTP 1104	Medical Emergencies for the Paramedic	5
EMTP 1127	Cardiovascular Emergencies for the Paramedic II	3
EMTP 1120	Paramedic Practicum II	2
	Semester Hours	15
Summer		
EMTP 1125	Summative Evaluation for the Paramedic	2
EMTP 1133	Paramedic Practicum III	2
	Semester Hours	4
	Total Semester Hours	43

Required Courses for EMT and AEMT Certificate Program

The ASU EMS Program also offers the Emergency Medical Technician (EMT) and Advanced Emergency Medical Technician (AEMT) Program during the day as a part-time as well as a full-time course. The class sequences are as follows:

Part-time AEMT Curriculum

Code	Title	Semester Hours
First Term		
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional	4
ALHE 1110	EMS Systems and Operations	3
ALHE 1025	Trauma for the AEMT	3
ALHE 1023	AEMT Practicum I	1
Second Term		
ALHE 1036	Medical Emergencies for the AEMT	3
ALHE 1039	Essential Skills for the AEMT	3
ALHE 1029	AEMT Practicum II [1]	1
Third Term		
ALHE 1032	Advanced Life Support for the AEMT	3
ALHE 1034	AEMT Practicum III [2]	1
Total Semester Hours		22

1 NREMT Boards for EMT are taken after successful completion of these courses.

2 NREMT Boards for AEMT are taken after successful completion of these courses.

Full-time AEMT Curriculum

Code	Title	Semester Hours
First Term		
ALHE 1110	EMS Systems and Operations	3
ALHE 1025	Trauma for the AEMT	3
ALHE 1036	Medical Emergencies for the AEMT	3
ALHE 1039	Essential Skills for the AEMT	3
ALHE 1023	AEMT Practicum I	1
ALHE 1029	AEMT Practicum II [1]	1
A-Term or Summer		
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional	4
ALHE 1032	Advanced Life Support for the AEMT	3
ALHE 1034	AEMT Practicum III [2]	1
Total Semester Hours		22

1 NREMT Boards for EMT are taken after successful completion of these courses.

2 NREMT Boards for AEMT are taken after successful completion of these courses.

Required Courses for Emergency Medical Services Career Associate Degree

The Paramedic is a Health Science professional whose primary focus is to provide advanced emergency medical care for ill and injured patients. The Paramedic's scope of practice includes invasive and pharmacological interventions to reduce the morbidity and mortality associated with acute out-of-hospital medical and traumatic emergencies. Paramedic education represents the highest level of out-of-hospital care. Graduates of the Paramedic Certificate Program are encouraged to take the additional prescribed college courses in order to complete the Associate of Science degree in Emergency Medical Services.

Course	Title	Semester Hours
Freshman Year		
Fall		
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional (General education requirement for program)	4
ALHE 1110	EMS Systems and Operations	3
EMTP 1111	Essentials of EMS (A Term)	2
EMTP 1112	Psychiatric Emergencies (B Term)	2
EMTP 1113	Pharmacology	4
EMTP 1117	Respiratory for the Paramedic	2
EMTP 1134	Special Populations	3
EMTP 1126	Cardiovascular Emergencies for the Paramedic I	2
EMTP 1109	Paramedic Practicum I	2
	Semester Hours	24
Spring		
EMTP 1102	Trauma for the Paramedic	3
EMTP 1132	Pathophysiology for the Paramedic	2
EMTP 1104	Medical Emergencies for the Paramedic	5
EMTP 1127	Cardiovascular Emergencies for the Paramedic II	3
EMTP 1120	Paramedic Practicum II	2
	Semester Hours	15
Summer		
EMTP 1125	Summative Evaluation for the Paramedic	2
EMTP 1133	Paramedic Practicum III	2
	Semester Hours	4
Sophomore Year		
Fall		
ENGL 1101	English Composition I	3
MATH 1111	College Algebra	3
BUSA 2101	Survey of Computer Applications	3
ARTS 1100	Art Appreciation [1]	3
	Semester Hours	12
Spring		
ENGL 1102	English Composition II	3
POLS 1101	American Government	3
PSYC 1101	General Psychology	3
	Semester Hours	9
	Total Semester Hours	64

[1] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience".

ALHE 1023. AEMT Practicum I. (1 Credit)
This course is the first of three practicums designed to provide the Advanced EMT student with the opportunity to perform a history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Prerequisite: Acceptance into the EMS program. Corequisites: None. Offered: On demand.

ALHE 1025. Trauma for the AEMT. (3 Credits)
This course includes material from the Trauma and Operations Modules of the current National EMS Education Standard. It is designed to provide the student with the fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for an acutely injured patient. Topics covered in this course are: Airway management, assessment and management of the trauma victim, bleeding, chest trauma, abdominal and genitourinary trauma, orthopedic trauma, soft tissue trauma, head, face, neck and spine trauma, nervous system trauma, special considerations in trauma, environmental emergencies and multisystem trauma, shock management, gaining access and vehicle extrication of the trauma victim, multiple casualty incident and International Trauma Life Support. Prerequisite: None. Corequisite: None. Offered: Spring and Summer.

ALHE 1029. AEMT Practicum II. (1 Credit)
This course is the second of three practicums designed to provide the Advanced EMT student with the opportunity to perform a history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of assessment findings, anatomy, physiology, pathophysiology and epidemiology. Relate assessment findings to improve patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief and improve the overall health of the patient in the clinical setting. Prerequisites: Successful completion of EMTP 1023, AEMT Practicum I. Corequisites: None. Offered: On demand.

ALHE 1032. Advanced Life Support for the AEMT. (3 Credits)
This course includes material from the current National EMS Education Standard to provide increased knowledge and skills in specific aspects of advanced life support. Topics covered in this course are: patient assessment, advanced airway management, pharmacology, respiratory and cardiovascular assessment and management, Advanced Cardiac Life Support for the AEMT, pathophysiology, shock/trauma, acid-base disturbances, obstetrics, neonatal care, pediatrics, geriatrics, patients with special challenges and pediatric life support. This course concludes with a comprehensive program review and preparation for the National Registry of EMT's exam. Prerequisites: EMTP 1025, EMTP 1036, EMTP 1039, EMTP 1110. Corequisite: None. Offered: On demand.

ALHE 1034. AEMT Practicum III. (1 Credit)
This course is the third of three practicums designed to provide the Advanced EMT student with the opportunity to perform a history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of assessment findings, anatomy, physiology, pathophysiology and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Effectively communicate in a manner that is culturally sensitive and intended to improve patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief and improve the overall health of the patient in the clinical setting. Prerequisite: Successful completion of EMTP 1029, AEMT Practicum I. Corequisite: EMTP 1032, Advanced Life Support for the AEMT. Offered: Summer.

ALHE 1036. Medical Emergencies for the AEMT. (3 Credits)
This course includes material from the Preparatory and Medical Modules of the current National EMS Education Standard. It is designed to provide the student with fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for an acutely ill patient. Topics covered in this course are: Airway management, respiration and artificial ventilation, patient assessment, neurology, abdominal and gastrointestinal disorders, immunology, infectious diseases, endocrine disorders, psychiatric emergencies, cardiovascular emergencies, toxicology, respiratory emergencies, hematology, genitourinary/renal disorders, gynecology, non-traumatic musculoskeletal disorders, and diseases of the eyes, ears, nose, and throat. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

ALHE 1039. Essential Skills for the AEMT. (3 Credits)
This course includes material from the Anatomy/Physiology, Pathophysiology and Pharmacology of the current National EMS Education Standard. It is designed to provide the student with the fundamental knowledge and foundational skills needed to provide advanced level care to the sick or injured patient. Topics covered in this course are: key components of cellular physiology and pathophysiology, patient assessment; gynecological and obstetrical emergencies; neonatal care; pediatrics; geriatrics; patients with special challenges; and toxicological emergencies. Prerequisite: None. Corequisites: None. Offered: Spring. Credits: 3 (Lecture 2; Lab 3)

ALHE 1104. Intro to Disease Conditions. (2 Credits)
The basic pathophysiology of common disease conditions will be examined. The effect of disease on each body system is studied with emphasis on etiology, diagnosis, prognosis, prevention, and Occupational Therapy therapeutic treatment indications and contraindications. The effects of pathology across the lifespan are presented. Learner In-depth research on a particular topic is required. Prerequisite: Admission into the OTA program. Corequisites: ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111. Offered: Fall.

ALHE 1110. EMS Systems and Operations. (3 Credits)

ALHE 1120. Medical Terminology. (2 Credits)
Medical terminology approached through roots, prefixes, and suffixes of medical terms. Definition and spelling of anatomical, diagnostic, symptomatic and operative medical terms are covered. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Fall, Spring, Summer.

ALHE 2050. Health Care Delivery System. (1 Credit)
Introduces students to the historical development, structure, operation, current and future directions of the major components of the American Healthcare Delivery system. It examines the ways in which the healthcare services are organized and delivered, the influences that impact healthcare public policy and factors that determine the allocation of healthcare resources. Prerequisites: READ 0099. Offered: Summer and on demand.

ALHE 2137. Fundamentals of Health Inf. Mg. (3 Credits)
This course introduces the student to the field of Health Information Management (HIM) and its role in healthcare delivery systems. Emphasis is placed on the health information management profession, hospital and medical staff organization, structure and content of medical records, quantitative and qualitative analysis, release of patient information, legal aspects of medical records, ethical issues in HIM, healthcare statistics, indexes and registers, electronic medical records, payment and reimbursement systems, and regulatory and accrediting agencies. Prerequisites: Acceptance in the Health Information Technology Program. Corequisites: None. Offered: On request.

EMTP 1000. EMT Basics. (6 Credits)
This course is the initial course for the certificaion of the emergency medical technician-basic level as defined by the U.S. Department of Transportation EMT-Basic National Standard curriculum. Along with successful completion of EMTP 1025, the student will be able to take the national Registry of EMT's certifying exam for the EMT-B level, which is the minimum level required to be employed with an ambulance service in the State of Georgia. Topics include: Introduction to Emergency Medical Care, the human body, airway evaluation and management, patient assessment, medical emergencies, pediatric and geriatric emergencies, ambulance operations, and CPR. This course also requires hospital emergency center and ambulance clinical rotations. Prerequisites: None. Corequisite: EMTP 1025. Offered: On demand.

EMTP 1021. Intro/Emergency Med Services. (6 Credits)
This course introduces the student to the emergency Medical Technician profession. This course covers information found in the U.S. Department of Transpotation Basic and Intermediate/85 curricula. Topics include: introduction to emergency care, EMS systems, well-being of the EMT, medical-legal aspects of emergency care, roles and responsibilities, medical terminology, blood and airborne pathogens, infectious diseases, ambulance and emergencyvehicle operations, the human body, patient assessment, communications and documentation, lifting and moving patients, gaining access, airway assessment and management, basic life support (CPR) and automatic external defibrillation. Corequisite: None. Prerequisite: None. Offered: Fall, Summer.

EMTP 1102. Trauma for the Paramedic. (3 Credits)
This course includes and expands upon the material from the Trauma Module of the National EMS Education Standards. The course contains units on trauma systems, mechanism of injury, soft tissue trauma, head and facial injuries, spinal trauma, thoracic and abdominal injuries, and musculoskeletal trauma. Also included are units on hypothermia, hyperthermia, drowning, diving emergencies, and high altitude illness from the environmental emergencies section of the Trauma Module. Patient assessment and management in an organized, timely fashion using the ITLS approach to trauma care is emphasized. Students must successfully complete the ITLS class at the end of the course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

EMTP 1104. Medical Emergencies for the Paramedic. (5 Credits)
This course includes material covered in the current National EMS Education Standard Medical Module as well as the material on patients with Special Challenges and Acute Interventions for Chronic Care from the Special Considerations Module. Other units covered are: anatomy and physiology of the nervous system, neurologic emergencies, endocrine emergencies, anaphylaxis, immune disorders, GI and GU emergencies, dialysis emergencies, toxicology including poisoning, substance abuse, and envenomation, alcoholism, infectious disease and hematologic emergencies. A four hour weekly supervised lab is included. Students must complete specified psychomotor skills and perform as a team leader and team member in formative and summative prehospital scenarios. Students must complete the Advanced Stroke Life Support Course during the class. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 5.00 Credit Hours (4.00 Lecture - 4.00 Lab).

EMTP 1108. IntrmAmbulance Op & Med Emerg. (4 Credits)
This course includes the material from the Medical Emergencies and EMS Operations section of the current National EMS Education Standard. It includes units on respiratory, cardiac, diabetic, allergic, poisoning and overdoses, neurological, abdominal, and environmental emergencies in the adult patient as well as the geriatric patient. In addition, EMTP 1108 includes basic information on ambulance operations. Students will practice safe vehicle operations, stretcher safety, patient movement, intermediate level patient assessment and management. Actual field application and clinical decision making will be required.Prerequisites: Limited to Fast-Track Paramedic students admitted to EMS Program. Corequisite: None. Offered: Fall.

EMTP 1109. Paramedic Practicum I. (2 Credits)
This course is the first of three practicums designed to provide the student with the opportunity to perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (0.00 Lecture - 9.00 Lab).

EMTP 1111. Essentials of EMS. (2 Credits)
This course includes material from the Preparatory and Assessment Modules of the current National EMS Education Standard. It is designed to provide the student with comprehensive knowledge patient assessment techniques. Topics covered in this course are: Therapeutic communications, history taking, and a body systems approach to the physical exam. Other topics included are: IV therapy, individual health risk assessment, and unique aspects of pediatric, geriatric, and psychiatric evaluation are discussed. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (1.00 Lecture - 3.00 Lab).

EMTP 1112. Psychiatric Emergencies. (2 Credits)
This course includes materials from the Medical Module of the current National EMS Education standard. Topics include mental health and illness, psychiatric terminology and medications, mental status examination, suicide and homicide assessment, substance abuse assessment, domestic violence, spouse and child abuse, rape, death and dying, interview techniques and effective listening and communication skills. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1113. Pharmacology. (4 Credits)
This course includes and expands upon the material from the Pharmacology and Venous Access and Medication Administration Sections of the National Emergency Medical Services Education Standards. It includes basic units on drug information, drug actions, weights and measures, and medication administration. It also includes advanced units on systemic pharmacology and therapeutics of drugs affecting the central and autonomic nervous systems, cardiovascular system, respiratory system, hematologic system, renal system, endocrine system, gastrointestinal system, and immune system. It concludes with a unit on the paramedic drug box contents, maintenance, and administration. This course includes a four hour weekly supervised lab. Students must complete specified psychomotor skills and perform as a team leader and team member in formative scenarios. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 4.00 Credit Hours (3.00 Lecture - 4.00 Lab).

EMTP 1115. OB/GYN/Neonatal Emrg/Paramedic. (2 Credits)
This course includes material from the Medical and Special Considerations Modules of the current National EMS Education Standards. It includes the following topics: anatomy and physiology of the female reproductive system, abdominal pain, vaginal bleeding, rape, physiology of pregnancy, fetology, normal and abnormal labor and delivery, and post-partum complications. The ITLS approach to trauma in pregnancy is emphasized. In addition, determination of the APGAR scoring and care of the high-risk neonate are included. A unit on resuscitation of the neonate concludes this course. Prerequisite: None. Corequisite: None. Offered: Summer.

EMTP 1117. Respiratory for the Paramedic. (2 Credits)
This course includes and expands on the material from the Airway Management, Respiration and Artificial Ventilation section and the Respiratory section of the Medicine Modules of the National Emergency Medical Services Education Standards The following units are covered: anatomy and physiology of the respiratory system, acid-base and arterial blood gases, respiratory assessment, pulse oximetry, waveform capnography, oxygen therapy, basic airway management techniques, positive pressure ventilation, advanced airway techniques, endotracheal intubation, pathophysiology, assessment, and management of patients with acute and chronic respiratory problems. A unit on anesthesia essentials and rapid sequence intubation concludes the course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1118. Pediatric Emrg Paramedic. (2 Credits)
This course includes material from the Special Considerations Modules of the current National EMS Education Standards. The following topics are included; pediatric assessment, developmental stages, family assessment and management, respiratory emergencies, child safety, trauma, dehydration, shock, infant and child BLS and ACLS, neurologic emergencies, SIDS, child abuse, and care of children with special needs. After the pediatric emergencies labs and clinical practicum, have been completed, students must successfully complete the emergency Pediatric Care Course for Advanced Providers. Prerequisite: None. Corequisite: None. Offered: Fall and Summer.

EMTP 1119. Ped. Emerg. Clinical Practicum. (1 Credit)
In this course students will perform patient assessment and management techniques on infants and children in the hospital setting. Students will assess developmental stages, communicate with patients and family members, and treat pediatric patients with respiratory infections, gastroenteritis, sickle cell crises and a variety of medical and traumatic emergencies. Lab sessions will include pediatric oxygen therapy and airway adjuncts, management of pediatric shock including IV and intraosseous therapy, child and infant BLS and ACLS, pediatric ITLS, and miscellaneous medical emergencies scenarios. After the pediatric emergencies labs and clinical practicum have been completed, students must successfully complete the Emergency Pediatric Care Course.Prerequisite: None. Corequisite: None. Offered: Spring and Fall.

EMTP 1120. Paramedic Practicum II. (2 Credits)
This course is the second of three practicums designed to provide the student with the opportunity to perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 2.00 Credit Hours (0.00 Lecture - 9.00 Lab).

EMTP 1125. Summative Evaluation for the Paramedic. (2 Credits)
This course includes material from all areas of the paramedic program. It is designed to provide a comprehensive overview and evaluation of the students Cognitive, Affective, and Psychomotor preparation for both the National Registry Examination and entry into the EMS profession. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Summer. Credits: 2.00 Credit Hours (1.00 Lecture - 4.00 Lab).

EMTP 1126. Cardiovascular Emergencies for the Paramedic I. (2 Credits)
This course includes material from the cardiovascular portion of the Medical Module of the National EMS education Standards. Topics include units in anatomy and physiology of the cardiovascular system, basic cardiac arrhythmia interpretation, pacemaker rhythms, and introduction to current field monitor/defibrillator units. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1127. Cardiovascular Emergencies for the Paramedic II. (3 Credits)
This course includes the remaining material from the cardiovascular portion of the medicine module of the National EMS Education Standards. Topics include anatomy and physiology of the cardiovascular system, cardiovascular assessment, atherosclerosis, coronary artery disease, risk factor identification and reduction, acute coronary syndrome, heart failure, sudden arrhythmic death, hypertensive emergencies, cardiogenic shock, abdominal aortic aneurysm, arterial occlusion, venous thrombosis, aortic dissection, thromboembolism, infectious disease of the heart and congenital heart defects. Units on artificial pacemakers, defibrillation, cardioversion, 12- lead EKGs, circulatory adjuncts, and ACLS algorithms are also included. At the conclusion of the course, students must successfully complete the American Heart Association's Advance Cardiac Life Support Course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

EMTP 1132. Pathophysiology for the Paramedic. (2 Credits)
This course includes the material from the Pathophysiology section of the National EMS Education Standards. It includes units on basic cellular functions, adaptation to disease and injury. Units on fluid and electrolytes, abnormal fluids states, electrolyte imbalance and acid-base imbalance are included. Additional units on the genetic and familial basis of disease, hypo perfusion, the immune response, inflammation and variances in immunity and inflammation are included. A unit on stress and its role in disease concludes the course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1133. Paramedic Practicum III. (2 Credits)
This course is the third of three practicums designed to provide the student with the opportunity to perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Students must successfully complete the pediatric ITLS course. Students will complete all clinical hours on a 911 ambulance under the supervision of a certified preceptor. Students must successfully complete 30 team lead calls, with no more than 10 calls at the BLS(basic life support) level and no less than 20 calls that require ALS (advanced life support) assessment and treatment. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Summer. Credits: 2.00 Credit Hours (0.00 Lecture - 9.00 Lab).

EMTP 1134. Special Populations. (3 Credits)
This course includes material from the Medical and Special Considerations Modules of the current National EMS Education Standard. It includes the following topics: anatomy and physiology of the female reproductive system, abdominal pain, vaginal bleeding, rape, and physiology of pregnancy, fetology, normal and abnormal labor and delivery, and post-partum complications. The ITLS approach to trauma in pregnancy is emphasized. In addition, determination of the APGAR scoring and care of the high- risk neonates is included. Pediatric assessment, developmental stages, family assessment and management, respiratory emergencies, child safety, trauma, dehydration, shock, infant and child BLS and ALS, neurologic emergencies, SIDS, child abuse, and care of children with special needs. Students must complete the Emergency Pediatric Care (EPC) course as well as the geriatric education for EMS (GEMS) course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

Health Information Management, Bachelor of Science

The online bachelor's degree program in Health Information Management (HIM) at Albany State University is designed to prepare the student to become data-and-knowledge link between care providers and patients. This degree focuses on building leadership skills in the business and administration of healthcare and information management. ASU's HIM program ensures that students will learn best practices in health information management and keep up with the latest trends in the healthcare industry—the kind of HIM expertise that will be needed for a successful career as a health information administrator.

The HIM program is a degree completion program designed for students who already have some college credits or an associate degree related to health information technology. The Bachelor of Science in HIM degree is a 2 + 2 program with the Associate of Science in Health Information Technology curriculum comprising the first two years.

Students are eligible for admission to this program if they have completed at least 60 semester credits of transferable coursework from a CAHIIM Accredited program with a 2.5 or better grade point average (GPA). Students may declare a HIM plan of study upon university enrollment while completing pre-requisite coursework for the purpose of advisement. However, this does not guarantee admission into the program. A separate application is required for consideration of acceptance into this program.

The HIM program admits one class per year that begins each Spring semester. **Program applications are due by October 15th of the year you wish to enter the program.** The deadline for applying (October 15th) occurs during the FALL semester prior to the SPRING semester start date. If a student is enrolled in courses that will complete all requirements during the Fall semester of the October 15th deadline, the student may submit the application with those required courses still in progress.

The program will begin the initial accreditation phase through the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) upon it's activation in Spring 2020. Upon receiving accreditation, graduates will be eligible to write the national certification examination given by the American Health Information Management Association (AHIMA). Upon successful completion of the examination, the health information technician is awarded the professional credential of a Registered Health Information Administrator (RHIA) by AHIMA.

AHIMA Proviso to RHIA credentialing (as of July 23, 2019)

The Commission on Certification for Health Informatics and Information Management (CCHIIM) has amended the eligibility criteria to sit for the RHIA certification exam for individuals who hold the RHIT. Individuals who have the RHIT will be eligible for the RHIA exam starting July 1, 2017, through December 31, 2021, if they have received a baccalaureate degree or higher from a regionally-accredited institution or nationally-recognized accreditor (official sealed transcripts must be sent to AHIMA for verification); and received their RHIT credential on or before December 31, 2018; and have complied with the Standards for Maintenance of the RHIT credential. More information on this HIM Reimagined initiative can be found at http://www.ahima.org/certification/RHIA.

For full consideration for admission to the Health Information Management program, the student must:

Program Admission Requirements

1. Be admitted to Albany State University.
2. Completed at least 60 semester credits of transferable coursework from a CAHIIM Accredited program.
3. Complete all Area F and Lower Level HITE courses with a "C" or better..
4. Have a minimum GPA of 2.5.
5. Complete and submit an application for admission to the HIM program to the Program Director by October 15th.*

*An application is considered complete only when all requested information is received. Students are responsible for making sure their application is complete. Incomplete application packets and/or applications received after October 15th may not be considered. Selection criteria, including GPA and pre-requisite hours completed, are ranked by the HIM Selection Committee and interviews may be set up.

Offers of acceptance will be made based on the final ranking of those students who meet all admission criteria.

Additional Requirements

1. Before registering and being enrolled in the HIM program, students should access Distance Learning on the ASU website for orientation to online system requirements.
2. To continue in the Health Information Management Program, a minimum grade of "C" is required in all HITE courses. If the student fails to make a "C" in an HITE course, and it is the student's first failure, the student may reapply to the HITE Program. All of the student's previous HITE work will be evaluated by the program director. More than one "W", "D" and/or "F" in HITE courses will result in permanent dismissal from the program (this may be two courses or failure in the same course twice).
3. High speed internet connection is highly recommended for optimal use of AHIMA's Virtual Lab applications.
4. Professional liability insurance is required and is available through the college. The cost of this insurance is approximately $17.50 per year and is included in the fees.
5. Because of the nature of the profession, the student is required to sign and abide by a statement that the student will honor the confidential nature of health/medical records (HIPAA). A charge of breach of confidentiality will be treated according to the procedures outlined in the Student Handbook, "Code of Conduct."
6. Once enrolled in the HIM program, failure to exhibit professional behavior will result in the student being withdrawn from the program and deemed ineligible for re-admission to the HIM program. Unprofessional behavior is defined as:
   a. misrepresentation of self or falsifying information on program application
   b. disruptive or abusive behavior in an online class
   c. breach of confidentiality statement and/or
   d. suspicion of cheating will be dealt with in accordance with the Student Handbook, "Code of Conduct."
7. Student membership to the American Health Information Management Association (AHIMA) is recommended. The cost of student membership is $49.00 per year.
8. A student may be denied permission to continue in the HIM program if, in the opinion of the HIM faculty, the Chair of Health Sciences, the Dean of the Darton College of Health Professions, and the Vice President of Academic Affairs, the student does not demonstrate the necessary qualifications for a health information technician.
9. To satisfactorily complete the curriculum and to develop the skills required of an entry level health information technician, the student must demonstrate:
   a. Visual Acuity (with or without corrective lenses): to read paper, microfilm, and electronic documents.
   b. Physical Ability: to process reports and records, to operate equipment necessary for record keeping (for example, manually operated filing equipment, printers, microfilm reader/printers, computer keyboard), and to move about in space limited by compacted filing.
   c. Manual Dexterity: to perform the fine motor functions necessary to document analysis of records (i.e., must use pens, pencils, and manage papers), and to operate electronic equipment (i.e., computers, word processors).
   d. Hearing (with or without aids): to hear the spoken voice in order to be able to respond verbally.
10. The student must abide by the policies and procedures of the Health Information Management Program as defined by the Program Handbook.
11. Albany State University Code of Conduct Policies related to Disruptive and Obstructive Behavior will be enforced in an online program just as it would be in a traditional classroom. Exhibit of such behavior may result in dismissal from the program.

For additional Health Science Division policies that apply to this program, please refer to Academic Regulations, Section R – T.

*All HITE courses are only offered online. Professional Practicum Experience courses may require up to 80 contact hours at an acute care facility.

NOTE: The Bachelor of Science with a Major in Health Information Management is a new program beginning in the 2019/2020 academic year. The Program of Study is currently under review.

Visit the department for more information about the program and the higher level HIM coursework.

Health Information Technology, Career Associate of Science

The online associate degree program in Health Information Technology at Albany State University is designed to prepare the student for entry-level employment as a health information technician who performs tasks related to the use, analysis, presentation, abstracting, coding, storage and the retrieval of health care data in manual or electronic form.

The program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM), 233 North Michigan Avenue, Chicago, IL 60601-5800, (312) 233-1100, http://www.cahiim.org, in association with the American Health Information Management Association (AHIMA), 233 North Michigan Avenue, 21st Floor, Chicago, IL 60601-5809, http://www.ahima.org.

Graduates are eligible to write the national certification examination given by the American Health Information Management Association (AHIMA). Upon successful completion of the examination, the health information technician is awarded the professional credential of a Registered Health Information Technician (RHIT) by AHIMA.

Students may declare a HIT plan of study upon university enrollment for the purpose of advisement while completing coursework required for entry to the program. However, this does not guarantee admission into the program.

The HIT program admits one class per year that begins each Fall semester (mid-August). **Program applications are due by June 1st of the year you wish to enter the program.**

The deadline for applying (June 1st) occurs during the SUMMER semester prior to the FALL semester start date. If a student is enrolled in courses that will complete all requirements during the Summer semester of the June 1st deadline, the student may submit the application with those required courses still in progress.

An application is considered complete only when all requested information is received. Students are responsible for making sure their application is complete. Incomplete application packets and/or applications received after June 1st may not be considered. Selection

criteria, including GPA and pre-requisite hours completed, are ranked by the HIT Selection Committee and interviews may be set up. Offers of acceptance will be made based on the final ranking of those students who meet all admission criteria. **Applications can be picked up in the Health Sciences office, J-210.**

Program Admission Requirements

For full consideration for admission to the Health Information Technology program, the student must:

1. Be admitted to Albany State University.
2. Complete all required Learning Support courses.
3. Complete all courses required for entry to the program with a "C" or better. Courses required for admission to the program include ALHE 1120, BIOL 2411K, BIOL 2412K, BUSA 2101, and ENGL 1101.
4. Have a minimum GPA of 2.5.
5. Complete and submit an application for admission to the HIT program to the Program Director by June 1st.

Additional Requirements

1. Before registering and being enrolled in the HIT program, students should access Distance Learning on the ASU website for orientation to online system requirements.
2. To continue in the Health Information Technology Program, a minimum grade of "C" is required in all HITE courses. If the student fails to make a "C" in an HITE course, and it is the student's first failure, the student may reapply to the HITE Program. All of the student's previous HITE work will be evaluated by the program director. More than one "W", "D" and/or "F" in HITE courses will result in permanent dismissal from the program (this may be two courses or failure in the same course twice).
3. High speed internet connection is highly recommended for optimal use of AHIMA's Virtual Lab applications.
4. Professional liability insurance is required and is available through the college. The cost of this insurance is approximately $17.50 per year and is included in the fees.
5. Because of the nature of the profession, the student is required to sign and abide by a statement that the student will honor the confidential nature of health/medical records (HIPAA). A charge of breach of confidentiality will be treated according to the procedures outlined in the Student Handbook, "Code of Conduct."
6. Once enrolled in the HIT program, failure to exhibit professional behavior will result in the student being withdrawn from the program and deemed ineligible for re-admission to the HIT program. Unprofessional behavior is defined as:
   a. misrepresentation of self or falsifying information on program application
   b. disruptive or abusive behavior in an online class
   c. breach of confidentiality statement and/or
   d. suspicion of cheating will be dealt with in accordance with the Student Handbook, "Code of Conduct."
7. Student membership to the American Health Information Management Association (AHIMA) is recommended. The cost of student membership is $49.00 per year.
8. A student may be denied permission to continue in the HIT program if, in the opinion of the HIT faculty, the Chair of Health Sciences, the Dean of the Darton College of Health Professions, and the Vice President of Academic Affairs, the student does not demonstrate the necessary qualifications for a health information technician.
9. To satisfactorily complete the curriculum and to develop the skills required of an entry level health information technician, the student must demonstrate:
   a. Visual Acuity (with or without corrective lenses): to read paper, microfilm, and electronic documents.
   b. Physical Ability: to process reports and records, to operate equipment necessary for record keeping (for example, manually operated filing equipment, printers, microfilm reader/printers, computer keyboard), and to move about in space limited by compacted filing.
   c. Manual Dexterity: to perform the fine motor functions necessary to document analysis of records (i.e., must use pens, pencils, and manage papers), and to operate electronic equipment (i.e., computers, word processors).
   d. Hearing (with or without aids): to hear the spoken voice in order to be able to respond verbally.
10. The student must abide by the policies and procedures of the Health Information Technology Program as defined by the Program Handbook.
11. *Albany State University Code of Conduct Policies related to Disruptive and Obstructive Behavior will be enforced in an online program just as it would be in a traditional classroom. Exhibit of such behavior may result in dismissal from the program.*

For additional Health Science Division policies that apply to this program, please refer to Academic Regulations, Section R – T.

*All HITE courses are only offered online with the exception of HITE 2610. HITE 2600 and HITE 2610 constitute 120 hours of the professional practice experience, with HITE 2610 being completed in an acute care facility.

Recommended Courses for Career Associate of Science in Health Information Technology Degree Program

Students may declare an HIT plan of study upon college enrollment for the purpose of advisement while completing courses required for admission to the program. However, declaring this plan of study does not guarantee admission to the HIT Program. **A separate application is required for consideration of acceptance into this program.**

Full-time Track

Code	Title	Semester Hours
Courses required for program admission, semester 1		
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
ALHE 1120	Medical Terminology	2
MATH 1111	College Algebra	3
Courses required for program admission, semester 2		
BIOL 2412K	Human Anatomy and Physiology II	4
BUSA 2101	Survey of Computer Applications	3
COMM 1000	Cultural Diversity in Communication	2
POLS 1101	American Government	3
Program Courses:		

Fall Semester		
HITE 2100	Health Record Content and Structure [1]	3
HITE 2400	Pathophysiology and Pharmacology [1]	3
HITE 2137	Fundamentals of Health Information Management [1]	3
PSYC 1101	General Psychology	3
Spring Semester		
HITE 2150	Coding I [1]	4
HITE 2250	Legal & Ethical Issues in Health Information Technology [1]	3
Select ONE of the following Area C Electives: [2]		3
ARTS 1100	Art Appreciation	
MUSC 1100	Music Appreciation	
THEA 1100	Theater Appreciation	
ACCT 2101	Accounting Principles I	3
Summer Semester		
HITE 2110	Organization and Supervision in Health Information Management [1]	2
HITE 2160	Coding II [1]	2
HITE 2200	Healthcare Statistics [1]	2
HITE 2600	Professional Practice I [1]	2
Fall Semester		
HITE 2170	Advanced Coding and Reimbursement [1]	4
HITE 2500	Health Information System Applications [1]	3
HITE 2550	Quality Assessment [1]	3
HITE 2610	Professional Practice II [1]	2
HITE 2650	Seminar on Health Information Technology [1]	1
Total Semester Hours		70

Part-time Track

Code	Title	Semester Hours
Courses required for program admission, semester 1		
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
Courses required for program admission, semester 2		
BIOL 2412K	Human Anatomy and Physiology II	4
ALHE 1120	Medical Terminology	2
MATH 1111	College Algebra	3
Courses required for program admission, semester 3		
BUSA 2101	Survey of Computer Applications	3
POLS 1101	American Government	3
COMM 1000	Cultural Diversity in Communication	2
Program Courses:		
Fall Semester		
HITE 2100	Health Record Content and Structure [1]	3
HITE 2400	Pathophysiology and Pharmacology [1]	3
HITE 2137	Fundamentals of Health Information Management [1]	3
Spring Semester		
HITE 2150	Coding I [1]	4
PSYC 1101	General Psychology	3
Summer Semester		
HITE 2110	Organization and Supervision in Health Information Management [1]	2
HITE 2160	Coding II [1]	2
HITE 2200	Healthcare Statistics [1]	2
Fall Semester		
HITE 2170	Advanced Coding and Reimbursement [1]	4
HITE 2500	Health Information System Applications [1]	3
Spring Semester		
HITE 2250	Legal & Ethical Issues in Health Information Technology [1]	3
Select ONE of the following Area C Electives: [2]		3
ARTS 1100	Art Appreciation	
MUSC 1100	Music Appreciation	
THEA 1100	Theater Appreciation	
Summer Semester		
ACCT 2101	Accounting Principles I	3
HITE 2600	Professional Practice I [1]	2
Fall Semester		
HITE 2550	Quality Assessment [1]	3
HITE 2610	Professional Practice II [1]	2
HITE 2650	Seminar on Health Information Technology [1]	1
Total Semester Hours		70

1 Pre-requisite courses must be taken prior to program admission.

2 Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

HITE 2100. Health Record Content and Structure. (3 Credits)
The basic concepts and techniques for managing and maintaining health record systems including storage and retrieval, the use and structure of healthcare data and data sets, quantitative and qualitative analysis of healthcare data, forms design, release of information, function of indexes and registers and the accreditation, certification and licensure standards applicable to healthcare data. Prerequisite: ENGL 1101, BIOL 2411K/2412K and acceptance into the Health Information Technology program. Offered: Fall.

HITE 2110. Organization and Supervision in Health Information Management. (2 Credits)
Introduction to the principles of organization and supervision in order to develop effective skills in leadership, motivation, and team building techniques in the practice of health information management. Prerequisites: HITE 2100. Offered: Summer.

HITE 2137. Fundamentals of Health Information Management. (3 Credits)
This course introduces the student to the field of Health Information Management (HIM) and its role in healthcare delivery systems. Emphasis is placed on the health information management profession, hospital and medical staff organization, structure and content of medical records, quantitative and qualitative analysis, release of patient information, legal aspects of medical records, ethical issues in HIM, healthcare statistics, indexes and registers electronic medical records, payment and reimbursement systems, regulatory and accrediting agencies. Prerequisites: Acceptance into the Health Information Technology Program. Corequisites: HITE 2100, HITE 2400. Offered: Fall.

HITE 2150. Coding I. (4 Credits)
Students will be introduced to the principles of ICD-10-CM coding used in the assignment of inpatient and outpatient diagnosis codes and inpatient procedure codes. Prerequisites: ALHE 1120, BIOL 2411K/2412K, HITE 2100, HITE 2137, HITE 2400. Offered: Spring.

HITE 2160. Coding II. (2 Credits)
Students will be introduced to the Principles of CPT coding, used to assign valid procedure and service codes. Prerequisite: HITE 2150. Offered: Summer.

HITE 2170. Advanced Coding and Reimbursement. (4 Credits)
This course integrates and builds on basic knowledge and skills acquired in HITE 2150 and HITE 2160, enhancing skill level through use of clinical case studies. Impact on reimbursement, ethical coding, encoders, and groupers will be emphasized. Reimbursement topics include DRGs, APCs, RBRVs, chargemaster, and coding compliance. Students will have live access to QuadraMed encoder. Prerequisites: HITE 2150, HITE 2160. Offered: Fall.

HITE 2200. Healthcare Statistics. (2 Credits)
Study of the methods/formulas used in computing and preparing statistical reports for healthcare services and vital records. Emphasis is placed on the effective use, collection, arrangement, presentation, and verification of healthcare data, and on the concepts of descriptive statistics, data validity, and reliability. Prerequisites: MATH 1111, HITE 2100, HITE 2137, BUSA 2101. Offered: Summer.

HITE 2250. Legal & Ethical Issues in Health Information Technology. (3 Credits)
Introduction to the legal and ethical issues regarding health information management with strong emphasis on legal and regulatory requirements; disclosure of PHI (protected health information) and ethical standards of practice. Prerequisites: HITE 2100, HITE 2400. Corequisite: HITE 2137. Offered: Spring.

HITE 2400. Pathophysiology and Pharmacology. (3 Credits)
The study of the nature and cause of disease including the etiology, signs, symptoms, diagnostic evaluation, clinical treatment and pharmacology management of disease processes. Prerequisites: BIOL 2411K/ BIOL 2412K and acceptance into the Health Information Technology Program. Corequisite: HITE 2100. Offered: Fall.

HITE 2500. Health Information System Applications. (3 Credits)
Students will learn the concept of medical information management through an information system composed of people, hardware, software, communication networks, and data resources that collect, transform, and disseminate health information to healthcare users. The process of planning, designing, selecting, implementing, integrating, testing, evaluating, and supporting EHRs (electronic health records) is also introduced. Prerequisites: HITE 2100, HITE 2137 and BUSA 2101. Offered: Fall.

HITE 2550. Quality Assessment. (3 Credits)
Introduction to the components of quality assessment and improvement programs in health care facilities including quality assessment, utilization management, risk management, and peer review organizations. Students will learn to analyze clinical data to identify trends that demonstrate quality, safety, and effectiveness of health care. Prerequisites: HITE 2200 and BUSA 2101. Offered: Spring.

HITE 2600. Professional Practice I. (2 Credits)
Professional practice experience in an acute care setting that provides the student the opportunity to apply and develop the skills learned throughout the course curriculum that are vital in the management of health information. Corequisites: HITE 2610, HITE 2650. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250, HITE 2500. Offered: Summer.

HITE 2610. Professional Practice II. (2 Credits)
This course is a continuation of HITE 2600, providing additional professional practice experience as the student applies skills learned throughout the course curriculum. Students will have the opportunity to experience the workflow of the acute care setting from beginning to end. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250. Corequisites: HITE 2600, HITE 2650. Offered: Fall.

HITE 2650. Seminar on Health Information Technology. (1 Credit)
Exploration of current issues and trends in the health information profession and industry with emphasis on review for RHIT exam. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250, HITE 2400, HITE 2500, HITE 2550, HITE 2600. Corequisites: HITE 2600, HITE 2160. Offered: Fall.

Histologic Technician Certificate

The Histologic Technician Certificate Program provides students with academic and practical training for job-entry skills in anatomic pathology. The program is approved by the Board of Regents of the University System of Georgia and is accredited by the:

National Accreditation Agency for Clinical Laboratory Sciences (NAACLS)
5600 N. River Road
Suite 720
Rosemont, IL 60018

Phone 773-714-8880, www.naacls.org. (http://www.naacls.org)

Completion of a NAACLS accredited Histologic Technician Certificate Program will qualify the student to take their national board exams.

ADMINISTRATIVE WITHDRAWALS

Students may be withdrawn from the program and/or from a clinical affiliate for lack of competence, if determined to post a threat to the health or safety of others, for failure to comply with the ASU Code of Conduct or failure to comply with the policies of a clinical affiliate.

DRUG SCREEN AND CRIMINAL BACKGROUND CHECKS

Students may be subject to drug screens and criminal background checks as a requirement for participating in program activities. Students are also subject to drug screens requested at random or for probable cause.

Students may be prevented from participating in program activities until results are provided and they are approved for return to program activities.

PROGRAM COST REQUIREMENTS

Item	Cost
Background Check	$50.00
Test Fee	$215.00

Acemapp Fee	$50.00
Liability Insurance	$18.00
Uniforms/lab coat	$150.00
Special Immunization (HBV)	$200.00
Drug Screen	$100.00
Total	$833.00*

*Estimate only. This could be higher or lower depending on the items purchased.

APPLICATION DEADLINE

Semester	Application Deadline
Fall	Early acceptance May 15th
	Deadline June 30th
Spring	Early acceptance September 30th
	Deadline November 30th

Histologic Technician Certificate Program Admission

1. Admission to Albany State University
2. Prior college degree.
3. Completion of Algebra, Chemistry and Biology with a "C" or higher. Coursework in Biology would preferably be Anatomy & Physiology. Acceptance of coursework will be at the discretion of the Program Director.
4. Applicants must have a minimum overall GPA of 2.5.
5. Program application required.[1]

[1] Applications are available through the Program Director or in the Health Sciences office at Albany State University ASU West Campus. Applications are also available from the program homepage at: https://www.asurams.edu/academic-affairs/dchealthprof/docs/HT-Application.pdf

Selection

The Program Director will review the completed folders once applicants meet the general admission criteria for the program. Students for the program are selected from the applicants according to the following criteria:

- GPA (cumulative or last 35-hrs)
- Observation hours observed in a Histology Laboratory setting
- Appropriate professional recommendations received (2)
- Clinical Affiliation (online only)
- Completed HT application

Applicants with the highest point accumulation are selected until the class positions are filled. Class size is 20 for the fall semester and 10 for the spring semester.

Additional Requirements

1. Students are required to submit a copy of a recent physical exam prior to program acceptance.
2. Students are required to meet the health requirements of the clinical affiliate to which they are assigned.
3. Students must have documented immunization to Hepatitis B.
4. Liability insurance is required upon enrollment in the program.
5. To satisfactorily complete the curriculum and to develop required skills the students must have:
   a. Visual acuity (with or without corrective lenses) to observe and perform technical procedures; to identify and differentiate specimens, reagents and equipment; be able to see color, to read laboratory manuals, procedures, policies, specimen labels and materials pertinent to professional practice;
   b. Physical ability to manipulate laboratory instruments and equipment in a manner consistent with operational procedures;
   c. Manual dexterity to operate laboratory equipment and use tools in a manner consistent with operational guidelines.

Clinical Assignments

The program director or designated staff will arrange clinical assignments with the program's approved affiliates for on-campus students only. Students must be prepared to travel to the clinical training facility.

Continuation in the Program

Students must make a grade of "C" or better in all Histologic Technician Program (MLTS) courses. A student can repeat a single course in which the score is less than a "C."

A student repeating a course in which an unsatisfactory grade was received will experience a delay in clinical placement granted the course is satisfactorily completed on the second attempt.

A student withdrawing from the program or a program course may be considered for admission in subsequent classes at the time of the next class selection.

Students absent from the program for a period exceeding one semester will be required to demonstrate prior course competency by exam or repeat for credit.

Students that fail more than one professional (MLTS) course which includes the repeat of a course will be dismissed from the Program and will not be allowed to return.

Histologic Technician Certificate (fall semester start)

Code	Title	Semester Hours
Prerequisite Coursework: Prior degree and the following courses		
MATH 1111	College Algebra	3
BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II [2]	8
CHEM 1211K & CHEM 1212K	Principles of Chemistry I and Principles of Chemistry II [2]	8
Total Semester Hours		19

Course	Title	Semester Hours
Fall		
MLTS 1300	Introduction to Histology	3

MLTS 1310W	Histology I	3
MLTS 1310L	Histology I Lab [1]	1
MLTS 1320W	Histology II	2
MLTS 1320L	Histology II Lab [1]	1
MLTS 1330	Histology III [1]	1
	Semester Hours	11
Spring		
MLTS 1340	Clinical Histology Externship [1]	5
MLTS 1350	Histology V	2
MLTS 1360	Histology VI	1
	Semester Hours	8
	Total Semester Hours	19

[1] Courses are to be completed at an approved clinical affiliate for online students.

[2] One Chemistry and one Biology course will satisfy the prerequisites for the program, but to meet the hospital's accrediting body's standards, two courses in Chemistry and Biology will be needed.

NOTE: Students must score a "C" or higher in all Histologic Technician Program courses in order to successfully complete each course. Satisfactory completion of the Albany State University NAACLS Accredited Histologic Technician Certificate Program provides the necessary qualifications for National Certification Examinations.

Depending on your enrollment status, you may be required to take ASU 1101**, "First Year Experience."**

Histologic Technician Certificate (spring semester start)

Code	Title	Semester Hours
Prerequisite Coursework: Prior degree and the following courses		
MATH 1111	College Algebra	3
BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II [2]	8
CHEM 1211K & CHEM 1212K	Principles of Chemistry I and Principles of Chemistry II [2]	8
Total Semester Hours		19

Course	Title	Semester Hours
Spring		
MLTS 1300	Introduction to Histology	3
MLTS 1310W	Histology I	3
MLTS 1310L	Histology I Lab [1]	1
MLTS 1320W	Histology II	2
MLTS 1320L	Histology II Lab [1]	1
MLTS 1330	Histology III [1]	1
	Semester Hours	11
Summer		
MLTS 1350	Histology V	2
MLTS 1360	Histology VI	1
	Semester Hours	3
Fall		
MLTS 1340	Clinical Histology Externship [1]	5
	Semester Hours	5
	Total Semester Hours	19

[1] Courses are to be completed at an approved clinical affiliate for online students.

[2] One Chemistry and one Biology course will satisfy the prerequisites for the program, but to meet the hospital's accrediting body's standards, two courses in Chemistry and Biology will be needed.

NOTE: Students must score a "C" or higher in all Histologic Technician Program courses in order to successfully complete each course. Satisfactory completion of the Albany State University NAACLS Accredited Histologic Technician Certificate Program provides the necessary qualifications for National Certification Examinations.

Depending on your enrollment status, you may be required to take ASU 1101**, "First Year Experience."**

MLTS 1160L. Medical Laboratory Technology I Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform laboratory analysis of blood and body fluids. Prerequisite: Admission into the MLTS program or permission of the instructor. Corequisite: MLTS 1160W. Offered: Fall; online and traditional options.

MLTS 1160W. Medical Laboratory Technology I. (3 Credits)
An in-depth study of the sciences of hematology and body fluids analysis. It deals with the morphology of blood and blood-forming tissues, the principles of blood sample collections, and the composition and function of multiple body fluids. Physiology and pathology are emphasized. Prerequisite: Admission into the MLT program or permission of the instructor. Corequisite: MLTS 1160L. Offered: Fall, online & traditional options.

MLTS 1161L. Medical Laboratory Technology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform blood banking procedures and to maintain procedures for the efficient operation of a blood bank. Corequisite: MLTS 1161W. Offered: Spring; online and traditional options.

MLTS 1161W. Medical Laboratory Technology II. (3 Credits)
This course provides an introduction to the principles of immunology and provides the student with a concise and thorough guide to transfusion practices and immunohematology. Corequisite: MLTS 1161L. Offered: Spring; online and traditional options.

MLTS 1182. Parasitology, Mycology, and Virology. (3 Credits)
A course in clinical parasitology, mycology, and virology covers human fungal, parasitic and viral infections. The course presents mechanisms of infection, life cycles, and infectious states of the organisms as well as disease progression within the host and the practical application of laboratory procedures for detection and identification. Also included is safety, specimen collection, preservation, transport, methods of identification and therapy. Prerequisites: BIOL 2211K, admission into the MLT program or permission of the program director. Offered: Summer; online and traditional options.

MLTS 1300. Introduction to Histology. (3 Credits)
This course emphasizes the introductory study of basic histology. Structure and identification of tissue systems and organs is emphasized at the cellular level. The laboratory component is structured to enhance the student's knowledge of certain histological preparations of human and veterinary tissue. Identification of images is achieved through virtual microscopy. Prerequisite: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1310L. Histology I Lab. (1 Credit)
The course is a laboratory component complementary to MLTS 1310W. It is utilized to develop entry level skills required to perform non-staining histological procedures. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310W. Offered: Fall, Spring.

MLTS 1310W. Histology I. (3 Credits)
This course emphasizes some of the competencies required to perform routine histological procedures. These would include tissue fixation, principles and application of microtomy, embedding techniques, laboratory operations, decalcification, solution preparation, and processing. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310L. Offered: Fall, Spring.

MLTS 1320L. Histology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills required to perform routine and special stains. Students will identify and provide clinical correlation of routine and special stains. Prerequisites: Admission into the Histologic Technician program. Corequisite: MLTS 1320W. Offered: Fall, Spring.

MLTS 1320W. Histology II. (2 Credits)
This course emphasizes the fundamentals and clinical significance of routine and special histological staining procedures. The student will differentiate between different classes of special stains performed in a histology laboratory. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1320L. Offered: Fall and Spring.

MLTS 1330. Histology III. (1 Credit)
Students practice histotechnology procedures in a supervised histology lab setting. The laboratory component of the course is utilized to develop skills and competencies required to perform routine and special histology procedures. Prerequisites: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1340. Clinical Histology Externship. (5 Credits)
This course is the practicum designed to enhance and refine techniques taught in the first semester. Students are required to complete at least 300 clinical hours in an approved affiliate histology laboratory. Orientation to department and institutional policies and procedures is required. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Fall.

MLTS 1350. Histology V. (2 Credits)
A study of immunohistochemistry procedures and interpretations. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 1360. Histology VI. (1 Credit)
Various professional topics are presented for discussion including board exam reviews, professionalism, laboratory information systems, and management principles. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 2010L. Medical Laboratory Technology III Lab. (2 Credits)
The laboratory component of the course develops the skills and competencies required to perform the diagnostic procedures in clinical microbiology. Prerequisite: BIOL 2211K. Corequisite: MLTS 2010W. Offered: Spring; online and traditional options.

MLTS 2010W. Medical Laboratory Technology III. (2 Credits)
This course presents a study of human clinical bacteriology including general bacteriology, aerobic gram-positive cocci, gram-negative bacilli, gram-negative cocci, gram-positive bacilli and anaerobes. Discussion is centered on the cultivation, methods of identification, antimicrobial susceptibility testing, serological diagnosis and correlation to disease states. Prerequisites: BIOL 2211K, admission into the MLT Program or permission of the program director. Corequisite: MLTS 2010L. Offered: Spring; online and traditional options.

MLTS 2020L. Medical Lab Technology IV Lab. (1 Credit)
The laboratory component is used to develop the skills and competencies required to operate and standardize the instruments utilized in the performance of chemical tests. The use of quality control is emphasized. Corequisite: MLTS 2020W. Offered: Summer; online and traditional options.

MLTS 2020W. Medical Laboratory Technology IV. (3 Credits)
An in-depth study of analytical techniques utilized to measure the biochemical entities of blood and various body fluids. The correlation of test results to human physiology and pathology is emphasized. Prerequisite: CHEM 1212K. Corequisite: MLTS 2020L. Offered: Summer; online and traditional options.

MLTS 2630. Medical Laboratory Technology Externship. (15 Credits)
Students are introduced to the clinical laboratory in an affiliate clinical laboratory setting. The students receive an orientation to each department and an introduction to hospital policies and procedures. Each student rotates through appropriate departments and is allowed to demonstrate and develop their skills and competencies in blood bank, hematology, microbiology, chemistry, phlebotomy and body fluid analysis under the supervision of the laboratory staff instructor. Prerequisites: MLTS 1160, MLTS 1161, MLTS 1182, MLTS 2010, MLTS 2020. Corequisite: MLTS 2670. Offered: Fall.

MLTS 2670. Seminars in Medical Laboratory Science. (1 Credit)
Seminar presentations on various topics related to medical laboratory science (topic reviews for board exams, professionalism, laboratory information systems, case presentations and/or other). Corequisite: MLTS 2630. Offered: Fall; online option only.

Histologic Technician, Associate of Applied Science

The Histologic Technician A.A.S. Degree Program provides students with academic and practical training for job-entry skills in anatomic pathology.

Upon successful completion of the program, students receive an Associate of Applied Science Degree in Histologic Technician.
The program is accredited by the

National Accreditation Agency for Clinical Laboratory Sciences (NAACLS)
5600 N. River Road
Suite 720
Rosemont, IL 60018

phone 773-714-8880, fax 773-714-8886 www.naacls.org (http://www.naacls.org).

Administrative Withdrawals

Students may be withdrawn from the program and/or from a clinical affiliate for lack of competence, if determined to post a threat to the health or safety of others; for failure to comply with the ASU Code of Conduct, or failure to comply with the policies of a clinical affiliate.

Drug Screen and Criminal Background Checks

Students may be subject to drug screens and criminal background checks as a requirement for participating in program activities. Students are also subject to drug screens requested at random or for probable cause.

Students may be prevented from participating in program activities until results are provided and they are approved for return to program activities.

Program Cost Requirements

Students in the AAS Histologic Technician Program are responsible for the following approximate expenses in addition to books, tuition and fees:

Item	Cost
Background Check	$50.00
Test Fee	$215.00
Liability Insurance	$18.00
Uniforms/lab coats	$150.00
Laboratory Supplies	$50.00
Special immunizations (HBV)	$200.00
Drug Screen	$100.00
Acemapp fees	$50.00
	$833.00*
*Estimate Only. This could be higher or lower depending on the items purchased.	

Clinical Assignments

The ASU program director or designated staff will arrange clinical assignments with the program's approved affiliates for on-campus students only. Students must be prepared to travel to the clinical training facility.

Continuation in the Program

Students must make a grade of "C" or better in all Histologic Technician Program (MLTS) courses. A student can repeat a single course in which the grade is less than a "C."

A student repeating a course in which an unsatisfactory grade was received will experience a delay in clinical placement granted the course is satisfactorily completed on the second attempt.

A student withdrawing from the program or a program course may be considered for admission in subsequent class(es) at the time of the next class selection.

Students absent from the program for a period exceeding one semester will be required to demonstrate prior course competency by exam or repeat for credit.

Students that fail more than one professional (MLTS) course, which includes the repeat of a course, will be dismissed from the Program and will not be allowed to return.

Histologic Technician Admission

Option I:

1. Admission to Albany State University
2. Prior college degree.
3. Coursework in Biology would preferably be Anatomy & Physiology. Acceptance of coursework will be at the discretion of the Program Director.
4. Program application required.[1]

Option II:

This option is an alternative way to gain admission into the program.

1. Admission to Albany State University
2. Completion of all learning support courses.
3. Completion of college Algebra, Chemistry and Biology with a "C" or higher.
4. Completion of at least 35 hours of the general education requirements prior to admission.
5. Applicants must have a minimum overall college GPA of 2.5.
6. Program application required.[1]

[1] Applications are available through the Program Director or in the Health Sciences office at Albany State University ASU West Campus. Applications are also available from the program homepage at: https://www.asurams.edu/academic-affairs/dchealthprof/docs/HT-Application.pdf

Application Deadline

Semester	Application Deadline
Fall	Early acceptance May 15
	Deadline June 30th
Spring	Early acceptance September 30
	Deadline November 30th

Selection

The Program Director will review the completed folders once applicants meet the general admission criteria for the program. Students for the program are selected from the applicants according to the following criteria:

- GPA (cumulative or last 35-hrs)
- Observation hours observed in a Histology Laboratory setting
- Appropriate professional recommendations received (2)
- Clinical Affiliation (online only)
- Completed HT application

Applicants with the highest point accumulation are selected until the class positions are filled. Class size is 20 for the fall semester and 10 for the spring semester.

Additional Requirements

1. Students are required to submit a copy of a recent physical exam prior to program acceptance.
2. Students are required to meet the health requirements of the clinical affiliate to which they are assigned.
3. Students must have documented immunization to Hepatitis B.
4. Liability insurance is required upon enrollment in the program.
5. To satisfactorily complete the curriculum and to develop required skills the students must have:
   a. **Visual acuity** (with or without corrective lenses)
      i. to observe and perform technical procedures;
      ii. to identify and differentiate specimens, reagents and equipment;
      iii. be able to see color
      iv. to read laboratory manuals, procedures, policies, specimen labels and materials pertinent to professional practice:
   b. **Physical ability** to manipulate laboratory instruments and equipment in a manner consistent with operational procedures;
   c. **Manual dexterity** to operate laboratory equipment and use tools in a manner consistent with operational guidelines.

Associate of Applied Science Degree Program

Histologic Technician Program

Freshman Year

Code	Title	Semester Hours
First Semester		
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see link in footnote). [2]		3
MATH 1111	College Algebra	3
Second Semester		
BIOL 2412K	Human Anatomy and Physiology II	4
ENGL 1102	English Composition II	3
COMM 1100	Human Communications	3
or COMM 1110	Public Speaking	
CHEM 1211K	Principles of Chemistry I	4
Third Semester		4-8
CHEM 1212K	Principles of Chemistry II [3]	
BIOL 2211K	Introduction to Microbiology	
Total Semester Hours		31-35

Sophomore Year for Fall Program Start

Course	Title	Semester Hours
Sophomore Year		
Fall		
MLTS 1300	Introduction to Histology	3
MLTS 1310W	Histology I	3
MLTS 1310L	Histology I Lab	1
MLTS 1320W	Histology II	2
MLTS 1320L	Histology II Lab	1
MLTS 1330	Histology III	1
	Semester Hours	11
Spring		
MLTS 1340	Clinical Histology Externship	5
MLTS 1350	Histology V	2
MLTS 1360	Histology VI	1
POLS 1101	American Government	3
BUSA 2101	Survey of Computer Applications	3
	Semester Hours	14
	Total Semester Hours	25

Sophomore Year for Spring Program Start

Course	Title	Semester Hours
Sophomore Year		
Spring		
MLTS 1300	Introduction to Histology	3
MLTS 1310W	Histology I	3
MLTS 1310L	Histology I Lab	1
MLTS 1320W	Histology II	2
MLTS 1320L	Histology II Lab	1
MLTS 1330	Histology III	1
	Semester Hours	11
Summer		
MLTS 1350	Histology V	2
MLTS 1360	Histology VI	1
BUSA 2101	Survey of Computer Applications	3
	Semester Hours	6
Fall		
MLTS 1340	Clinical Histology Externship	5
CHEM 1212K	Principles of Chemistry II	4
POLS 1101	American Government	3
	Semester Hours	12
	Total Semester Hours	29

1 Courses are to be completed at an approved clinical affiliate for online students.

2 Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

3 Students who start in the spring semester will take this course in their sophomore year.

NOTE: Students must score a "C" or higher in all Histologic Technician program courses (MLTS) in order to successfully complete each course. Satisfactory completion of the Albany State University NAACLS Accredited Histologic Technician Program provides the necessary qualifications for National Certification Examinations.

Depending on your enrollment status, you may be required to take ASU 1101**, "First Year Experience."**

MLTS 1160L. Medical Laboratory Technology I Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform laboratory analysis of blood and body fluids. Prerequisite: Admission into the MLTS program or permission of the instructor. Corequisite: MLTS 1160W. Offered: Fall; online and traditional options.

MLTS 1160W. Medical Laboratory Technology I. (3 Credits)
An in-depth study of the sciences of hematology and body fluids analysis. It deals with the morphology of blood and blood-forming tissues, the principles of blood sample collections, and the composition and function of multiple body fluids. Physiology and pathology are emphasized. Prerequisite: Admission into the MLT program or permission of the instructor. Corequisite: MLTS 1160L. Offered: Fall, online & traditional options.

MLTS 1161L. Medical Laboratory Technology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform blood banking procedures and to maintain procedures for the efficient operation of a blood bank. Corequisite: MLTS 1161W. Offered: Spring; online and traditional options.

MLTS 1161W. Medical Laboratory Technology II. (3 Credits)
This course provides an introduction to the principles of immunology and provides the student with a concise and thorough guide to transfusion practices and immunohematology. Corequisite: MLTS 1161L. Offered: Spring; online and traditional options.

MLTS 1182. Parasitology, Mycology, and Virology. (3 Credits)
A course in clinical parasitology, mycology, and virology covers human fungal, parasitic and viral infections. The course presents mechanisms of infection, life cycles, and infectious states of the organisms as well as disease progression within the host and the practical application of laboratory procedures for detection and identification. Also included is safety, specimen collection, preservation, transport, methods of identification and therapy. Prerequisites: BIOL 2211K, admission into the MLT program or permission of the program director. Offered: Summer; online and traditional options.

MLTS 1300. Introduction to Histology. (3 Credits)
This course emphasizes the introductory study of basic histology. Structure and identification of tissue systems and organs is emphasized at the cellular level. The laboratory component is structured to enhance the student's knowledge of certain histological preparations of human and veterinary tissue. Identification of images is achieved through virtual microscopy. Prerequisite: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1310L. Histology I Lab. (1 Credit)
The course is a laboratory component complementary to MLTS 1310W. It is utilized to develop entry level skills required to perform non-staining histological procedures. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310W. Offered: Fall, Spring.

MLTS 1310W. Histology I. (3 Credits)
This course emphasizes some of the competencies required to perform routine histological procedures. These would include tissue fixation, principles and application of microtomy, embedding techniques, laboratory operations, decalcification, solution preparation, and processing. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310L. Offered: Fall, Spring.

MLTS 1320L. Histology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills required to perform routine and special stains. Students will identify and provide clinical correlation of routine and special stains. Prerequisites: Admission into the Histologic Technician program. Corequisite: MLTS 1320W. Offered: Fall, Spring.

MLTS 1320W. Histology II. (2 Credits)
This course emphasizes the fundamentals and clinical significance of routine and special histological staining procedures. The student will differentiate between different classes of special stains performed in a histology laboratory. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1320L. Offered: Fall and Spring.

MLTS 1330. Histology III. (1 Credit)
Students practice histotechnology procedures in a supervised histology lab setting. The laboratory component of the course is utilized to develop skills and competencies required to perform routine and special histology procedures. Prerequisites: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1340. Clinical Histology Externship. (5 Credits)
This course is the practicum designed to enhance and refine techniques taught in the first semester. Students are required to complete at least 300 clinical hours in an approved affiliate histology laboratory. Orientation to department and institutional policies and procedures is required. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Fall.

MLTS 1350. Histology V. (2 Credits)
A study of immunohistochemistry procedures and interpretations. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 1360. Histology VI. (1 Credit)
Various professional topics are presented for discussion including board exam reviews, professionalism, laboratory information systems, and management principles. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 2010L. Medical Laboratory Technology III Lab. (2 Credits)
The laboratory component of the course develops the skills and competencies required to perform the diagnostic procedures in clinical microbiology. Prerequisite: BIOL 2211K. Corequisite: MLTS 2010W. Offered: Spring; online and traditional options.

MLTS 2010W. Medical Laboratory Technology III. (2 Credits)
This course presents a study of human clinical bacteriology including general bacteriology, aerobic gram-positive cocci, gram-negative bacilli, gram-negative cocci, gram-positive bacilli and anaerobes. Discussion is centered on the cultivation, methods of identification, antimicrobial susceptibility testing, serological diagnosis and correlation to disease states. Prerequisites: BIOL 2211K, admission into the MLT Program or permission of the program director. Corequisite: MLTS 2010L. Offered: Spring; online and traditional options.

MLTS 2020L. Medical Lab Technology IV Lab. (1 Credit)
The laboratory component is used to develop the skills and competencies required to operate and standardize the instruments utilized in the performance of chemical tests. The use of quality control is emphasized. Corequisite: MLTS 2020W. Offered: Summer; online and traditional options.

MLTS 2020W. Medical Laboratory Technology IV. (3 Credits)
An in-depth study of analytical techniques utilized to measure the biochemical entities of blood and various body fluids. The correlation of test results to human physiology and pathology is emphasized. Prerequisite: CHEM 1212K. Corequisite: MLTS 2020L. Offered: Summer; online and traditional options.

MLTS 2630. Medical Laboratory Technology Externship. (15 Credits)
Students are introduced to the clinical laboratory in an affiliate clinical laboratory setting. The students receive an orientation to each department and an introduction to hospital policies and procedures. Each student rotates through appropriate departments and is allowed to demonstrate and develop their skills and competencies in blood bank, hematology, microbiology, chemistry, phlebotomy and body fluid analysis under the supervision of the laboratory staff instructor. Prerequisites: MLTS 1160, MLTS 1161, MLTS 1182, MLTS 2010, MLTS 2020. Corequisite: MLTS 2670. Offered: Fall.

MLTS 2670. Seminars in Medical Laboratory Science. (1 Credit)
Seminar presentations on various topics related to medical laboratory science (topic reviews for board exams, professionalism, laboratory information systems, case presentations and/or other). Corequisite: MLTS 2630. Offered: Fall; online option only.

Medical Coding Certificate

Medical coders review patient medical (health) records and assign alphanumeric codes for each diagnosis and procedure. To perform this task, they must possess expertise in the International Classification of Diseases and the Current Procedural Terminology coding systems. This certificate program is designed to prepare the student for an entry-level position as a medical coder.

This online certificate program begins the Fall semester of each year. Applications are due to the HIT Program Director by June 1st.

Additional Requirements

1. Once students are registered for classes, but before being enrolled in the program, they should access Online Learning on the ASU website for orientation to online system requirements.
2. To continue in the Medical Coding Certificate Program, a minimum grade of "C" is required in all HITE courses. If the student fails to make a "C" in an HITE course, and it is the student's first failure, the student may reapply to the HITE Program. All of the student's previous HITE work will be evaluated by the program director. More than one “W”, "D" and/or "F" in HITE courses will result in permanent dismissal from the program (this may be two courses or failure in the same course twice).
3. High speed internet connection is highly recommended.
4. A student may be denied permission to continue in the program if, in the opinion of the HIT faculty, the Chair of Health Sciences, the Dean of the Darton College of Health Professions, and the Vice President of Academic Affairs, the student does not demonstrate the necessary qualifications for a medical coder.
5. To satisfactorily complete the curriculum and to develop the skills required of an entry level medical coder, the student must demonstrate:
   a. **Visual Acuity** (with or without corrective lenses): to read paper, microfilm, and electronic documents.
   b. **Physical Ability**: to process reports and records, to operate equipment necessary for record keeping (for example, manually operated filing equipment, printers, microfilm reader/printers, computer keyboard), and to move about in space limited by compacted filing.
   c. **Manual Dexterity**: to perform the fine motor functions necessary to document analysis of records (i.e., must use pens, pencils, and manage papers), and to operate electronic equipment (i.e., computers, word processors).
   d. **Hearing** (with or without aids): to hear the spoken voice in order to be able to respond verbally.
6. The student must abide by the policies and procedures of the Medical Coding Certificate Program as defined by the Program Handbook.
7. Albany State University Code of Conduct Policies related to Disruptive and Obstructive Behavior will be enforced in an online program just as it would be in a traditional classroom. Exhibit of such behavior may result in dismissal from the program.

Code	Title	Semester Hours
Courses required for program admission, semester 1		
BIOL 2411K	Human Anatomy and Physiology I	4
ALHE 1120	Medical Terminology	2
Courses required for program admission, semester 2		
BIOL 2412K	Human Anatomy and Physiology II	4
BUSA 2101	Survey of Computer Applications	3
Program Courses:		
Fall Semester		
HITE 2100	Health Record Content and Structure	3
HITE 2400	Pathophysiology and Pharmacology	3
Spring Semester		
HITE 2150	Coding I	4
Summer Semester		
HITE 2160	Coding II	2
Fall Semester		
HITE 2170	Advanced Coding and Reimbursement	4
Total Semester Hours		29

HITE 2100. Health Record Content and Structure. (3 Credits)
The basic concepts and techniques for managing and maintaining health record systems including storage and retrieval, the use and structure of healthcare data and data sets, quantitative and qualitative analysis of healthcare data, forms design, release of information, function of indexes and registers and the accreditation, certification and licensure standards applicable to healthcare data. Prerequisite: ENGL 1101, BIOL 2411K/2412K and acceptance into the Health Information Technology program. Offered: Fall.

HITE 2110. Organization and Supervision in Health Information Management. (2 Credits)
Introduction to the principles of organization and supervision in order to develop effective skills in leadership, motivation, and team building techniques in the practice of health information management. Prerequisites: HITE 2100. Offered: Summer.

HITE 2137. Fundamentals of Health Information Management. (3 Credits)
This course introduces the student to the field of Health Information Management (HIM) and its role in healthcare delivery systems. Emphasis is placed on the health information management profession, hospital and medical staff organization, structure and content of medical records, quantitative and qualitative analysis, release of patient information, legal aspects of medical records, ethical issues in HIM, healthcare statistics, indexes and registers electronic medical records, payment and reimbursement systems, regulatory and accrediting agencies. Prerequisites: Acceptance into the Health Information Technology Program. Corequisites: HITE 2100, HITE 2400. Offered: Fall.

HITE 2150. Coding I. (4 Credits)
Students will be introduced to the principles of ICD-10-CM coding used in the assignment of inpatient and outpatient diagnosis codes and inpatient procedure codes. Prerequisites: ALHE 1120, BIOL 2411K/2412K, HITE 2100, HITE 2137, HITE 2400. Offered: Spring.

HITE 2160. Coding II. (2 Credits)
Students will be introduced to the Principles of CPT coding, used to assign valid procedure and service codes. Prerequisite: HITE 2150. Offered: Summer.

HITE 2170. Advanced Coding and Reimbursement. (4 Credits)
This course integrates and builds on basic knowledge and skills acquired in HITE 2150 and HITE 2160, enhancing skill level through use of clinical case studies. Impact on reimbursement, ethical coding, encoders, and groupers will be emphasized. Reimbursement topics include DRGs, APCs, RBRVs, chargemaster, and coding compliance. Students will have live access to QuadraMed encoder. Prerequisites: HITE 2150, HITE 2160. Offered: Fall.

HITE 2200. Healthcare Statistics. (2 Credits)
Study of the methods/formulas used in computing and preparing statistical reports for healthcare services and vital records. Emphasis is placed on the effective use, collection, arrangement, presentation, and verification of healthcare data, and on the concepts of descriptive statistics, data validity, and reliability. Prerequisites: MATH 1111, HITE 2100, HITE 2137, BUSA 2101. Offered: Summer.

HITE 2250. Legal & Ethical Issues in Health Information Technology. (3 Credits)
Introduction to the legal and ethical issues regarding health information management with strong emphasis on legal and regulatory requirements; disclosure of PHI (protected health information) and ethical standards of practice. Prerequisites: HITE 2100, HITE 2400. Corequisite: HITE 2137. Offered: Spring.

HITE 2400. Pathophysiology and Pharmacology. (3 Credits)
The study of the nature and cause of disease including the etiology, signs, symptoms, diagnostic evaluation, clinical treatment and pharmacology management of disease processes. Prerequisites: BIOL 2411K/ BIOL 2412K and acceptance into the Health Information Technology Program. Corequisite: HITE 2100. Offered: Fall.

HITE 2500. Health Information System Applications. (3 Credits)
Students will learn the concept of medical information management through an information system composed of people, hardware, software, communication networks, and data resources that collect, transform, and disseminate health information to healthcare users. The process of planning, designing, selecting, implementing, integrating, testing, evaluating, and supporting EHRs (electronic health records) is also introduced. Prerequisites: HITE 2100, HITE 2137 and BUSA 2101. Offered: Fall.

HITE 2550. Quality Assessment. (3 Credits)
Introduction to the components of quality assessment and improvement programs in health care facilities including quality assessment, utilization management, risk management, and peer review organizations. Students will learn to analyze clinical data to identify trends that demonstrate quality, safety, and effectiveness of health care. Prerequisites: HITE 2200 and BUSA 2101. Offered: Spring.

HITE 2600. Professional Practice I. (2 Credits)
Professional practice experience in an acute care setting that provides the student the opportunity to apply and develop the skills learned throughout the course curriculum that are vital in the management of health information. Corequisites: HITE 2610, HITE 2650. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250, HITE 2500. Offered: Summer.

HITE 2610. Professional Practice II. (2 Credits)
This course is a continuation of HITE 2600, providing additional professional practice experience as the student applies skills learned throughout the course curriculum. Students will have the opportunity to experience the workflow of the acute care setting from beginning to end. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250. Corequisites: HITE 2600, HITE 2650. Offered: Fall.

HITE 2650. Seminar on Health Information Technology. (1 Credit)
Exploration of current issues and trends in the health information profession and industry with emphasis on review for RHIT exam. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250, HITE 2400, HITE 2500, HITE 2550, HITE 2600. Corequisites: HITE 2600, HITE 2160. Offered: Fall.

Medical Laboratory Technology, Career Associate of Science

Health Science Division

Recommended Courses for Career Associate of Science Degree Programs

The Medical Laboratory Technology program prepares graduates to practice as a laboratory technician in hospitals, clinics, physician offices, and other health care facilities. Graduates are eligible to sit for national certifying exams. The program is accredited by

The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
5600 North River Road
Suite 720
Rosemont, IL 60018-5119

(847) 939-3597, (773) 714-8880, FAX (773) 714-8886, www.naacls.org. (http://www.naacls.org)

Additional Requirements

1. A minimum grade of "C" is required in each MLT professional course.
2. A medical examination, including proof of MMR x 2, HBV x 3, Varicella x 2 immunizations are required, A current flu vaccine, PPD, and other immunizations may be required prior to entry into clinical practicum courses.
3. Students must satisfy admission requirements to Albany State University.
4. Liability insurance is required upon enrollment in **any** MLT technical course.

5. To satisfactorily complete the curriculum and to develop the skills required of an entry level medical laboratory technician, the student must have:
   a. **Visual acuity** (with or without corrective lenses) sufficient to differentiate colors used as reaction indicators; to observe the patient during phlebotomy procedure; to differentiate and identify specimens utilizing microscopic examination; to read laboratory manuals, procedure, policies, specimen labels, test requisitions and other materials pertinent to professional practice;
   b. **Physical ability** to manipulate clinical laboratory instruments and equipment in a manner consistent with operational procedures;
   c. **Manual dexterity** to perform venipuncture procedures and to operate hand held medical laboratory equipment and tools in a manner consistent with operational guidelines.

MLT Re-Admission Criteria

Students who do not progress in MLT Program courses as outlined by the curriculum guide may continue in the program under the following conditions:

1. They meet Albany State University admission criteria.
2. They meet MLT Program admission criteria.
3. They do not have more than one "D" or "F" in program courses.
4. Course enrollment will be permitted on a space-available basis and only if prerequisites are met.
5. Students absent from the program for a period exceeding one semester will be required to demonstrate prior course competency by exam or repeat course for credit.
6. Students with two unsuccessful attempts in program courses are ineligible for program readmission. Withdrawing from a MLTS course is considered an unsuccessful attempt. A course grade of "D" or "F" is considered an unsuccessful attempt.

Additional Costs

Students in the Medical Laboratory Technology Program are responsible for the following approximated expenses in addition to books, tuition and fees:

Item	Cost
Liability Insurance	$18.00
Uniforms/lab coat/ID badges	$115.00
Laboratory Supplies (Gloves, masks, face shields, scissors, pens, and markers)	$50.00
Specified immunizations	$200.00
MLT Certification (ASCP)	$215.00
Background Check	$50.00
	$648.00
NOTE: In addition to the above fees, students may be required to have a drug screen prior to clinical placement in externships. Fees may vary by affiliate and are generally less than $100. Affiliates that require ACEMAPP membership will also be an additional $50 fee for the student.	

Clinical Assignments

The ASU MLT Program has clinical affiliations with many hospitals and clinics in Southwest Georgia. Clinical assignments are made by the program faculty with approved affiliates only. Students must be prepared to travel to their clinical training facility.

Program Application Required

Semester	Application Deadline
Fall	July 1

[1] Based on space availability

Administrative Withdrawals

Students may be withdrawn from the program and/or from a clinical affiliate for lack of competence; if determined to pose a threat to the health or safety of others; for failure to comply with the ASU Code of Conduct or failure to comply with the policies of a clinical affiliate.

Drug Screen and Criminal Background Checks

Students may be subject to drug screens and criminal background checks as a requirement for participating in program activities. Students are also subject to drug screens requested at random or for probable cause.

Students may be prevented from participating in program activities until results are provided and they are approved for return to program activities.

Background checks, drug screens, and immunizations are the student's responsibility for expenses.

MLT Admissions Criteria

1. Applicants must have completed required Learning Support courses.
2. Applicants must successfully complete the required prerequisite courses as published in the Program of Study curriculum guide.
3. Applicants must have a minimum overall college GPA of 2.5. Preference in program participation may be given to students with the highest GPA.
4. Students with two unsuccessful attempts in MLT program courses at ASU or any other institution are not eligible for admission to ASU MLT Program.

Note: Unsuccessful attempts include D's, F's, and course withdrawals.

Course requirements prior to program admission

Code	Title	Semester Hours
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
POLS 1101	American Government	3
COMM 1110	Public Speaking	3
MATH 1111	College Algebra	3
BIOL 2211K	Introduction to Microbiology (Not offered online at ASU) [2]	4

Program requirements after admission to program

Course	Title	Semester Hours
Freshman Year		
Fall		
Courses required for entry into the program (listed above)		**20**
MLTS 1160W	Medical Laboratory Technology I	3
MLTS 1160L	Medical Laboratory Technology I Lab	1
BIOL 2412K	Human Anatomy and Physiology II	4
CHEM 1211K	Principles of Chemistry I [1]	4
	Semester Hours	32
Spring		
MLTS 1161W	Medical Laboratory Technology II	3
MLTS 1161L	Medical Laboratory Technology II Lab	1
MLTS 2010W	Medical Laboratory Technology III	2
MLTS 2010L	Medical Laboratory Technology III Lab	2
CHEM 1212K	Principles of Chemistry II [1]	4
	Semester Hours	12
Summer		
MLTS 2020W	Medical Laboratory Technology IV	3
MLTS 2020L	Medical Lab Technology IV Lab	1
MLTS 1182	Parasitology, Mycology, and Virology	3
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see below for footnote) [3]		3
	Semester Hours	10
Sophomore Year		
Fall		
MLTS 2630	Medical Laboratory Technology Externship	15
MLTS 2670	Seminars in Medical Laboratory Science	1
	Semester Hours	16
	Total Semester Hours	70

Online participants must provide their own clinical support and be approved by the Program Director.

NOTE: MLT lab courses (MLTS 1160L, MLTS 1161L, MLTS 2010L and MLTS 2020L) are scheduled at Albany State University. Other approved clinical affiliate locations will be considered.

Depending on your enrollment status, you may be required to take ASU 1101**, "First Year Experience."**

1 CHEM 1211K and CHEM 1212K must be completed by the end of spring semester to meet summer prerequisites for MLTS 2020W and MLTS 2020L.

2 BIOL 2211K must be completed by fall semester to meet prerequisites for MLTS 1182 spring semester.

3 Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

MLTS 1160L. Medical Laboratory Technology I Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform laboratory analysis of blood and body fluids. Prerequisite: Admission into the MLTS program or permission of the instructor. Corequisite: MLTS 1160W. Offered: Fall; online and traditional options.

MLTS 1160W. Medical Laboratory Technology I. (3 Credits)
An in-depth study of the sciences of hematology and body fluids analysis. It deals with the morphology of blood and blood-forming tissues, the principles of blood sample collections, and the composition and function of multiple body fluids. Physiology and pathology are emphasized. Prerequisite: Admission into the MLT program or permission of the instructor. Corequisite: MLTS 1160L. Offered: Fall, online & traditional options.

MLTS 1161L. Medical Laboratory Technology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform blood banking procedures and to maintain procedures for the efficient operation of a blood bank. Corequisite: MLTS 1161W. Offered: Spring; online and traditional options.

MLTS 1161W. Medical Laboratory Technology II. (3 Credits)
This course provides an introduction to the principles of immunology and provides the student with a concise and thorough guide to transfusion practices and immunohematology. Corequisite: MLTS 1161L. Offered: Spring; online and traditional options.

MLTS 1182. Parasitology, Mycology, and Virology. (3 Credits)
A course in clinical parasitology, mycology, and virology covers human fungal, parasitic and viral infections. The course presents mechanisms of infection, life cycles, and infectious states of the organisms as well as disease progression within the host and the practical application of laboratory procedures for detection and identification. Also included is safety, specimen collection, preservation, transport, methods of identification and therapy. Prerequisites: BIOL 2211K, admission into the MLT program or permission of the program director. Offered: Summer; online and traditional options.

MLTS 1300. Introduction to Histology. (3 Credits)
This course emphasizes the introductory study of basic histology. Structure and identification of tissue systems and organs is emphasized at the cellular level. The laboratory component is structured to enhance the student's knowledge of certain histological preparations of human and veterinary tissue. Identification of images is achieved through virtual microscopy. Prerequisite: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1310L. Histology I Lab. (1 Credit)
The course is a laboratory component complementary to MLTS 1310W. It is utilized to develop entry level skills required to perform non-staining histological procedures. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310W. Offered: Fall, Spring.

MLTS 1310W. Histology I. (3 Credits)
This course emphasizes some of the competencies required to perform routine histological procedures. These would include tissue fixation, principles and application of microtomy, embedding techniques, laboratory operations, decalcification, solution preparation, and processing. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310L. Offered: Fall, Spring.

MLTS 1320L. Histology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills required to perform routine and special stains. Students will identify and provide clinical correlation of routine and special stains. Prerequisites: Admission into the Histologic Technician program. Corequisite: MLTS 1320W. Offered: Fall, Spring.

MLTS 1320W. Histology II. (2 Credits)
This course emphasizes the fundamentals and clinical significance of routine and special histological staining procedures. The student will differentiate between different classes of special stains performed in a histology laboratory. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1320L. Offered: Fall and Spring.

MLTS 1330. Histology III. (1 Credit)
Students practice histotechnology procedures in a supervised histology lab setting. The laboratory component of the course is utilized to develop skills and competencies required to perform routine and special histology procedures. Prerequisites: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1340. Clinical Histology Externship. (5 Credits)
This course is the practicum designed to enhance and refine techniques taught in the first semester. Students are required to complete at least 300 clinical hours in an approved affiliate histology laboratory. Orientation to department and institutional policies and procedures is required. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Fall.

MLTS 1350. Histology V. (2 Credits)
A study of immunohistochemistry procedures and interpretations. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 1360. Histology VI. (1 Credit)
Various professional topics are presented for discussion including board exam reviews, professionalism, laboratory information systems, and management principles. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 2010L. Medical Laboratory Technology III Lab. (2 Credits)
The laboratory component of the course develops the skills and competencies required to perform the diagnostic procedures in clinical microbiology. Prerequisite: BIOL 2211K. Corequisite: MLTS 2010W. Offered: Spring; online and traditional options.

MLTS 2010W. Medical Laboratory Technology III. (2 Credits)
This course presents a study of human clinical bacteriology including general bacteriology, aerobic gram-positive cocci, gram-negative bacilli, gram-negative cocci, gram-positive bacilli and anaerobes. Discussion is centered on the cultivation, methods of identification, antimicrobial susceptibility testing, serological diagnosis and correlation to disease states. Prerequisites: BIOL 2211K, admission into the MLT Program or permission of the program director. Corequisite: MLTS 2010L. Offered: Spring; online and traditional options.

MLTS 2020L. Medical Lab Technology IV Lab. (1 Credit)
The laboratory component is used to develop the skills and competencies required to operate and standardize the instruments utilized in the performance of chemical tests. The use of quality control is emphasized. Corequisite: MLTS 2020W. Offered: Summer; online and traditional options.

MLTS 2020W. Medical Laboratory Technology IV. (3 Credits)
An in-depth study of analytical techniques utilized to measure the biochemical entities of blood and various body fluids. The correlation of test results to human physiology and pathology is emphasized. Prerequisite: CHEM 1212K. Corequisite: MLTS 2020L. Offered: Summer; online and traditional options.

MLTS 2630. Medical Laboratory Technology Externship. (15 Credits)
Students are introduced to the clinical laboratory in an affiliate clinical laboratory setting. The students receive an orientation to each department and an introduction to hospital policies and procedures. Each student rotates through appropriate departments and is allowed to demonstrate and develop their skills and competencies in blood bank, hematology, microbiology, chemistry, phlebotomy and body fluid analysis under the supervision of the laboratory staff instructor. Prerequisites: MLTS 1160, MLTS 1161, MLTS 1182, MLTS 2010, MLTS 2020. Corequisite: MLTS 2670. Offered: Fall.

MLTS 2670. Seminars in Medical Laboratory Science. (1 Credit)
Seminar presentations on various topics related to medical laboratory science (topic reviews for board exams, professionalism, laboratory information systems, case presentations and/or other). Corequisite: MLTS 2630. Offered: Fall; online option only.

Occupational Therapy Assistant, Career Associate of Science

The OTA program is made up of 2 phases: (1) the pre-professional phase and (2) the professional phase. The pre-professional phase is considered the time required to complete all general education coursework and application requirements for the OTA program. After the student has applied and been selected for admission into the program, the student will enter the professional phase.

The OTA Program admits one class of 20 students per year that begins each Fall semester (mid-August). The deadline to apply is **June 1st** of the year you wish to enter the professional phase. The professional phase is completed over 4 semesters (16 months) with the student graduating the following Fall semester (Fall, Spring, Summer, Fall).

The deadline for applying (June 1st) occurs during the SUMMER semester prior to the FALL semester start date. If a student is enrolled in courses that will complete all requirements during the Summer Semester of the June 1 deadline, the student may submit the application with those required courses still in progress. However, the student will not be scored as high as the student that completes the general education coursework prior to the June 1 deadline.

Graduates of the program will be eligible to sit for the National Board for Certification in Occupational Therapy (NBCOT) examination. After successful completion of this examination, the individual will be a Certified Occupational Therapy Assistant (COTA). Most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination.

***If you have a felony, misdemeanor, or have been convicted of legal and/or moral violations, NBCOT and the state licensure board have the right to refuse to grant you certification and/or licensure despite graduation from an accredited program.**

***Please note the OTA program has a selective admissions process, therefore due to the competitive nature of the selection process, careful preparation for application is highly recommended.

OTA Program Advisory Committee

- Mrs. Maggie Brown
- Mrs. Tonya Curles [1]
- Mrs. Charlie Ellis
- Mr. Eddie McCarty
- Mrs. Ashley Maxwell [1]
- Mrs. Sabine Patton
- Mrs. Stacey Sanders [1]
- Mrs. Phyllis Scott
- Mr. Jacob Smith
- Mrs. Kemesha Spears [1]
- Mr. Timothy Ulm
- Ms. Whitney Williams

[1] Denotes Faculty members

Mission

The Occupational Therapy Assistant (OTA) program supports the mission of Albany State University (ASU) and the Darton College of Health Professions in the goal of providing student-centered educational programs for the citizens of southwest Georgia and beyond. The OTA program also supports the Health Sciences Division in its goal of providing diverse program offerings with a comprehensive commitment to the health care learning needs of the area. The OTA program seeks to serve stakeholders in the Southwest Georgia region and beyond with a high standard of excellence in teaching and learning while promoting community and economic development and with a commitment to help each student realize his or her full potential for improved quality of life. The OTA program will provide high quality education to qualified students pursuing an entry-level career as a Certified Occupational Therapy Assistant by promoting a positive work ethic, a desire for leadership, professionalism in the classroom as well as the treatment settings, and a passion to provide the highest quality of patient care.

The Occupational Therapy Assistant Program at Albany State University strives to provide students with the knowledge and competencies needed to:

- Pass the National Board for Certification in Occupational Therapy (NBCOT) examination
- Practice as a generalist in both current practice settings and emerging practice settings as defined by the American Occupational Therapy Association (AOTA)
- Adhere to the upmost levels of professionalism and ethical behaviors
- Be actively involved in state and national occupational therapy associations and to become life-long learners

Degree

Upon successful completion of the program, students will earn an Associate of Science degree and will be academically eligible for licensure by examination.

Accreditation

The Occupational Therapy Assistant program is accredited by the:

Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA)
4720 Montgomery Lane
Suite 200
Bethesda, MD 20814-3449.

AOTA's telephone number, C/O AOTA, is 301-652-AOTA and the web address is www.acoteonline.org (http://www.acoteonline.org).

Graduates of the program will be able to sit for the national certification examination for the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this examination, the individual will be a Certified Occupational Therapy Assistant (COTA). Most states require licensure in order to practice; however, state licenses are usually based on results of the NBCOT Certification Examination.

Individuals who have been convicted of a felony may not be eligible for licensure. If convicted of a felony, it is recommended that you contact the Occupational Therapy Board in the state where you plan to seek licensure to verify your eligibility for licensure. All students will be required to complete a national criminal background check prior to placement in clinical externships. Some clinical facilities may also require a drug screen prior to placement (students may be responsible for payment). The clinical affiliate determines whether a student can participate in the clinical rotation based upon the results of the background check and drug screen.

Additional OTA Program Requirements

1. The OTA program requires a full-time commitment from the student. Generally, classes will be scheduled Monday through Friday from 8:00am-5:00pm with some evening and/or weekend time commitments As Needed.
2. Since clinical education is a critical component of the program, all clinical practicums must be passed. Traveling out of town will be necessary. Students are responsible for their own transportation, food and lodging during the practicums unless other arrangements are made by the clinical site or student.
3. Students must provide evidence of the following prior to the first clinical practicum:
   a. Health insurance (available through ASU).
   b. Completed health form, including evidence of initiation of the Hepatitis B Vaccine series.
   c. Cardiopulmonary resuscitation (CPR) certification – American Heart Association BLS Health Care Provider course must be maintained throughout the program.
   d. Malpractice insurance (available through ASU).
   e. Signed letter of confidentiality and honor code.
4. The student is expected to assume responsibility for his/her own health in the event of illness, accident, or exposure to communicable disease.
5. A minimum grade of "C" is required in all OTA courses to advance in the program.
6. Fieldwork must be passed to graduate. In the event of unsatisfactory performance, a practicum may be repeated one time within 18 months of completion of didactic course work.
7. Once enrolled in the program, failure to satisfactorily complete the course work in the scheduled sequence will result in the student being withdrawn from the program. The student must re-apply, be re-accepted and repeat ALL determined course work.
8. Students must follow all policies and procedures relevant to Albany State University, the OTA Program, and the fieldwork sites.

9. Membership in state and national professional organizations is encouraged to enhance professional development.
10. All OTA students are required to purchase a name tag, uniforms as specified by clinical sites, stethoscope, sphygmomanometer, goniometer (large and hand) and a watch with a sweeping second hand.
11. In order to successfully complete the clinical fieldwork and work effectively as an OTA, students are required to possess the following functional abilities and critical skills:
    a. Able to stand, walk on all surfaces, stoop, bend, kneel, crouch and sit for long periods of time.
    b. Able to maintain good balance to assist with gait and transfer training.
    c. Able to transfer or maneuver (by self or with assistance) patients weighing up to 300 pounds.
    d. Able to lift, push, pull and carry objects weighing up to fifty pounds.
    e. Able to reach above and below the waist.
    f. Able to manually and visually operate and/or manipulate wheelchair, mobility aids, ambulation devices, instrumentation and equipment.
    g. Able to visually and cognitively assess changes in a patient's condition.
    h. Able to question the patient and relay information about the patient verbally and in writing.
    i. Able to wear appropriate protective equipment and to tolerate unsightly, noxious environments.
    j. Able to manage physical, emotional and mental stress effectively.
    k. Able to tolerate other's value systems, morals, cultures, sexual orientation and religious beliefs.
12. **Re-Admission of Returning Students:** Because of the sequential nature of the course offerings, students must complete all courses in a Semester before advancing in the program. If a student is experiencing a first time failure, the student may re-apply to the OTA program for admission in the next fall class. Students reapplying to the OTA program must maintain the same requirements expected of all applicants outlined in the OTA Application Packet. OTA courses more than two years old will have to be repeated. More than one "D" and/or "F" in the OTA curriculum will result in permanent dismissal from the program. (This may be two courses or failure of the same course twice.)
13. The OTA program reserves the right to discontinue, at any time, the enrollment of an OTA student if, in the judgment of the Vice President for Academic Affairs, the OTA faculty and the Dean of the Health Sciences Division, the student does not appear to have the necessary qualifications for a career as an OTA.
14. Due to the fact that pre-requisites for the Occupational Therapy Masters programs are different, graduation from the OTA program will not necessarily prepare the student for entry into an Occupational Therapy professional education program. Students wishing to pursue a career an Occupational Therapist should enroll as a Health Sciences major.

Program Admissions Requirements

To To be considered for admission to the Occupational Therapy Assistant program, the applicant must:

1. Apply and be fully admitted to Albany State University before May 1st of each year.
    - You may apply on-line at https://gafutures.xap.com/applications/usg/usg_common_app_short/introduction.asp?application_id=2871
    - A $20 application fee (subject to change) is required at the time you apply to the institution. (https://gafutures.xap.com/applications/usg/usg_common_app_short/introduction.asp?application_id=2871)
    - Do not send the ASU application fee to the OTA Program. The two application processes are separate and no additional fee is required when submitting the OTA Program application.
    - For transfer students: Official transcripts must be sent to the Albany State University Office of the Registrar and must be received by the June 1st deadline.
    - **Please note that admission to the College **does not** ensure admission into the OTA program.**
2. Electronically submit your FASFA application for Financial Aid before May 1st of each year.
    - For information on completing your FASFA application, please visit the ASU financial aid information page at the following location: https://www.asurams.edu/financial-aid-home/
3. Submit the completed OTA application by the June 1st.The student must complete an Occupational Therapy Assistant (OTA) Program Application Packet. It is the responsibility of the applicant to ensure all application material has been completed as directed and submitted by the deadline.
4. GRADE POINT AVERAGE: Applicants must have a minimum cumulative grade point average of 2.5 or higher for all college or university level courses taken, or a 2.5 or higher grade point average for the last 40 credit hours completed to be considered for program admission. The general education GPA coursework must be completed with no grade below a "C". Students that do not meet these GPA requirements will not be considered for program admission.
    - Please note that the last 40 hours earned option is a "forgiveness" GPA for those that may have performed poorly in his or her initial college coursework and has since significantly improved.
5. **OBSERVATION HOURS:** Applicants must complete a minimum of 40 observation hours in two or more occupational therapy settings. It is the student's responsibility to arrange these observation hours.
    - The hours must be documented and verified/signed by an occupational therapist or occupational therapy assistant.
    - You may submit any documentation form from the facility or utilize the **Observation Hours Form** located within the application packet on page 10.
6. **RECOMMENDATION FORMS**: At least two recommendation forms must be completed by an OT or OTA. The required **Recommendation Form** is located within the application packet on pages 11 and 12 and may be photocopied for additional recommendations.
7. **IMMUNIZATION FORM:** Must have immunizations completed with current PPD within 3 months of June 1 deadline. The required **Certificate of Immunization Form** is located within the application packet on page 13 and may be photocopied.
8. **GENERAL EDUCATION COURSEWORK:** To receive full consideration of your completed application, 8 general education courses must be completed before the June 1st application deadline. Candidates that have remaining courses that will be completed in the Summer Semester prior to the start of the program will be rated lower than those that have completed all general education courses before the application deadline.

- All required general education courses must be completed with a grade of "C" or higher.

9. **UNOFFICIAL TRANSCRIPTS:** Copies of unofficial transcripts for all colleges or universities ever attended must be submitted with the OTA program application.
10. **PROOF OF HEALTH INSURANCE:** Proof of health insurance must be provided prior to the start of the OTA program. Please do not submit proof with this application packet. If you are selected for the program, then additional information will be given to you at orientation for the submission of proof of health insurance. For additional information regarding this University System of Georgia requirement, refer to the link on the Albany State University website. https://www.uhcsr.com/
11. **AND WRITTEN ESSAY**: Applicants must include a *hand-written* essay explaining why you have chosen OTA as a career. (There is no required length for the essay, but it is recommended that you submit a paper that is at least two pages in length to fully answer the question.)
12. **TEAS TEST REQUIREMENT:** Submit a copy of the TEAS score report. Please refer to page 15 of this application packet for more information.

Selection Process

The OTA Selection Committee reviews and scores each application based on the following criteria: grade point averages (Cumulative G.P.A. or for the last 40 credit hours and G.P.A. for all required general education courses), the total number of hours observed in two or more occupational therapy settings, the quality of the hand written essay, TEAS score report results, the quality of the received recommendations, and the completion status of general education courses.

Applicants will be notified via email no later than June 15th. Correspondence of acceptance or regret will be made through email and should be sent to OTA Selection Committee no later than July 1st. The Albany State University OTA Program does not utilize a waiting list and those denied acceptance must reapply the following year. Application information such as volunteer hours and essays can be reused for reapplications.

Legal Limitations

Individuals who have been convicted of a felony or misdemeanor may not be eligible for licensure. If convicted of a felony or misdemeanor, it is recommended that you contact the Occupational Therapy Board in the state where you plan to seek licensure to verify your eligibility for licensure. All students will be required to complete a national criminal background check prior to placement in clinical externships. Some clinical facilities may also require a drug screen prior to placement (students may be responsible for payment). The clinical affiliate determines whether a student can participate in the clinical rotation based upon the results of the background check and drug screen. Should the student be denied clinical placement, he or she cannot progress through the program and will be dismissed. Careful consideration of any questionable record should be carefully scrutinized prior to application. The National Board for Certification in Occupational Therapy (NBCOT) also performs background checks to determine the eligibility of graduates to take the certification exam. You can request an Early Determination Review prior to applying for the OTA Program by contacting NBCOT.

GEORGIA STATE BOARD OF OCCUPATIONAL THERAPY: https://sos.ga.gov/index.php/licensing/plb/36

NATIONAL BOARD FOR CERTIFICATION IN OCCUPATIONAL THERAPY: www.nbcot.org (http://www.nbcot.org)

Non-Discrimination Policy

Albany State University's Darton College of Health Professions, in compliance with Federal law, does not discriminate based on race, color, national origin, handicap, sex, religion, or age in any of its policies, practices, or procedures. This includes but is not limited to admissions, employment, financial aid, and educational services.

The faculty of the Occupational Therapy Assistant program acknowledges Section 504 of the Rehabilitation Act of 1973 and PL 103-336, The **Americans with Disabilities Act**and will consider for admission, progression, and graduation candidates who demonstrate the ability to perform the essential abilities. These standards are admission guidelines and are subject to continuing revision and improvement.

Career Associate of Science Degree Programs

Course	Title	Semester Hours
Freshman Year		
Fall		
Courses required for program admission		
The following general education course requirements totaling 26 hours must be completed prior to program attendance		
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
PSYC 1101	General Psychology	3
MATH 1111	College Algebra	3
	Semester Hours	13
Spring		
Courses required for program admission		
BIOL 2412K	Human Anatomy and Physiology II	4
ARTS 1100	Art Appreciation [1]	3
PSYC 2103	Human Growth & Development	3
POLS 1101	American Government	3
	Semester Hours	13
Sophomore Year		
Fall		
OTA Core Curriculum Courses		
OTAS 1100	Introduction to Occupational Therapy	2
ALHE 1104	Intro to Disease Conditions	2
OTAS 1105	Patient Skills for the OTA	2
OTAS 1111	Functional Anatomy and Kinesiology	4
ALHE 1120	Medical Terminology	2
	Semester Hours	12
Spring		
OTAS 1121	Therapeutic Media	2
OTAS 1131	Physical Function in Occupation I	4
OTAS 1140	Psychosocial Function in Occupation	3

OTAS 1145	Developmental Function in Occupation	3
	Semester Hours	12
Summer		
OTAS 1132	Physical Function in Occupation II	4
OTAS 2200	Assistive Techniques and Technologies	3
OTAS 2260	Treatment Methods and Management for the OTA	4
	Semester Hours	11
Junior Year		
Fall		
OTAS 2410	Fieldwork Experience Level II A [2]	5
OTAS 2412	Occupational Therapy Seminar	2
OTAS 2420	Fieldwork Experience Level II B [2]	5
	Semester Hours	12
	Total Semester Hours	73

[1] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

[2] ** All OTA students must complete level II fieldwork within 18 months following the completion of academic preparation.
** Fieldwork must be passed with a grade of "C" or better to graduate. In the event of unsatisfactory performance, a practicum may be repeated one time within 18 months of completion of didactic course work.
*** A mandatory NBCOT examination preparation course that is paid for by an assessed student fee will be held at the conclusion of the last semester of the OTA Program upon successful completion of the program and graduation with an Associate of Science in Occupational Therapy Assistant degree.

Depending on your enrollment status, you may be required to take ASU 1101**, "First Year Experience".**

Any OTA course presented for graduation that was completed three calendar years or more prior to the anticipated date of graduation must be successfully challenged or repeated for credit

OTAS 100. Intro to Occupational Therapy. (3 Credits)

OTAS 1100. Introduction to Occupational Therapy. (2 Credits)
The following concepts will be presented: Functional definitions of occupational therapy; the history of occupational therapy, philosophy, and ethics; the roles of occupational therapy professionals; and differentiation of occupational therapist and occupational therapy assistant responsibilities, the reimbursement for O.T. services and professional credentialing. An overview of the particular patient populations which an occupational therapy assistant might interact with is given. Specific types of treatment settings are explored in detail, with the scope of OTA practice examined, including the research data gathering role. Awareness of local and national occupational therapy organizations is emphasized. Demonstrated professional behaviors are encouraged. Corequisites: ALHE 1104, ALHE 1120, OTAS 1105, OTAS 1111. Prerequisite: Admission into the OTA program. Offered: Fall.

OTAS 1105. Patient Skills for the OTA. (2 Credits)
Introduction to concepts and procedures of patient care in occupational therapy. Topics include patient positioning and draping, body mechanics, patient transfers, vital signs monitoring, infection control, aseptic techniques, therapeutic exercise, ADA awareness, confidentiality, adjustment and maintenance of assistive equipment and safety. Corequisites: OTAS 1100, OTAS 1111, ALHE 1104, ALHE 1120. Prerequisite : Admission into the OTA program. Offered: Fall.

OTAS 1111. Functional Anatomy and Kinesiology. (4 Credits)
Analysis of human movement and its impact on function through the integration of biomechanics, kinesiology and applied anatomy. Principles will be reinforced through a problem-solving approach for understanding movement. Goniometric measurements and manual muscle testing of the upper and lower extremities, trunk and head will be included. Prerequisites: Admission into the OTA program. Corequisites: OTAS 1100, OTAS 1105, ALHE 1104, ALHE 1120 Offered: Fall .

OTAS 1121. Therapeutic Media. (2 Credits)
Lecture and laboratory course emphasizing basic media and activities in a therapeutic setting. Focus is placed in lecture sessions on activity analysis. Laboratory focus is based on application of analysis to therapeutic intervention situations. Skill attainment in relation to the actual process of different media tasks will be encouraged. Corequisites: OTAS 1131, OTAS 1140, OTAS 1145. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, ALHE 1104, ALHE 1120. Offered: Spring.

OTAS 1131. Physical Function in Occupation I. (4 Credits)
The role of the OTA in the evaluative process, treatment, documentation and reassessment is presented. Recognition of specific skills related to adaptive procedures and the grading of tasks for maximized patient gains is examined. Treatment techniques and considerations for specific patient populations with physical dysfuntion related issues are presented. Level 1 fieldwork is a component part of this course offering. Corequisites: OTAS 1121, OTAS 1140, OTAS 1145. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, ALHE 1104, ALHE 1120. Offered: Spring.

OTAS 1132. Physical Function in Occupation II. (4 Credits)
A continuation of the OTAS 1131 course. Emphasis is placed upon the OTA in the evaluative process, treatment role and documentation for the patient population related to physical dysfunction. The role of the OTA across the continuum of care is viewed. Systematic examination of the OTA in the treatment process and appropriate problem-solving is encouraged. Corequisites: OTAS 2200, OTAS 2260. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145, ALHE 1104, ALHE 1120. Offered: Summer.

OTAS 1140. Psychosocial Function in Occupation. (3 Credits)
Etiology, diagnosis and treatment of psychiatric conditions encountered in the clinical setting by Occupational Therapy Assistants. Occupational therapy treatment techniques for remediation and prevention across the life-span continuum are covered. Recognition of the use of psychotropic medications in psychiatric treatment and corresponding possible side effects are studied. Level 1 fieldwork observations and field trips will be part of this course. Prerequisites: ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111 Corequisites: OTAS 1121, OTAS 1131, OTAS 1145 Offered: Spring.

OTAS 1145. Developmental Function in Occupation. (3 Credits)
Examination of the process of evaluation, treatment and documentation for the OTA in settings working with a caseload involving development dysfuntion. Emphasis is placed on developmental factors across ages and populations. Adaptive coping techniques and skills will be explored, with focus on practical problem solving. Level 1 fieldwork placement will be a component part of this course offering. Corequisites: OTAS 1121, OTAS 1131, OTAS 1140. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, ALHE 1104, ALHE 1120. Offered: Spring.

OTAS 2200. Assistive Techniques and Technologies. (3 Credits)
The use and modification of adaptive devices and equipment is studied. Creative problem-solving regarding specific medical conditions is encouraged through the development of adaptive equipment. Proper patient positioning in the therapeutic and home environment is examined. Further development of static and dynamic splinting skill techniques for diverse patient treatment needs will be learned. The ability to analyze and problem-solve regarding overcoming environmental barriers is fostered. Issues related to increasing safety and functional mobility are explored. Corequisites: OTAS 1132, OTAS 2260 Prerequisites: ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145 Offered: Summer.

OTAS 2260. Treatment Methods and Management for the OTA. (4 Credits)
This course enables the student to apply specialized occupational theory, skills and concepts learned in the didactic coursework to the clinic. Topics include common diagnoses seen, treatment environments, and treatments for areas of occupation including ADL, IADL, education, work, play, leisure, and social participation. Students will be required to develop applications for enabling function for mental health and physical well-being through occupational therapy assessment/evaluation, intervention, and patient/client education. Techniques and applications used in traditional and non-traditional practice settings will be explored. Students will develop an awareness of activity demands, contexts, adapting, grading, and safe implementation of occupations or activities. Course will also create a discussion forum addressing events, skills, knowledge, and/or behaviors related to the practice environment. This will include legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation. Test-taking strategies for certification exams and the process for getting licensed will also be presented. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145, ALHE 1104, ALHE 1120. Corequisites: OTAS 1132, OTAS 2200. Offered: Summer.

OTAS 2410. Fieldwork Experience Level II A. (5 Credits)
Full-time fieldwork experience following the completion of all didactic course work. The fieldwork program involves students in experiences with clients, patients, therapists and others in the health care community. Participation in Level II fieldwork placements allows application of classroom theory and academic knowledge base. The fieldwork will be available in various settings providing opportunities for experience with diverse patient/client populations. The student fieldwork intern will experience various service delivery models reflective of current practice in the profession. Fieldwork internships are carried out in accordance with contractual agreements with health care facilities. Level II fieldwork internships are an integral part of the educational process and must be successfully completed within 18 months of the end of the didactic course work. Corequisites: OTAS 2420, OTAS 2412. Prerequisites: Completion of all didactic course work; ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1132, OTAS 1140, OTAS 1145, OTAS 2200, OTAS 2260 Offered: Fall or at the discretion of the Program Director.

OTAS 2412. Occupational Therapy Seminar. (2 Credits)
This course is designed to provide for the transition from the student role to the graduate role. Analysis of ethical, professional, and social issues affecting OTA practice will occur. Emphasis will be on preparation for national and state credentialing requirements and promotion of life-long learning. There will be ongoing learning of program evaluation, reimbursement mechanisms, healthcare legislation, federal and state regulations, the responsibility of the professional and consumer, and the professional rules and responsibilities of the OTA. The student will be expected to understand the role of health professionals in changing healthcare systems, administration, management, and research. Participation in a Web-based course covering review of national exam material will occur throughout the semester. Students will be required to complete case study assignments based on clinical experiences during Level II fieldwork. Students are also required to complete mock board exams in preparation for the national certification exam. Corequisites: OTAS 2410, OTAS 2420. Prerequisites: ALHE 1104, ALHE 1120, OTAS 1100, OTAS l105, OTAS 1111, OTAS 1121, OTAS l131, OTAS 1132, OTAS 1140, ALHE 1145, OTAS 2200, OTAS 2260. Offered: Fall.

OTAS 2420. Fieldwork Experience Level II B. (5 Credits)
Full-time fieldwork experience following the completion of all didactic course work. The fieldwork program involves students in experiences with clients, patients, therapists and others in the health care community. Participation in Level II fieldwork placements allows application of classroom theory and academic knowledge base. The fieldwork will be available in various settings providing opportunities for experience with diverse patient/client populations. The student fieldwork intern will experience various service delivery models reflective of current practice in the profession. Fieldwork internships are carried out in accordance with contractual agreements with health care facilities. Level II fieldwork internships are an integral part of the educational process and must be successfully completed within 18 months of the end of the didactic course work. Prerequisite: Completion of all didactic course work; ALHE 1104, ALHE 1120, OTAS 1100, 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1132, OTAS 1140, OTAS 1145, OTAS 2200, OTAS 2260 Corequisites: OTAS 2410, OTAS 2412. Offered: Fall or at the discretion of the Program Director.

Phlebotomy Certificate

Phlebotomists work directly with patients. Phlebotomists are responsible for the collection of blood samples from the patient to be used for laboratory testing. Phlebotomists must also be accurate, work well under pressure and communicate effectively. Phlebotomists work under the supervision of Clinical Laboratory Scientists.

Admission Requirements

- Admission to Albany State University
- Completion of Phlebotomy Program Application
- Completion of any required learning support courses
- Acceptable Background Check
- Immunizations: MMR X 2, Varicella X2, HBV X 3 Immunization Records or documented proof of immunity.
- Grade Point Average of 2.0 is required and a minimum grade of “C” in each of the professional courses (PHLE 1101 & PHLE 1102)
- NOTE Clinical affiliates may require additional documents including immunizations (seasonal flue, TB skin test) and drug screens.

Additional requirements

Students are required to have a physical exam completed by a licensed medical professional. The exam is based on satisfactorily completing or demonstrating the following skills:

- Visual acuity (with or without corrective lenses) to observe and perform technical procedures; to identify and differentiate specimens, reagents and equipment; to read laboratory manuals, procedures, policies, specimen labels and materials pertinent to professional practice.
- Physical ability to manipulate laboratory instruments and equipment in a manner consistent with operational procedures.
- Manual dexterity to operate laboratory equipment and use tools in a manner consistent with operational guidelines

Additional Costs and Fees

In addition to tuition, fees and books, costs include the following:

Item	Cost
Liability insurance	$18.00
Uniforms/lab coats/ID badges	$115.00
Laboratory Supplies (gloves, masks, face shields, markers & pens)	$50.00
Specified Immunizations (MMR, HBV, Varicella, Flu)	$200.00
Background Check	$50.00
	$433.00

Drug screens: In addition to the above fees, students may be required to have a drug screen prior to clinical placements. Fees may vary by clinical affiliate and are generally less than $100.00.

Clinical Assignments

Clinical assignments are made by the Phlebotomy Faculty with approved program affiliates only. Students must be prepared to travel to their assigned clinical training facility.

Phlebotomy Re-Admission Criteria

Students who do not progress in PHLE Program courses as outlined by the curriculum guide may be considered for readmission provided:

1. They meet ASU admission criteria.
2. They meet PHLE Program admission criteria.
3. They do not have more than one “D” or “F” in program courses.
4. Course enrollment will be permitted on a space-available basis and only if prerequisites are met.

Administrative Withdrawals

Students may be withdrawn from the program and/or from a clinical affiliate for lack of competence, if determined to post a threat to the health or safety of others; for failure to comply with the Albany State University Code of Conduct or failure to comply with the policies of a clinical affiliate.

Drug Screen and Criminal Background Checks

Students may be subject to drug screens and criminal background checks as a requirement for participating in program activities.

Students are also subject to drug screens requested at random or for probable cause. Students may be prevented from participating in program activities until results are provided and they are approved for return to program activities.

Depending on your enrollment status, you may be required to take ASU 1101**, “First Year Experience.”**

Recommended Courses for Certificate Program

Students must have completed all required Learning Support courses before admission to the program is granted. A Certificate of Completion will be awarded when all program certificate requirements are satisfied.

Code	Title	Semester Hours
Fall Term		
PHLE 1101	Phlebotomy I	2
Spring Term (A or B)		
PHLE 1102	Clinical Phlebotomy II	4
Total Semester Hours		6

Physical Therapist Assistant, Career Associate of Science

Program Information

The mission of the Albany State University Physical Therapist Assistant Programs is to graduate knowledgeable, competent, self-assured, adaptable, and service-oriented physical therapist assistants.

The Physical Therapist Assistant (PTA) Program at Albany State University is accredited by the

Commission on Accreditation in Physical Therapy Education (CAPTE)
1111 N. Fairfax Street
Alexandria, VA 22314

Telephone: 703-706-3245
E-mail: accrediation@apta.org
Website: http://www.capteonline.org

Admission to the program is a two-step process. Students may declare a PTA plan of study upon college enrollment while completing prerequisite coursework for the purpose of advisement. However, this does not guarantee admission to the program.

After successful completion of the four semester PTA program, this includes both didactic and clinical components; an Associate of Science degree will be awarded. Graduates will be academically eligible to apply for national licensure by examination through the Georgia State Board of Physical Therapy. It is noted that permission to take the examination is granted by the Georgia State Board of Physical Therapy. The board

has the right to refuse to grant a license to any individual who has been convicted of legal and/or moral violations specified by Georgia law.

After satisfactory performance on the examination, licensed physical therapist assistants will be qualified for entry-level employment in hospitals, rehabilitation centers, outpatient clinics, and other health care settings.

The PTA program reserves the right to discontinue, at any time, the enrollment of a PTA student if, in the judgment of the Provost / Vice President for Academic Affairs, the PTA faculty, and the Dean of the Health Sciences Division, the student does not appear to have the necessary qualifications for a career as a PTA.

Additional PTA Program Requirements

1. The PTA program requires a full-time commitment from the student. Generally, classes will be scheduled Monday thru Thursday from 9:00 am to 5:00 pm with some evening and/or Friday/weekend time commitments As Needed.
2. Since clinical education is a critical component of the program, all clinical practicums must be passed. Some out of town travel will be necessary. Students are responsible for their own transportation, food, and lodging during the practicums unless other arrangements are made by the clinical site or student.
3. Students must provide evidence of the following prior to clinical experiences:
   a. Completed health form, including evidence of the hepatitis B vaccine series, influenza, PPD, varicella, MMR, and other immunizations as required by the program.
   b. Cardiopulmonary resuscitation (CPR) certification - American Heart Association BLS Health Care Provider course. This must be maintained throughout the program.
   c. Malpractice insurance (available through Albany State University).
   d. Signed letter of confidentiality and honor code.
   e. Signed consent form to release health information and immunization records as required by individual clinical affiliation sites.
   f. Proof of health insurance is required.
   g. Drug screen and/or background check.
4. The student is expected to assume responsibility for his/her own health in the event of illness, accident, or exposure to communicable disease.
5. A minimum grade of "C" is required in each PTA didactic course to advance in the program.
6. Clinical practicums must be passed to graduate. In the event of unsatisfactory performance, one practicum may be repeated one time only during the Spring Semester if deemed appropriate by the clinical faculty.
7. Once enrolled in the program, failure to satisfactorily complete the coursework in the scheduled sequence will result in the student being withdrawn from the program. The student would have to reapply, be re-accepted, and repeat appropriate coursework.
8. Students must follow the policies and procedures of the PTA program.
9. Membership in the American Physical Therapy Association is strongly recommended to enhance professional development.
10. All PTA students are required to purchase uniforms as specified by clinical sites and a clinical kit, which includes a stethoscope, blood pressure cuff, goniometer, and other commonly needed clinical items.
11. In order to successfully complete the clinical practicums and work effectively as a PTA, students are required to possess the following functional abilities and critical skills:
    a. Able to stand, walk on all surfaces, stoop, bend, kneel, crouch, and sit for long periods of time.
    b. Able to maintain good balance to assist with gait and transfer training.
    c. Able to lift, push, pull, and carry objects weighting up to fifty pounds.
    d. Able to reach above and below the waist.
    e. Able to manually, auditorially, and visually operate and/or manipulate wheelchairs, mobile aids, ambulation devices, instrumentation, and equipment.
    f. Able to visually and cognitively recognize changes in a patient's condition.
    g. Able to effectively communicate with patients and relay information about a patient verbally and in writing.
    h. Able to wear appropriate protective equipment and to tolerate unsightly, noxious environments.
    i. Able to manage physical, emotional, and mental stress effectively.
    j. Able to tolerate others' value systems, morals, cultures and religions, which may be different from your own.
    k. Able to exhibit professional behavior and ethical conduct in a clinic and classroom.
    l. Able to problem solve rapidly, demonstrate the ability to learn and reason, and to integrate, analyze, and synthesize date concurrently.
    m. Able to multi-task in multiple settings.
    n. Health insurance (available through Albany State University).

Re-Admission of Returning Students

Any student who fails a PTA course will not be able to progress to the next semester of PTA courses. If this is the student's first failure, the student may re-apply to the PTA Program for the following year. Students will be readmitted only when there is space available. The student must re-apply and will be ranked along with all program applicants based on the admission criteria. The readmitted student must retake all coursework beginning in the first semester of the professional phase. If the student fails for a second time, it will result in permanent dismissal from the program without chance of re-admission.

Depending on your enrollment status, you may be required to take ASU 1101**, "First Year Experience."**

Program Applications

PTA Program Applications may be picked up in the Health Sciences Division Office J-210 or downloaded from the Albany State University website https://www.asurams.edu/academic-affairs/dchealthprof/docs/PTA-Application.pdf

Deadline for all PTA application material to be turned in is June 1 of each year.

To be considered for admission into the Physical Therapist Assistant program, the applicant must:

1. Be admitted to Albany State University
2. Have a minimum cumulative grade point average (GPA) of 2.8 or a 2.8 GPA or higher for the last 40 credit hours attempted.
3. Have all core curriculum coursework completed with a grade of "C" or higher prior to the start date of the Fall Semester to which they are applying. Prerequisites completed more than five years prior to the date of application are subject to approval by the PTA Selection Committee.
4. Complete the PTA application packet including:
   a. Application for admission to the PTA program
   b. Core Curriculum Information Form
   c. Documentation of at **least** 40 hours of observational experience in one or more physical therapy settings. Hours should be verified by the signature of a physical therapist or a physical therapist assistant on the "Observational Hours/Recommendation Form" found in the application packet.
   d. TEAS V scores

One class per year will be selected and will begin each Fall Semester. Incomplete application packets and/or applications received after June 1 may not be considered. Preliminary selection criteria, including GPA and observational hours completed, are ranked by the PTA Selection Committee. All applicants who meet the admission criteria will be invited for a personal interview. Offers of acceptance will be made based on the final ranking of those interviewed.

Due to the fact that core curriculum course requirements for Physical Therapy programs are different, graduation from a PTA program is not a "stepping-stone" and will not prepare the student for entry into a Physical Therapy professional education program. Students wishing to pursue a career as a physical therapist should enroll in an Associate of Science in Core Curriculum.

Career Associate of Science Degree Program

Students should declare an Associate of Science for Core Curriculum focused in Health Career pathways. The secondary major should be listed as PTA (0263) plan of study upon college enrollment for the purpose of advisement while completing the core curriculum coursework below. However, declaring this plan of study does not guarantee admission into the PTA Program. The following schedule is an example of required coursework.

After completion of the Core Curriculum courses (listed below under Freshman year) and acceptance into the PTA Program, the schedule will continue at the sophomore year. This is a full-time program and the following classes must be taken in the order they are listed. An overall grade of "75 or higher" is required in each class in order to remain in the program. Failure to satisfactorily complete the coursework in the scheduled sequence will result in the student being withdrawn from the program.

Course	Title	Semester Hours
Freshman Year		
Fall		
ENGL 1101	English Composition I	3
MATH 1111	College Algebra	3
BIOL 2411K	Human Anatomy and Physiology I	4
PSYC 1101	General Psychology	3
	Semester Hours	13
Spring		
POLS 1101	American Government	3
BIOL 2412K	Human Anatomy and Physiology II	4
PSYC 2103	Human Growth & Development	3
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1]		3
	Semester Hours	13
Sophomore Year		
Fall		
PTAS 1100	Intro to Physical Therapy	1
PTAS 1110	Function Anatomy & Kinesiology	4
PTAS 1115	Clinical Pathology	3
PTAS 1125	Physical Agents	4
	Semester Hours	12
Spring		
PTAS 1105	OrientationPatient Care Skills	3
PTAS 1121	Therapeutic Exercise I	4
PTAS 1130	Appl Neurology & Gait Analysis	3
PTAS 2010	Clinical Practicum I	2
	Semester Hours	12
Summer		
PTAS 1122	Therapeutic Exercise/Spec Pop	4
PTAS 1135	Seminar/Phy Ther Assistant I	2
PTAS 2050	Therapeutic Exercise II	3
PTAS 2100	Neurological Rehabilitation	3
	Semester Hours	12
Junior Year		
Fall		
PTAS 2020	Clinical Practicum II	5
PTAS 2025	Clinical Practicum III	5
PTAS 2200	Seminar for Physical Therapy Assistants II	2
	Semester Hours	12
	Total Semester Hours	74

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience."

[1] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

PTAS 1100. Intro to Physical Therapy. (1 Credit)
Explanation of the philosophy and history of the physical therapy profession and its relationship to other health care agencies and providers. Topics include: introduction to the structure and function of the American Physical Therapy Association, the development of the Physical Therapy Association, medical-legal aspects and professional ethics, critical thinking/problem solving and an introduction to documentation. Prerequisite: Admission to PTA program. Corequisite: PTAS 1110, PTAS 1115, PTAS 1125. Offered: Fall.

PTAS 1105. OrientationPatient Care Skills. (3 Credits)
Orientation of basic concepts and procedures of patient care in physical therapy. Topics include documentation and chart review, basic administrative skills, teaching and learning principles, patient positioning and draping, body mechanics, vital sign monitoring, transfers, assistive devices and gait training, infection control, aseptic techniques, architectural barriers and accessibility, special patient care equipment and environment and basic soft tissue techniques. Prerequisites: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125. Corequisites: PTAS 1121, PTAS 1130, PTAS 2010. Offered: Spring.

PTAS 1110. Function Anatomy & Kinesiology. (4 Credits)
Understanding of human movement and its impact on function through the integration of biomechanics, kinesiology, and applied anatomy. Principles will be reinforced through a problem-solving approach. Goniometric measurements, manual muscle testing, and palpation skills of the upper extremity, lower extremity, trunk, and head will be included. Corequisites: PTAS 1100, PTAS 1115, PTAS 1125. Prerequisite: Admission to PTA Program. Offered: Fall.

PTAS 1115. Clinical Pathology. (3 Credits)
The pathophysiology of selected disorders commonly encountered in physical therapy. Etiology, signs and symptoms, diagnostics, treatment, and prognosis of disease and injury will be included. This is an on-line course. Corequisites: PTAS 1100, PTAS 1110, PTAS 1130. Prerequisite: Admission to PTA Program. Offered: Fall.

PTAS 1121. Therapeutic Exercise I. (4 Credits)
Emphasizes demonstration and practice of common therapeutic exercise utilized in physical therapy that include active, active assistive, and passive range of motion. Data collection and performance of manual muscle testing and special tests will be explored along with treatment interventions for common musculoskeletal disease, dysfunction, and injury for treatment of neck, shoulder, arm, hand, postural abnormalities, and body mechanics with an emphasis on ergonomics. Principles of patient care will be developed utilizing critical thinking and problem-solving skills in the selection and application of treatment interventions based on the plan of care. Prerequisites: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125. Corequisites: PTAS 1105, PTAS 1130, PTAS 2010. Offered: Spring.

PTAS 1122. Therapeutic Exercise/Spec Pop. (4 Credits)
Advanced therapeutic exercise techniques used in specialty areas of physical therapy, including, but not limited to: arthritis, wound care, burns, cardiopulmonary, peripheral vascular disease, geriatrics, amputation, women's health, cancer and chronic pain. Corequisites: PTAS 1125, PTAS 1135, PTAS 2050. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1130, PTAS 2010, PTAS 2100. Offered: Summer.

PTAS 1125. Physical Agents. (4 Credits)
Therapeutic properties and application of physical agents used in the delivery of physical therapy services. Electromyography will be included. Emphasis is on problem-solving skills necessary to provide an integrated approach to patient care. Students must demonstrate basic skill acquisition in using equipment and the ability to choose appropriate physical agents based on the physical therapist's plan of care. This course is web-enhanced. Corequisites: PTAS 1100, PTAS 1110, PTAS 1115. Prerequisite: Admission to PTA Program. Offered: Fall.

PTAS 1130. Appl Neurology & Gait Analysis. (3 Credits)
Basic neurophysiological concepts used as a foundation for understanding normal and abnormal function. Theory and application of fundamental neuro-anatomy and physical data collection techniques will be introduced. Normal and abnormal gait concepts are covered. Part-time clinical experience will be included. Corequisites: PTAS 1105, PTAS 1121, PTAS 2010. Prerequisite: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125. Offered: Spring.

PTAS 1135. Seminar/Phy Ther Assistant I. (2 Credits)
Adaptation of psychosocial principles in the development of self-understanding and communication with patients, families, the public and other health care teams. Develops basic administrative skills in scheduling patients, patient charges, explanation of reimbursement, important of incidence report, risk management and continuous quality improvement. The Rules and Laws of the Georgia State Board of Physical Therapy will be explored. Clinical professionalism is also emphasized along with time management and professional development. Corequisites: PTAS 1122, PTAS 2100, PTAS 2050. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1125, PTAS 1130, PTAS 2010. Offered: Summer.

PTAS 2010. Clinical Practicum I. (2 Credits)
First full-time clinical experience in which students integrate component clinical skills and prerequisite knowledge into a patient management framework. Emphasis is on the development of critical thinking abilities, professional and ethical behaviors, responsibility, and effective management of time and resources. This practicum is 40 hours per week for 3 weeks. Corequisites: PTAS 1105, PTAS 1121, PTAS 1130. Prerequisite: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125.Offered: Spring.

PTAS 2020. Clinical Practicum II. (5 Credits)
Second full-time clinical rotation in which the student gains additional experience in a health care facility observing and practicing skills under the supervision of a clinical instructor. The student will implement patient care utilizing knowledge from all didactic coursework for critical thinking and problem-solving in the selection and application of treatment interventions based on the physical therapist's plan of care. This practicum is 40 hours per week for 6 weeks. Corequisites: PTAS 2025, PTAS 2200. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1122, PTAS 1125, PTAS 1130, PTAS 1135, PTAS 2010, PTAS 2050, PTAS 2100. Offered: Fall.

PTAS 2025. Clinical Practicum III. (5 Credits)
Final clinical experience in which students achieve refinement of all competencies from Clinical Practicums I & II, as well as expansion into other areas of physical therapy care while under the supervision of a clinical instructor. Upon successful completion, the student will demonstrate entry-level competency as a physical therapist assistant. The student will demonstrate strong cognitive, motor, and organizational skills. He/she will handle the responsibilities and possess the sound judgment required of a physical therapist assistant. The practicum is 40 hours per week for 6 weeks. Corequisites: PTAS 2020, PTAS 2200. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1122, PTAS 1125, PTAS 1130, PTAS 1135, PTAS 2010, PTAS 2050, PTAS 2100. Offered: Fall.

PTAS 2050. Therapeutic Exercise II. (3 Credits)
Continues education from Therapeutic Exercise I for data collection and performance of manual muscle testing and special tests along with treatment interventions for common musculoskeletal disease, dysfunction, and injury for treatment of the spine, hip, knee, ankle, foot, and gait abnormalities. Principles of patient care will continue to be utilized, along with critical thinking and problem-solving skills in the selection and application of treatment interventions based on the plan of care. Corequisites: PTAS 1122, PTAS 1135, PTAS 2100. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1125, PTAS 1130, PTAS 2010. Offered: Summer.

PTAS 2100. Neurological Rehabilitation. (3 Credits)
Principles of patient management of adults and children with central nervous system disorders utilizing neurophysiological data collection methods and treatment interventions. General topics will include cerebrovascular accidents, pediatrics, spinal cord injury, head injury, and other selected disorders commonly referred for physical therapy. This class meets 7.5 hours per week for 10 weeks.Corequisites: PTAS 1122, PTAS 1135, PTAS 2050. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1125, PTAS 1130, PTAS 2010. Offered: Summer.

PTAS 2200. Seminar for Physical Therapy Assistants II. (2 Credits)
An exploration of the clinical experience through the presentation of a case study (both written and orally.) Topics will include interview skills, resume skills, and preparation/review for state board examinations. Corequisites: PTAS 2020, PTAS 2025. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1122, PTAS 1125, PTAS 1130, PTAS 1135, PTAS 2010, PTAS 2050, PTAS 2100. Offered: Fall.

Radiologic Science, Career Associate of Science

The Career Associate of Science degree in Radiologic Science at Albany State University is a sequence of courses designed to prepare students for positions in radiology departments and related businesses and facilities. Learning opportunities develop academic, clinical, and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of didactic and clinical instruction necessary for successful employment. Graduates have the qualifications of an entry level radiographer and are eligible to sit for the national certification examination for radiographers. The education provided via this program coupled with successful professional credentialing will provide graduates the prerequisite skills necessary to pursue additional training in higher level radiology service areas including but not limited to computerized tomography (CT), mammography, and other specialized modalities.

Pregnancy Policy

Please refer to the program's handbook for the RADS program's complete pregnancy policy. Any student that is pregnant or becomes pregnant while in the Radiologic Science program should consider the following:

1. Exposure to communicable diseases. As a student, one may be exposed to a variety of communicable diseases such as rubella and the Hepatitis C virus which are a serious danger to the developing fetus. It is the pregnant student's responsibility to avoid those patients that may put them at risk.

2. Students are at risk to radiation exposure while performing radiographic exams. Pregnant students must protect themselves and the unborn child(ren) by using radiation protection practices and avoided as much radiation as possible until after the first trimester.

3. If the student's medical condition limits her ability to continue in the program, she may choose to withdraw and continue with the following cohort of RADS students, if a position is available, beginning with the withdrawn course(s). Excessive absences over the specified allowed amount (excused or unexcused) may cause the student to be dropped from that/those course(s).

4. If a student discovers she is pregnant, disclosure of the pregnancy to program faculty is voluntary. If she chooses to disclose the pregnancy, a Disclosure Form will need to be completed and submitted to the program director. A Withdrawal of Disclosure Form is also available to be completed if the student needs to withdraw the disclosure.

Accreditation

The Radiologic Science program at Albany State University is currently accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Contact information is as follows:

Joint Review Committee on Education in Radiologic Technology
20 North Wacker Drive
Suite 2850
Chicago, IL 60606-3182

312-704-5300
312-704-5304 fax
Email: mail@jrcert.org

Graduation Requirements

In addition to college graduation requirements, students must have a grade of "C" or better in all RADS courses. The Radiologic Science program reserves the right to discontinue, at any time, the enrollment of Radiologic Science student, if, in the judgment of the Vice President of Academic Affairs and the Radiologic Science faculty, the student does not appear to have the necessary qualifications for radiologic science.

Readmission of Returning Students

Any student who fails a RADS course will not be allowed to continue onto the next semester of RADS courses. If this is the student's first failure, the student may re-apply to the program the following year. If the student fails a second time, or fails more than one RADS course, it will result in permanent dismissal from the RADS program without a chance of re-admission. If a student withdraws or leaves due to reasons other than failure, the student may re-apply for admission in the following year. However, in any case, prior to readmission, the student must demonstrate continued competency in the completed courses via examination and/or demonstration with the program faculty to determine continued competency in previously completed courses. If a period longer than one year lapses before readmission, the student must reapply to begin the program from the beginning (occupational specific courses repeated not general core). RADS courses more than two years old must be repeated. If a student is dismissed due to disciplinary reasons, that student may not reapply for admission for a period of five years from the time of dismissal.

Application Deadline

Completed application forms must be RECEIVED NO LATER THAN **NOVEMBER 1st** of each year. The application is complete **only** when the information requested is received. Students are responsible for making sure their application is complete. Applications are available electronically on the University's website and as hard copies in the Health Sciences office.

Program Admission

To apply to the Radiologic Science program, the applicant must:

1. Meet all of Albany State University's admission requirements.
2. Have a minimum cumulative GPA of 2.5 on a 4.0 scale.
3. Satisfied all Learning Support requirements.
4. Take the TEAS test. Only two attempts allowed with a minimum of six weeks between attempts.
5. Submit a completed Radiologic Science program application.
6. May submit optional documentation to be evaluated for points prior to deadline. Specific information describing optional documentation is provided in the following paragraphs.
7. To progress successfully through the curriculum and function as a practicing radiologic technologist after graduation, the individual must have:
   a. Visual acuity with or without corrective lenses to view radiographic images, physicians' orders, patients' charts, identifying markers on patients, equipment manuals, to identify respirations of patients, etc.;
   b. Hearing with or without auditory aids to obtain patients' history by interview, to hear audible signals produced by imaging equipment, etc.;
   c. Physical ability to operate equipment (portable and stationary x-ray equipment, stretchers, wheelchairs, patients, immobilization devices, etc.), to sufficiently (minimal impairment of upper and lower extremities) perform CPR, etc.
   d. Manual dexterity to lift patient while placing imaging device, etc.
   e. Speech sufficient to communicate with staff and patients in a timely, effective manner.

Selection Process

Due to limited clinical placements, the program can only accept a certain number of applicants each year. Admission into the program is competitive based on the points system. Each program applicant is ranked by the Radiologic Science program selection committee according to accumulated points determined by criteria including, but not limited to GPA, pre-requisite course grades, TEAS scores, etc. Additional opportunities for points are provided in the next section. In order to increase one's changes of acceptance into the program, it is recommended to complete all possible opportunities for points. By obtaining as many points, one becomes more of a competitive applicant for the program. Admission into the program is non-discriminatory based race, color, religion, gender, age, disability, national origin, or any other protected class.

Additional opportunities for points are as follows:

- Up to three (3) professional recommendation forms from a non-relative can be submitted. These forms can be found in the application packet.
- Applicant's grades in the following courses: MATH 1111; ENGL 1101; BUSA 2101; BIOL 1100K OR BIOL 2411K. Be aware BIOL 1100K may not transfer. BIOL 2411K and BIOL 2412K may be taken in lieu of BIOL 1100K.
- Provided documentation of 40 hours of volunteer service in a radiology department. Documentation of volunteer service must:
  - Be on company letterhead.
  - Provide a description of duties performed.
  - Be signed by supervisory personnel of that facility.
- All of the following clinical forms/documents:
  - Health assessment form
  - Immunization record
  - PPD (tuberculosis skin test or Chest x-ray report)
  - Hepatitis B Vaccination
  - Current influenza vaccination

Application and Document Submission

ASU Health Sciences Division
Radiologic Science Program
Attention: RADS Application Coordinator
2400 Gillionville Road
Albany, GA 31707

Radiologic Science Program telephone is 229-500-2232.
Radiologic Science Program office is on the ASU Gillionville Campus, Building J, Room 224.
Health Sciences telephone is 229-500-2389.

Selection Notification

Letters of acceptance or non-acceptance will be sent out following the selection process. The selection process takes place in November (after the document submission deadline of November 1st) each year. Students are notified by December 1st each year of selection status. Selected students must confirm their intent to enroll in writing within 10 days after the post marked date of their acceptance letter. A student that fails to respond in the appropriate time frame will forfeit their position in the program.

Clinical Obligations Upon Acceptance

If accepted, students will have a clinical component of the program to complete.

Clinical placement is equally distributed among students. Although the majority of the clinical component is carried out during day time hours, less than 25% of the total clinical assignments will be during evening and/or weekend hours. Program clinical locations are mainly located outside the city limits, and all expenses associated with travel are the student's responsibility. Additionally, some program clinical affiliates require drug screens (initial and random), criminal background checks, periodic tuberculosis skin tests and specific vaccinations. If the student is placed in a facility requiring any/all of these items, the cost will be the student's responsibility. If the student did not submit the health documentation (immunization, PPD, HepB Vacc., physical assessment,

etc.) prior to acceptance, these documents will need to be submitted to the RADS program director no later than February 1st following acceptance. Failure to provide this documentation will prevent the student from being allowed to attend clinical settings. These absences will be unexcused and may lead to the student's dismissal from the program.

Courses for Career Associate of Science Degree Program

Course	Title	Semester Hours
Freshman Year		
Spring		
ENGL 1101	English Composition I [2]	3
BIOL 1100K or BIOL 2411K ***and*** BIOL 2412K	Human Anatomy and Physiology for the Health Care Professional [2] or Human Anatomy and Physiology I ***and*** Human Anatomy and Physiology II	4
ALHE 1120	Medical Terminology [2]	2
RADS 1000	Introduction to Radiography and Patient Care [2]	3
RADS 1210	Clinical Imaging I [2]	2
	Semester Hours	14
Summer		
MATH 1111	College Algebra [2]	3
BUSA 2101	Survey of Computer Applications [2]	3
RADS 1020	Radiographic Procedures I [2]	2
RADS 1220	Clinical Imaging II [2]	2
	Semester Hours	10
Fall		
RADS 1040	Radiographic Procedures II [2]	3
RADS 1120	Imaging Science I [2]	4
RADS 1230	Clinical Imaging III [2]	4
POLS 1101	American Government [1]	3
	Semester Hours	14
Sophomore Year		
Spring		
RADS 2060	Radiographic Procedures III [2]	3
RADS 2130	Imaging Science II [2]	4
RADS 2240	Clinical Imaging IV [2]	6
	Semester Hours	13
Summer		
RADS 1100	Principles of Radiation Biology and Protection [2]	3
RADS 2140	Pathology for the Imaging Professional [2]	2
RADS 2250	Clinical Imaging V [2]	3
COMM 1000	Cultural Diversity in Communication [1]	2
	Semester Hours	10
Fall		
RADS 2150	Radiologic Science Review [2]	3
RADS 2260	Clinical Imaging VI [2]	6
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1, 3]		3
	Semester Hours	12
	Total Semester Hours	73

1. These courses can be taken at any time before or during the program. All other courses need to be taken in the prescribed semester or before.
2. These courses require a C or better.
3. Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

RADS 1000. Introduction to Radiography and Patient Care. (3 Credits)
Provides the student with an overview of radiography and patient care. Students will be oriented to the radiographic profession as a whole. Emphasis will be placed on patient care with consideration of both physical and psychological conditions. Introduces a grouping of fundamental principles, practices, and issues common to many specializations in the health care profession. In addition to the essential skills, students explore various delivery systems and related issues. Topics include: ethics, medical and legal considerations, Right to Know Law, professionalism, basic principles of radiation protection and exposure, equipment introduction, health care delivery systems, hospital and departmental organization, medical emergencies, pharmacology/contrast agents, media, OR and mobile procedures patient preparation, death and dying, body mechanics/transportation, basic life support/CPR, and patient care in radiologic sciences. Prerequisite: Program Admission. Offered: Spring.

RADS 1020. Radiographic Procedures I. (2 Credits)
Introduces the knowledge required to perform radiologic procedures applicable to the human anatomy. Emphasis will be placed on the production of quality radiographs, and laboratory experience will demonstrate the application of theoretical principles and concepts. Topics include: introduction to radiographic imaging procedures; positioning terminology; positioning consideration; procedures, anatomy, and topographical anatomy related to body cavities, bony thorax, and abdomen. Prerequisites: ALHE 1120, ENGL 1101, BIOL 1100K, RADS 1000. Corequisite: RADS 1220. Offered: Summer.

RADS 1040. Radiographic Procedures II. (3 Credits)
Continues to develop the knowledge required to perform radiographic procedures. Topics include: anatomy and routine projections of the upper extremities and shoulder girdle; lower extremities; pelvic girdle; anatomy and routine projections of the spine, ribs and sternum. Prerequisites: RADS 1020, RADS 1220. Corequiste: RADS 1230. Offered: Fall.

RADS 1100. Principles of Radiation Biology and Protection. (3 Credits)
Provides instruction on the principles of cell radiation interaction. Radiation effects on cells and factors affecting cell response are presented. Acute and chronic effects of radiation are discussed. Topics include: radiation detection and measurement; patient protection, personnel protection, absorbed dose equivalencies, agencies and regulations, introduction to radiation biology, cell anatomy, radiation/cell interaction and effects of radiation. Prerequisites: Program Admission and RADS 1000. Corequisite: None. Offered: Summer.

RADS 1120. Imaging Science I. (4 Credits)
Content is designed to establish a basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter. Factors that govern the image production process, film imaging with related accessories, and a basis for analyzing radiographic images. Included is the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Actual images will be included for analysis. Prerequisites: MATH 1111 and RADS 1000. Corequisite: None. Offered: Fall.

RADS 1210. Clinical Imaging I. (2 Credits)
Introduces students to the hospital clinical setting and provides an opportunity for students to participate in and/or observe radiographic procedures. Topics include: orientation to hospital areas and procedures, orientation to mobile/surgery, orientation to radiography and fluoroscopy, participation in and/or observation of procedures related to the thoracic and abdominal body cavities. Activities of students are under direct supervision. Prerequisite: Program Admission. Corequisite: RADS 1000. Offered: Spring.

RADS 1220. Clinical Imaging II. (2 Credits)
Continues introductory student learning experiences in the hospital setting. Topics include: patient care, radiation safety practices, equipment utilization, exposure techniques, attend to and/or observation of routine projections of the thoracic and abdominal cavities in general and fluoroscopic procedures, observation of routine projections of the upper extremities and the shoulder girdle and lower extremities, pelvic girdle, and spine, observation of procedures related to the gastrointestinal (GI), genitourinary (GU), and biliary systems and observation of procedure related to minor radiologic procedures. Execution of radiographic procedures will be conducted under direct and indirect supervision. Initial competencies will be obtained. Prerequisites: RADS 1000, RADS 1210. Corequisite: RADS 1020. Offered: Summer.

RADS 1230. Clinical Imaging III. (4 Credits)
Intermediate student learning experiences in the hospital/clinical setting. Topics include: patient care; radiation safety practices, equipment utilization, exposure techniques, attend to and/or observation of routine projections of the thoracic and abdominal cavities, upper and lower extremities, pelvic girdle, and spine, attend to and/or observation of procedures related to the gastrointestinal (GI), genitourinary (GU), and biliary systems, and attend to and/or observation of procedure related to minor radiologic procedures. Execution of radiographic procedures will be conducted under direct and indirect supervision. Additional competencies and evidence of continued competencies will be obtained. Prerequisite: RADS 1220. Corequisite: RADS 1040. Offered: Fall.

RADS 2060. Radiographic Procedures III. (3 Credits)
Continues to develop the knowledge required to perform radiographic procedures. Topics include: gastrointestinal (GI) procedures, genitourinary (GU) procedures, biliary system procedures and special procedures, anatomy and routine projections of the cranium, facial bones, and sinuses, sectional anatomy of the head, neck, thorax and abdomen. Prerequisites: RADS 1040, RADS 1230. Corequisite: RADS 2240. Offered: Spring.

RADS 2130. Imaging Science II. (4 Credits)
Content is designed to impart an understanding of the components, principles and operation of digital imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Guidelines for selecting exposure factors and evaluating images within a digital system assist students to bridge between film-based and digital imaging systems, with a knowledge base in radiographic, fluoroscopic, mobile and tomographic equipment requirements and design. This content also provides a basic knowledge of quality control, principles of digital system, quality assurance and maintenance. Content is designed to provide entry-level radiography students with principles related to computed tomography (CT) imaging and other imaging modalities (i.e., MRI, US, NM, Mammography) in terms of purpose, principles, equipment/material and procedure. Topics include: imaging equipment, digital image acquisition and display, and basic principles of CT and other imaging modalities. Topics include: imaging equipment, digital image acquisition and display, basic principles of CT and other imaging modalities. Prerequisites: BUSA 2101, RADS 1120. Offered: Fall.

RADS 2140. Pathology for the Imaging Professional. (2 Credits)
Content is designed to introduce the student to concepts related to disease and etiological considerations. Pathology and disease as they relate to various radiographic procedures are discussed with emphasis on radiographic appearance of disease and impact on exposure factor selection. Topics include: fundamentals of pathology, trauma/physical injury and systematic classification of disease. Prerequisites: RADS 1000, ALHE 1120, BIOL 1100K. Corequisite: None. Offered: Summer.

RADS 2150. Radiologic Science Review. (3 Credits)
Provides a review of basic knowledge from previous courses and helps the student prepare for national certification examinations for radiographers. Topics include: image production and evaluation, radiographic procedures, anatomy, physiology, pathology and terminology; equipment operation and quality control, radiation protection, and patient care and education. Prerequisites: RADS 1100, RADS 2060, RADS 2130, RADS 2140, RADS 2250. Corequisite: None. Offered: Fall.

RADS 2240. Clinical Imaging IV. (6 Credits)
Continues to provide students with intermediate learning experience in hospital/clinical setting. Students continue to develop proficiency in executing procedures introduced in Radiographic Procedures. Topics include: patient care, radiation safety practices, behavioral and social competencies, performance and/or observation of minor special procedures, special equipment use and participation in and/or observation of cranial and facial radiography. Execution of radiographic procedures will be conducted under direct and indirect supervision. Competencies and evidence of continued competencies will continue to be obtained. Prerequisite: RADS 1230. Corequisite: RADS 2060. Offered: Spring.

RADS 2250. Clinical Imaging V. (3 Credits)
Advanced clinical learning experiences are obtained as students continue to develop proficiency in executing procedures introduced in Radiographic Procedures. Topics include: sterile techniques, participation in and/or observation of minor special procedures, special equipment use and genitourinary system procedures, participation in and/or observation of cranial and facial radiography and competency completion evaluation. Execution of radiographic procedures will be conducted under direct and indirect supervision. Competencies and evidence of continued competencies will continue to be obtained. Prerequisite: RADS 2240. Corequisite: None. Offered: Summer.

RADS 2260. Clinical Imaging VI. (6 Credits)
Provides students with continued hospital setting experience. Students demonstrate increased proficiency levels in skills introduced in all of the imaging procedures courses and practiced in previous clinical imaging courses. Topics include: patient care, behavioral and social competency, advanced radiographic anatomy, equipment utilization, exposure techniques, sterile techniques, integration of procedures and/or observation of angiographic, interventional, minor special procedures, integration of procedures and/or observation of special equipment use, integration of procedures and/or observation of routine and special radiographic procedures and final completion of all required clinical competencies. Execution of imaging procedures will be conducted under direct and indirect supervision. Prerequisite: RADS 2250. Corequisite: RADS 2150. Offered: Fall.

Respiratory Therapy, Career Associate of Science

The Career Associate of Science Degree *in* Respiratory Therapy at Albany State University is a two part curriculum. The first part consists of required prerequisite and general education courses, and the second part constitutes the actual professional curriculum. The professional curriculum is designed to prepare the graduate to function as an advanced level Respiratory Care Professional (RCP) in hospitals, non-acute care agencies, and in home care. After successful completion of all academic and clinical requirements, the graduate will be eligible to take the entry-level exam and upon successful completion of this examination the graduate may take the advanced level examination of the:

National Board for Respiratory Care (NBRC)
18000 W.105th St.
Olathe, KS
888-341-4811

Upon passing the NBRC entry-level exam and meeting all requirements for Georgia State licensure, the graduate may be licensed in the state of Georgia as a Respiratory Care Professional (RCP).

The Georgia Composite Medical Board
2 Peachtree St. NW
36th Floor
Atlanta, GA 30303
404-656-3913

has the right to refuse to grant a license to any individual who has been convicted of moral and/or legal violations specified in Georgia law. The Albany State University Respiratory Care Program is accredited by the:

Commission on Accreditation for Respiratory Care (CoARC)
1248 Harwood Rd.
Bedford, TX 76021
817-283-2835.

In addition to the application forms submitted to the admissions office for admission to the college, students applying to the Respiratory Care Program for the first time or reapplying for any reason are required to submit a separate application for selection into the Respiratory Care Program. Applications are available in the Health Science Division Office or they may be downloaded from the ASU Website for students interested in enrolling in the Program.

To be considered for selection into the Respiratory Care Program, a completed program application must be received. The application deadline for the program is March 1st. Applications received after the deadline will be considered only if the class has not been filled. The Respiratory Care Program has a limited enrollment; students are encouraged to apply as soon as possible.

Students are selected on the basis of

a. Grade point average in pre-requisite courses.
b. Overall grade point average and number of credits earned. Excessive withdrawals from pre-requisite courses may negatively impact a student's application
c. Completed application packet materials.
d. An interview with program faculty.

An offer of acceptance is made to the applicants who achieve the highest rankings in the selection process. The selection process continues until the class is filled.

Associate Degree graduates of the Albany State University Respiratory Care Program may be eligible to receive advanced placement in the Bachelor of Science programs in Respiratory Care offered by the four-year institutions of the University System of Georgia. Students desiring to complete a Bachelor of Science in Respiratory Care should make direct inquiry to the institution of choice.

Respiratory Care Program Requirements

1. Students will be required to submit a completed health form documenting satisfactory health status and evidence of health insurance at the beginning of the program.
2. The student *is responsible* for his/her own health in the event of illness, accident, or exposure to communicable disease in class, lab, or clinic.
3. Professional liability insurance is required prior to clinical rotations.
4. A. Students must earn a "C" or better in all professional courses in order to progress to the next course in sequence. Any student failing to complete a professional course will not be allowed to continue in the program.

   B. The student may reapply for admission in the next class. Students seeking readmission will be evaluated by the Respiratory Care faculty to determine acceptability and placement in the program. Previously completed professional courses may be accepted or may need to be repeated at the **sole discretion** of the faculty.

   C. Students who fail to complete more than one Respiratory course (this may be two different courses or the same course twice) will be dismissed from the program and will not be re-accepted. Withdrawing from a respiratory course in lieu of failing will count as an attempt the same as a failure.

   D. Students who fail a clinical practicum must at a minimum repeat **both** the clinical and classroom courses covering that content.
5. Students are required to maintain a cumulative 2.0 GPA in order to graduate from the program and Albany State University.
6. The Respiratory Care Program reserves the right to discontinue, at any time, the enrollment of a Respiratory Care student if, in the

judgment of the Vice President for Academic Affairs, the Dean of the Darton College of Health Professions and the Respiratory Care Faculty, the student does not appear to have the necessary qualifications or temperament for a career as a Respiratory Care Professional. Refer to the program handbook for more information.

7. The student must abide by the policies and procedures of the Respiratory Care program as defined in the program handbook.
8. The student must possess the essential physical and mental functional requirements for the profession in the categories of visual acuity, hearing, physical ability, speech, and manual dexterity. Refer to the Program Handbook for complete information.
9. Students will have two attempts to successfully demonstrate competency of any skill taught in any laboratory course or clinical practicum. This policy includes the American Heart Association ACLS course at the end of RESP 1138. Students unable to demonstrate competency after 2 attempts will fail the laboratory or clinical course, including ACLS, and will not be allowed to progress in the program. Students may re-apply according to the previously listed policies.
10. Respiratory students must demonstrate
    a. Sufficient critical thinking ability to be able to safely and effectively assess clinical situations and act appropriately.
    b. Sufficient interpersonal skills to interact successfully with co-workers, supervisors, patients and family members who may have different social, emotional, cultural and intellectual backgrounds.
    c. Sufficient communication abilities, both verbal and written, to be able to provide patient instruction and education, complete proper documentation and communicate with physicians and other health care workers professionally.

Additional Fees and Costs

1. Professional liability insurance is required prior to clinical assignment. Fees are assessed annually in the spring as part of the students Tuition and Fees.
2. Students are required to complete a series of Hepatitis B vaccinations. A series of at least 3 shots are required. Costs will vary depending on the student's choice of provider. Students must have completed at least the first 2 shots of the series prior to clinical assignment. See the program handbook for more information.
3. Students are required to have approved uniforms, shoes, lab coat, stethoscope, and a watch capable of reading seconds.
4. Students will complete American Heart Association BLS, ACLS and PALS courses as they progress through the program. Fees for these courses are assessed as required. See the program handbook for more information.
5. Student membership in the American association for Respiratory Care is mandatory. Student membership fees are $50.00
6. Students will be required to undergo a criminal background check before clinical assignment. ASU uses a company called PreCheck for this purpose. Fees for this background check are assessed during the first semester of the professional curriculum.
7. Students will be required to complete a drug screen prior to clinical assignment. Students will be required to pay for and complete this drug screen before attending any clinical rotations.
8. Students must be prepared to travel to out of town clinical assignments. These are not optional and the student is responsible for the costs of travel to these out of town facilities. See the program handbook for more information.

Admission Requirements

1. Admission to Albany State University
2. Completion of all Learning Support requirements
3. Completion of the required courses prior to the program and general education courses with a cumulative GPA of 2.5 or higher. In addition students must earn a grade of "C" or better in the following courses:

Code	Title	Semester Hours
ALHE 1120	Medical Terminology	2
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional	4-8
or BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	
CHEM 1151K	Survey of Chemistry I	4
PHSC 1011K	Physical Science I	4
BIOL 2211K	Introduction to Microbiology	4

Science courses taken more than five years prior to enrollment in the program will be evaluated by the Respiratory Care Program Faculty and may need to be **repeated.**

Course	Title	Semester Hours
Freshman Year		
Spring		
ENGL 1101	English Composition I	3
BIOL 1100K or BIOL 2411K ***and*** BIOL 2412K	Human Anatomy and Physiology for the Health Care Professional or Human Anatomy and Physiology I ***and*** Human Anatomy and Physiology II	4
POLS 1101	American Government	3
MATH 1111	College Algebra [1]	3
	Semester Hours	13
Summer		
RESP 1100	Introduction to Respiratory Care	1
RESP 1111	Fundamentals of Respiratory Care	3
ALHE 1120	Medical Terminology	2
CHEM 1151K or CHEM 1211K	Survey of Chemistry I or Principles of Chemistry I	4
	Semester Hours	10
Fall		
RESP 1131	Patient Assessment & Protocols	4
RESP 1132	Cardiopulmonary Pharmacology	2
RESP 1133	Cardiopulmonary Anatomy & Physiology	3

RESP 1134	Cardiopulmonary Diseases & TRM	2
RESP 2201	Clinical Practicum I	1
	Semester Hours	12
Sophomore Year		
Spring		
RESP 1135	Mechanical Ventilation and Critical Care	5
RESP 1138	Advanced Cardiac Life Support	3
RESP 2202	Clinical Practicum II	1
PHSC 1011K or PHYS 1111K	Physical Science I or Introductory Physics I	4
	Semester Hours	13
Summer		
RESP 1137	Specialized Areas of Resp Care	2
RESP 1136	Pediatric and Neonatal Respiratory Care	3
RESP 2203	Clinical Practicum III	1
BIOL 2211K	Introduction to Microbiology	4
	Semester Hours	10
Fall		
RESP 2210	Clinical Practicum IV	4
RESP 2220	Clinical Practicum V	4
RESP 2330	Credential Preparation	1
Humanities Elective [2]		3
PSYC 1101	General Psychology	3
	Semester Hours	15
	Total Semester Hours	73

[1] Students may take MATH 1001 or any higher level math course in place of MATH 1111

[2] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (p. 153).

Nursing

Overview

Albany State University is accredited by the Southern Association of Colleges and Schools (SACS) as a Level IV institution. The nursing programs offered by the University are accredited by the Accreditation Commission for Education in Nursing (ACEN), and our Baccalaureate and Associate Degree Programs in Nursing are approved by the Georgia Board of Nursing. Information regarding our nursing programs' approval may be obtained by contacting the Georgia Board of Nursing by mail at 237 Coliseum Drive, Macon, Georgia 31217, or by phone at (912) 207-1640. Information regarding our nursing programs' accreditation may be obtain by contacting ACEN by mail at 3343 Peachtree Road, Suite 850, Atlanta, Georgia 30326, or by phone at (404) 975-5000.

In addition to the application forms submitted for admission to the University in general, students applying for the first time—as well as those returning to nursing courses after a break in nursing enrollment—are required to submit a separate application for admission to nursing program of their choice. Application forms are available online and should be completed and returned to the Department of Nursing's main office prior to the desired date of admission.

To comply with the requirements of cooperating clinical facilities, the Department of Nursing requires students to submit additional documentation for the purposes of clinical clearance, consistent with the student's program of choice. This documentation will include, at a minimum, a complete immunization record, criminal background check, and drug screening. Students will provide these forms upon acceptance and enrollment in the student's desired program of choice.

The mission of the Department of Nursing is to provide nursing education to a diverse student population consistent with the mission of Albany State University (ASU). The ASU Department of Nursing offers ASN, BSN, and MSN degrees as well as Post-Master's Certifications. The Department of Nursing seeks to foster the growth and development of the region, state, and nation through teaching, research, quality health care delivery, and public service. In collaboration with academic institutions, health care institutions, and state agencies, the Department of Nursing is committed to developing and enhancing programs and services to improve the health and quality of life of the citizens of southwest Georgia.

The Department of Nursing prepares safe, competent, effective, and efficient nurses to provide or facilitate health care to diverse populations and underserved communities. Integral to this mission is a supportive and diverse faculty delivering comprehensive and technologically enhanced didactic and experiential learning activities. These learning activities support the holistic development of students as learners, leaders, and contributing members of society who embody the ideals of professional nursing in a global society. The completion of these learning activities will prepare the students for success on the national licensing (NCLEX-RN) or certification examination(s), demonstrating competency in the delivery of evidence based nursing care. *(Revised Spring 2017)*

Programs in the Department of Nursing

- Nursing, Associate of Science (ASN) (p. 341)
- Nursing, Bachelor of Science (BSN) (p. 348)
- Nursing, Post-Licensure Bachelor of Science (RN to BSN) (p. 353)

NURS 1015. TEAS Exam Prepratory Workshop. (0 Credits)
This workshop is designed to provide the nursing student with the opportunity to gain information about the Albany State Nursing Program required pre-admit exam, TEAS. This class is designed as an information portal, with no formal requirements. The students will learn information about the current semester TEAS on the discussion forum, email, and NEWS postings. Students will have the opportunity to review lectures on the topics listed in the TEAS study manual. Restricted to students studying Nursing. Online only. Prerequisites: None. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 1101. Fundamentals of Nursing (ASN). (5 Credits)
This course provides a fundamental foundation for the profession of nursing. The adult learner will be exposed to patient centered care model, teamwork, evidence-based practice and informatics with an emphasis on quality improvement. Princples of medication calculation and safe administration are emphasized. Development of personal responsibility and ethical behavior related to the performance of basic nursing skills will be acquired through supervised lab performance and selected clinical rotations. Prerequisites: Admission into the ASN program, BIOL 2411K with a grade of "C" or better. Corequisites: NURS 1105. Offered: Fall, Spring, Summer.

NURS 1105. Pharmacology for Nurses (ASN). (1 Credit)
Pharmacology for Nurses provides a basic foundation of knowledge necessary for the safe administration of medications in nursing practice. The course encompasses drug classifications, actions, therapeutic dosages, side effects and patient education of selected medications. The importance of safety, interdisciplinary collaboration, informatics, evidence-based practice and accurate calculation of appropriate dosages in various measurement systems are stressed. The course focuses on patient centered nursing care and quality improvement for pharmacology. Prerequisites: Admission to the ASN program, BIOL 2411K with a grade of "C" or better. Corequisites: NURS 1101 and NURS 1311. Offered: Fall, Spring, Summer.

NURS 1111. Adult Health I (ASN). (7 Credits)
The course emphasizes quality and safety in nursing education core competencies, as it relates to the provision of patient centered care to people experiencing respiratory, circulatory, renal, digestive, endocrine, musculoskeletal and neurological alterations. Teamwork, informatics, quality improvement and evidence based practice are essential components in the course. Development of personal responsibilty and ethical behavior is acquired through supervised lab performance and clinical experience with selected patients. Prerequisites: BIOL 2411K and NURS 1101 with grades of "C" or better. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 1112. Adult Health II (ASN). (7 Credits)
Adult Health II places emphasis on the adult learner's development of increasing knowledge and personal responsibilty and ethical behavior in the care of adult patients. Common health care alterations which are chronic in nature and that may require surgical intervention are emphasized. Course content focuses on evidence based practice, patient centered care, informatics, teamwork and quality improvement. Supervised clinical experiences provide adult learners with opportunities to refine safe, ethical nursing practice. Prerequisites: NURS 1111, NURS 1105, and BIOL 2412K with grades of "C" or better. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 1232. Pre-Nursing Seminar. (2 Credits)
This course introduces nursing and health care history and theoretical framework, including Albany State University's nursing framework. Various theories of nursing and healthcare are explored. The role of the healthcare professional including the nurse is analyzed. Proficiencies supporting the role of the healthcare professional are explored and adopted. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 1301. Fundamentals of Nursing (Bridge). (3 Credits)
This course provides a fundamental foundation for the profession of nursing. The adult learner will be exposed to patient centered care model, teamwork, evidence-based practice and informatics with an emphasis on quality improvement. Principles of medication calculation and safe administration are emphasized. Development of personal responsibility and ethical behavior related to the profession of basic nursing skills will be acquired through supervised lab performance and selected clinical rotations. Prerequisites: Admission into the Healthcare Professional-to-RN Bridge program and BIOL 2411K with a grade of "C" or better. Corequisites: NURS 2313. Offered: First semester, Healthcare-Professional-to-RN Bridge program.

NURS 1311. Adult Health II (Bridge). (8 Credits)
The course emphasizes quality and safety in nursing education core competencies, as it relates to the provision of patient centered care to people experiencing respiratory, circulatory, renal, digestive, endocrine, musculoskeletal and neurological alterations. Common health care alterations which are chronic in nature and that may require surgical intervention are emphasized. Teamwork, informatics, quality improvement and evidence based practice are essential components in the course. Development of personal responsibility and ethical behavior is acquired through supervised lab performances and clinical experiences with selected patients. Prerequisites: NURS 1301, NURS 2313, and BIOL 2412K with grades of "C" or better. Corequisites: NURS 1105. Offered: Second semester, Healthcare-Professional-to-RN Bridge.

NURS 2111. Nursing Care of Women and Children (ASN). (8 Credits)
This course explores the roles of the nurse in safely providing quality, patient centered care within an interdisciplinary structure to meet the needs of families who have children. Applies principles of health promotion from the antepartal period through adolescence and examines human growth, development and resopnses to health deviation during these periods in the life cycle. Patient centered care and quality improvement are the central focus in the couse. Informatics is emphasized when providing safe patient care. Classroom and clinical instruction involves providing nursing care to antepartal, intrapartal, postpartal and pediatric patients and incorporating evidence based practice and previously learned knowledge and skills. Prerequisites: NURS 1112 and NURS 2113 with grades of “C” or better. Corequisites: NURS 2117. Offered: Fall, Spring, Summer.

NURS 2113. Psychiatric Nursing (ASN). (3 Credits)
This course focuses on the physiological, emotional, behavioral and sociocultural aspects of mental health and mental illness. The nurse’s role as a collaborative member of the behavioral health team is introduced. The course content is centered on evidence based practice and quality improvement. Informatics is a component in the course. The clinical rotations give the adult learner the opportunity to apply this knowledge to provide safe, effective patient centered care in a therapeutic milieu. Prerequisites: NURS 1111 with a grade of “C” or better. Corequisites: NURS 1112. Offered: Fall, Spring, Summer.

NURS 2115. Adult Health III (ASN). (8 Credits)
The final course in the Nursing program is designed to emphasize care of patients with complex acute as well as chronic multisystem disorders and medical-surgical alterations. Supervised clinical experiences in high acuity unit will facilitate continued growth of student’s professional practice. Components of the course include: patient centered care, evidence based practice, collaboration, informatics and quality improvement. Supervised leadership roles in the clinical arena are provided for the students to enhance their management skill while directing their colleagues in providing safe patient care that meets entry level standards. Prerequisites: Completion of all ASN and core courses with grades of "C" or better. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 2117. Nursing Leadership (ASN). (1 Credit)
Emphasis is placed on the introduction of the fundamental principles of leadership and management responsibilities for the entry level registered nurse. Topics will include, but not limited to such practice issues as: safe, patient centered, quality care, effective delegation and supervision, communication, collaborative care, informatics, quality improvement. Nursing research and evidence based practice are also included. Prerequisites: NURS 1111 and NURS 1112 with grades of “C” or better. Corequisites: NURS 2111 and NURS 2311. Offered: Fall, Spring, Summer.

NURS 2210. Pharmacology (BSN). (3 Credits)
This course introduces the student to pharmacological concepts and measurements and includes such topics as medication dosage, calculations, interaction with drugs or foods, medication administration and intravenous therapy. Prerequisite: Admission into the BSN program. Corequisite: NURS 2231. Offered: Fall.

NURS 2231. Fundamental Concepts of Professional Nursing (BSN). (5 Credits)
This course is designed to provide further exploration of the theoretical framework and major conceptual threads of the nursing curriculum. The student applies the concepts of person, health, environment and nursing along with ethical/legal aspects to lab and clinical practice. Emphasis will be placed on assessment and primary interventions related to health promotion, health maintenance and disease prevention. Prerequisites: Admission to the BSN program. Corequisites: None. Offered: Fall.

NURS 2311. Nursing Care of Women and Children (Bridge). (6 Credits)
This course explores the roles of the nurse in safely providing quality, patient centered care within an interdisciplinary structure to meet the needs of families who have children. Applies principles of health promotion from the antepartal period through adolescence and examines human growth, development and responses to health deviation during these periods in the life cycle. Patient centered care and quality improvement are the central focus in the course. Informatics is emphasized when providing safe patient care. Classroom and clinical instruction involves providing nursing care to antepartal, intrapartal, postpartal and pediatric patients and incorporating evidence based practice and previously learned knowledge and skills. Prerequisites: NURS 1311 and NURS 2313 with grades of “C” or better. Corequisities: NURS 2117. Offered: Third semester, Healthcare-Professional-to-RN Bridge.

NURS 2313. Psychiatric Nursing (Bridge). (3 Credits)
This course focuses on the physiological, emotional, behavioral and sociocultural aspects of mental health and mental illness. The nurse’s role as a collaborative member of the behavioral health team is introduced. The course content is centered on evidence based practice and quality improvement. Informatics is a component in the course. The clinical rotations give the adult learner the opportunity to apply this knowledge to provide safe, effective patient centered care in a therapeutic milieu. Prerequisites: Admission into the Healthcare Professional-to-RN Bridge program and BIOL 2411K with a grade of "C" or better. Corequisites: NURS 1301. Offered: First semester, Healthcare-Professional-to-RN Bridge.

NURS 2331. Adult Health Nursing I (BSN). (5 Credits)
This course emphasizes the responses of individuals experiencing physical and emotional illnesses with emphasis on the nurse's role in health restoration, maintenance and promotion. This course incorporates clinical decision making in a variety of health care settings. Prerequisites: NURS 2231. Corequisites: None. Offered: Spring, Summer.

NURS 2601. Introduction to Geriatric Nursing (BSN). (3 Credits)
This course is designed to enhance the knowledge of nursing students regarding nursing care of the aged client. It may be taught online or face-to-face. Prerequisites: None. Corequisites: None. Offered: Fall, Spring.

NURS 3010. Junior Nursing Summer Externship. (3 Credits)
This junior year elective course is the first externship experience. It provides students with an opportunity to interact with one or two hospitalized clients. The experience occurs in the clinical setting under the mentorship of a professional registered nurse at an approved healthcare agency. The student will also have opportunities to interact with the healthcare team. Prerequisites: Junior classification and department approval. Corequisites: None. Offered: As needed.

NURS 3134. Pediatric Nursing (BSN). (5 Credits)
This course examines the responses of children and their families to selected acute and chronic physical deviations in health with emphasis on the nurse's role in health restoration, maintenance, and promotion. Prerequisites: None. Corequisites: None. Offered: Spring.

NURS 3136. Women's Health Nursing (BSN). (5 Credits)
This course covers nursing theories and skills related to health promotion and health maintenance of childbearing women and selected women's health concerns. Prerequisites: None. Corequisites: None. Offered: Spring.

NURS 3320. Pathophysiology (BSN). (3 Credits)
A survey of the fundamentals of pathology with emphasis on anatomical, physiological, and clinical processes across the life span. Prerequisites: None. Corequisites: None. Offered: Spring, Summer.

NURS 3335. Mental Health Nursing (BSN). (5 Credits)
This course is an introduction to the application of nursing concepts and principles in the maintenance and promotion of emotional and mental health of individuals, families, groups and populations. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 3510. Assessment in Health Care (BSN). (2,3 Credits)
This course promotes the development of assessment skills across the lfie span and requires successful performance of a complete physical examination. Prerequisites: Admission into the BSN program or approval of program director (Department of Public Health employees/Non-Degree-Seeking students only). Corequisites: None. Offered: Fall.

NURS 3600. Nursing Informatics (RN-to-BSN). (2,3 Credits)
This course teaches the history of healthcare informatics, current issues, basic informatics concepts, and health information management applications. This course addresses basic through complex concepts to target the needs of the novice through innovator. It provides a set of practical and powerful tools to ensure that students gain a solid understanding of Nursing Informatics and are able to move from information through knowledge to wisdom. Prerequisites: None. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 3620. Pathophysiology for RNs (RN-to-BSN). (3 Credits)
This course examines in detail the underlying biological process involved in the development, evolution, manifestations, and complications of common clinical deficits (diseases) across the life span, and compares normal and abnormal states. The biological bases for therapeutic actions are examined. Prerequisites: Admission to the RN-to-BSN program. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 3630. Conceptual Basis of Professional Nursing (RN-to-BSN). (3 Credits)
This course examines the dynamic transformation in nursing through exploration and investigation of major nursing issues. These issues are examined within the context of nursing history, nursing theories, nursing philosophy, legal issues, political activism, health care delivery systems, and the delivery of culturally competent patient care. Prerequisites: Admission into the RN-to-BSN Program. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 3640. Health Assessment (RN-to-BSN). (3 Credits)
This course includes the processes, techniques, and skills of health assessment, building on basic and experiential knowledge of assessment. It is intended to provide the basis for individual student development of expertise in assessing health and illness states. Focus is on didactic and clinical content that the practicing nurse utilizes when assessing clients. The processes of systematic assessment, which include communication, planning, and cultural variations are emphasized. Clinical judgment, diagnostic & monitoring skills, and teaching are integrated as components of assessment. Prerequisites: None OR approval of program director (Department of Public Health employees/ Non-Degree-Seeking students only). Corequisities: None. Offered: Fall, Spring, Summer.

NURS 3650. Health and Wellness of Aging (RN-to-BSN). (3 Credits)
This course will provide the student with comprehensive evidence-based nursing protocols to be used in providing the highest level of care to adults in settings across the continuum. Aging is presented within a cultural and global context in recognition of diversity of all kinds and the health inequities which persist. Prerequisites: None. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 4010. Senior Nursing Summer Externship. (3 Credits)
This senior year elective course is a continuation of the first externship experience. It provides the students with an opportunity to interact with more than one hospitalized client along with more complex clinical challenges. The experience occurs in the clinical setting under the mentorship of a professional registered nurse at an approved health care agency. The student will also have opportunities to interact with a more experienced health care team. Prerequisites: Senior classification and department approval. Corequisites: None. Offered: As needed.

NURS 4111. Directed Study. (1-5 Credits)
When completed as an optional elective, this course requires student investigation of a nursing problem under faculty supervision. NURS 4111: Directed Student (NCLEX Prep) is a required 3 credit hour variation of this course that serves as a B term continuation of the student's licensure preparation (a companion to NURS 4345). This course is designed to further strengthen the student's ability to successfully meet licensure requirements–specifically regarding the NCLEX examination–for professional nursing practice shortly following graduation by providing in-depth critique and assessment of basic nursing content including multi-system disorders and ensuring an appropriate laboratory support environment for the student's practice and role acquisition. Prerequisites: Completion of all BSN courses excluding NURS 4345 (NCLEX Prep) OR department approval. Corequisites: None. Offered: Spring (B-term as NCLEX Prep) OR as needed.

NURS 4131. Research (BSN). (3 Credits)
An introduction to the research process in nursing and health care as a basis for utilization in clinical decision making. Prerequisites: None. Corequisites: None. Offered: Fall, Spring.

NURS 4140. Principles of Leadership and Management (BSN). (2 Credits)
This is a course in leadership, management, and organizational theories. Additionally, this course integrates nursing and related theories through simulated clinical learning activities. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 4240. Community Health Nursing (BSN). (5 Credits)
This course includes the application of community health nursing principles in the care of vulnerable populations. Prerequisites: None. Corequisites: None. Offered: Spring, Summer.

NURS 4342. Adult Health Nursing II (BSN). (5 Credits)
Clinical practice allows utilization of leadership and management skills in preparation for the role of a professional nurse. This is a clinical practicum which allows the student an opportnity to apply leadership principles and management skills in a variety of work/health care environments. Student develops individual goals and objectives for clinical experiences which serve to establish a basis for content reviews during planned seminars. Prerequisites: NURS 2331. Corequisites: None. Offered: Spring.

NURS 4345. Senior Comprehensive Nursing (BSN). (5 Credits)
This course is designed to strengthen the student's ability to successfully meet licensure requirements for professional nursing practice shortly following graduation by providing indepth critique and assessment of basic nursing content including multi-system disorders and ensuring an appropriate laboratory support environment for the student's practice and role acquisition. Prerequisites: Completion of all BSN courses excluding NURS 1111 (NCLEX Prep). Corequisites: None. Offered: Spring, A-Term.

NURS 4346. RN to MSN Senior Seminar (RN-to-MSN). (2 Credits)
This course is designed to strengthen the student's ability to successfully meet requirements including the Departmental Exit Examination prior to graduation by providing an in-depth critique and assessment of basic nursing content and ensuring an appropriate laboratory support environment for the student's practice and role acquisition. Prerequisites: Admission into the RN-to-MSN program; senior classification. Corequisites: None. Offered: As needed.

NURS 4413. RN-to-MSN Transition (RN-to-MSN). (6 Credits)
This online course examines nursing history, trends, and conceptual frameworks, including Albany State University's nursing framework. Student examines teaching and learning concepts. The evolving role of the advanced practice nurse is analyzed and evaluated. The course examines the leadership, management, and organizational theories, including nursing theories that utilize leadership and management concepts. Student plans assignments and leadership/management actions through simulated clinical learning activities. Prerequisites: Admission into the RN-to-MSN program; senior classification. Corequisites: None. Offered: As needed.

NURS 4500. Community/Public Health Nursing (RN-to-BSN). (4 Credits)
This course is designed to assist the student in acquiring knowledge of the roles and responsibilities of the professional community health nurse in a global society focusing on health promotion and health maintenance of individuals, families and groups. Students will explore concepts such as community assessments, public health policy, and surveillance. Prerequisites: None. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 4510. Research in Nursing (RN-to-BSN). (3 Credits)
This course is designed prepare the undergraduate nursing student to be a consumer of research with a focus on nursing research. The student will be introduced to the research process and guided through understanding the written research report with an emphasis on the importance of evidence-based practice. Prerequisites: MATH 2411. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 4520. Principles of Leadership and Nursing Ethics (RN-to-BSN). (5 Credits)
This is a course in leadership, management, and organizational theories. The course has an emphasis on ethical practices on all levels of interactions within the healthcare team that is providing nursing care to vulnerable populations. Prerequisites: Completion of all RN-to-BSN courses, excluding NURS 3650. Corequisites: None. Offered: Fall, Spring, Summer.

Nursing, Associate of Science (ASN)

Nursing, Associate of Science (ASN)

The Associate of Science in Nursing (ASN) in Nursing at Albany State University is a five semester program planned to prepare the graduate to function in entry-level staff nurse positions in hospitals and comparable agencies. After successful completion of the Associate of Science in Nursing degree, graduates will be academically eligible to write the state licensing examination to practice as a registered nurse. The state Board of Nursing has the right to refuse to grant a registered nurse license to any individual who has been convicted of moral and/or legal violations specified in Georgia law.

The Associate Degree Nursing Program has limited enrollment, and students are selected on the basis of course grades, completion of required nursing related coursework, pre-admission test score, and other qualifications related to academic and professional potential.

Consideration for initial admission or re-admission to the program will be given after it has been determined that all admission requirements have been fulfilled. Readmissions are based on available space.

Applicants accepted for a designated beginning nursing class who do not enroll in that class must re-submit an application to the Nursing Office to be considered for a subsequent class. Accepted applicants who fail to maintain admission standards will be dropped before beginning the nursing program.

Admission Criteria: Associate Nursing Programs

Associate of Science in Nursing (ASN) Program

1. ASN applicants must have completed required Learning Support courses.
2. ASN applicants must complete the pre-admission test (the Test of Essential Academic Skills (TEAS) VI) and must earn a minimum overall score of 65. **Applicants who do not meet the minimum TEAS score, or grade point average, will not be allowed to apply.** Pre-admission cut-off scores for admission vary each semester of testing based on candidates who test.
3. ASN applicants must complete ENGL 1101, MATH 1001/MATH 1111 and BIOL 2411K with a minimum nursing GPA of 2.8.
   a. Only core courses required for the associate degree nursing program will be used to calculate the grade point average. Grades achieved in **each attempt** will be used in the calculation of this grade point average.
   b. Students must have a grade of "C" or better in all nursing core courses.
   c. Grade of "D", "F", and /or "WF" in core courses applicable to the nursing program older than ten years may not be calculated in the admission GPA.
4. Applicants may be asked to attend a face-to-face or online interview with program faculty.
5. When faculty/student ratio limits the acceptance of all qualified students, **preference may be given to students with the highest GPA, nursing pre-admission test scores and to students who have completed all required core classes**. In addition, other factors may contribute to acceptance/denial in situations where the admission criteria are highly competitive (such as previous nursing attempts, etc.).
6. Applicants formerly enrolled in a nursing program may apply; however, they must submit a letter from the dean/director of their former program verifying the student left his/her program in good standing. Applicants who earn less than a "C" in two or more nursing courses, while enrolled in a previous nursing program, must wait a period of three calendar years before they will be considered for admission into the Albany State University ASN program. If accepted, no transfer credit will be given for prior nursing courses.
7. Science courses taken more than five years prior to enrolling in the nursing program will be evaluated by the Chair of Nursing.
   a. BIOL 2211K will not have to be repeated.
   b. All BIOL 2411K and BIOL 2412K will need to be repeated if greater than five years if person is not an active healthcare professional (as defined as an LPN or Paramedic.) If these courses were taken greater than five years before the date of application, the applicant may elect to take BIOL 2412K to meet the science requirements.
   c. Students in active healthcare practice (LPN, Paramedic) do not have to re-take the sciences unless it has been eight years or more since the courses were completed.
8. ASN students who have completed an LPN Nursing Program or the Advanced Naval Corpsman Hospitalman Course (NER-HN-001) and have one year of active practice within the past two years, may challenge NURS 1101, NURS 1105 and NURS 1111 for credit. Appointments to challenge these courses will be made after the application, a copy of PNE transcript and a copy of current Georgia license have been submitted.
9. ASN students wishing to repeat NURS 1101/NURS 1301 must submit a **new application** for admission to the nursing program. Readmission will be on a space-available basis.
10. LPNs and paramedics who have been practicing as an LPN or a paramedic for at least one year may be eligible for the Healthcare Professional to RN bridge program provided all other admission criteria have been met.

Students who begin one track (traditional, Professional Bridge, etc.) must remain in this track until graduation. Exceptions may be made only in cases where students need to be moved from an accelerated program to one of a traditional program.

Hybrid Nursing Program

Persons interested in applying to the hybrid track will need to meet the same requirements as other students seeking admission to Albany State University Nursing. Additionally, students wishing to enter the hybrid track will need the following:

1. Completed all core classes required for nursing.
2. Earned a minimum GPA of 2.8 in nursing core classes.
3. Earned a grade of "C" or better in all nursing core courses.
4. Evidence of prior learning experience in an on-line format.
5. No previous failing grades in other nursing programs.

Students who are accepted into the hybrid track will have to meet all of the same theory and clinical requirements as traditional classroom students. Students will be expected to complete on-line assignments and actively participate in on-line discussion forums. All testing will be performed on the Albany campus under the supervision of a Nursing faculty member. Likewise, all clinical assignments will be completed

in Albany area healthcare facilities under direct supervision of Albany State University nursing clinical faculty. Students will be required to travel to Albany during the semester to complete testing and clinical requirements.

Healthcare-Professional-to-RN Bridge Program

LPN's and Paramedics may be admitted to a shortened Associate Degree Nursing curriculum with the following:

1. Be eligible for admission to Albany State University and the Associate Degree Nursing program.
2. Hold a valid Paramedic certification or LPN license with a minimum of one year of experience.
3. Have completed eight of the nine nursing core classes – achieving a GPA of 2.8 or higher.
4. Earned a "C" or better in all nursing core courses.
5. Healthcare Professional Bridge students with previous work experience will have fewer clinical hours than generic students.
6. No previous failing grades in other nursing programs.
7. Preference will be given to students with highest GPA and highest pre-entrance test scores.

Advanced Placement for Licensed Practical Nurses and Naval Corpsman Credit by Examination

The LPN or Naval Corpsman (with at least one year of experience within the last two years) may challenge NURS 1101, NURS 1105 and NURS 1111 by examination. Successful performance on the three components of the challenge examination (theory, clinical laboratory, and mathematics tests) allows the LPN/Naval Corpsman to exempt the fundamentals courses and enter the Associate Degree curriculum. Admissions requirements are the same as for regular Associate Degree students.

Admissions Criteria for Credit by Examination Option

All applicants for the credit by examination option must meet these criteria:

1. Be eligible for admission to Albany State University and the Associate Degree Nursing program.
2. Submit a transcript from practical nursing education / PNE transcript.
3. Have completed a practical nursing program / Advanced Naval Corpsman Hospitalman Course (NER-HN-001) and have one year of active practice within the last two years. Employee verification and job description required.
4. Submit evidence of unrestricted LPN Licensure (LPN's only).
5. Have completed **all** prerequisite requirements for the entry nursing class.

Additional Nursing Program Requirements

1. All ASN students must be admitted to the Nursing Program before enrolling in NURS 1101/NURS 1301 and NURS 1105. NURS 1101/NURS 1301 must be taken immediately preceding or within one semester of NURS 1111/NURS 1311.
2. ASN students applying for the Hybrid Program must have completed all core courses required for nursing prior to enrolling in NURS 1101.
3. Students will be required to submit a completed health form (available after enrollment) which documents satisfactory health status prior to clinical practicum including:
   a. health history and physical examination;
   b. immunization requirements including measles, mumps, rubella, and hepatitis B;
   c. tuberculosis screening;
   d. current American Heart Association CPR for Health Care Providers' certification;
4. The student is expected to assume responsibility for his/her own health in the event of illness, accident, or exposure to communicable disease. Evidence of health insurance is required upon admission to the nursing program. Students who do not have health insurance must purchase a USG student health insurance policy (SHIP). Fees for the USG SHIP will be added to student tuition each semester. Students who are already covered by an insurance policy (i.e., through parent plans, family plans, or employer-sponsored plans) can easily opt out of the plan by applying for a waiver through a secure online process. Once the information has been verified and approved, a waiver will be processed and posted to the student's Albany State University's student account. The waiver is only available for a specific time frame; therefore, students must apply in a timely fashion or they will be billed for the USG SHIP. Students must reapply for the waiver each semester to avoid being charged for the USG SHIP. Students who fail to submit credible health insurance and opt out online will automatically be enrolled in and billed for the system-wide student health insurance plan. This charge will post to the Albany State University's student account. For more information regarding the student health insurance plan or to submit a waiver, see: https://studentcenter.uhcsr.com/asu.
5. Professional liability insurance is also required and is included in student fees.
6. Students must have a grade of C or better in all science courses and all nursing courses. More than one D and/or F in nursing courses will result in dismissal from the program for a period of three calendar years.
7. After waiting for this period of time, students will be allowed to reapply for admission to the nursing program (traditional track). Upon acceptance, the student will be required to begin the program in NURS 1101.
8. Students who are dismissed from the nursing program due to excessive Ds and/or Fs may return to the nursing program (traditional track) after completing a LPN or paramedic program and working for a minimum of one year.
9. ASN students who are not enrolled in nursing courses for more than one semester must challenge previously completed courses to validate current knowledge and skills of the content. This includes all nursing courses with the exception of NURS 2117 (Leadership).
10. Students advancing to NURS 1111 must have successfully completed NURS 1105 within the previous two semesters.
11. A WF is considered F. Students who fail a nursing course must repeat both the theory and clinical components of the course. Students will be re-admitted to the course based on space available.
12. Students are required to maintain at least a 2.0 cumulative grade point average in order to remain in the nursing program.
13. Students must successfully complete the **American Heart Association's** BLS for Healthcare Provider Cardiopulmonary Resuscitation Course before or during NURS 1101/NURS 1301 and must be maintained throughout enrollment and updated as necessary. Students must receive permission from their course instructor(s) prior to selection of the CPR course.

14. Any nursing course presented for graduation that was completed three calendar years or more prior to anticipated date of graduation must be successfully challenged or repeated for credit.
15. ASN students must have completed all core courses required in the nursing program prior to enrolling in the last semester (NURS 2115) of the nursing program.
16. Albany State University students seeking a degree no longer have to take the Regents' Test in order to graduate. Albany State University was granted Regents' Test exemption status; this means that the skills measured by the Regents' Test are measured within the core curriculum. Specifically, at Albany State University, a student is considered to have met the Regents' Testing requirements by earning a grade of C or better in both ENGL 1101 and ENGL 1102. A student who takes ENGL 1101 and/or ENGL 1102 and does not earn a C or better is required to re-enroll in the class the following semester. The student will also be required to complete the Intensive Composition and Reading Review workshop concurrently with the repeated ENGL 1101/ENGL 1102 course.
17. Students will demonstrate clinical competency of 100% accuracy in computation of medication dosages in NURS 1111, NURS 1112, NURS 1311, NURS 2111, NURS 2311, NURS 2113, NURS 2313, and NURS 2115. At the minimum, a student must demonstrate 100% accuracy on one written/computer evaluation of dosage calculations each semester. A maximum of three opportunities per semester will be provided to score 100% proficiency. The math exams will occur prior to the last day to withdraw from a course without penalty (unless students has previously withdrawn from 16 credit hours; see Satisfactory Academic Progress). If a student chooses to take the 3rd math exam and does not score 100%, he/she will receive a clinical failure for calculation of medication dosage. If the student withdraws from the course, he/she will be eligible to register for the course again, provided all the other entry requirements are met and he/she has not previously withdrawn from his/her current course AND has not withdrawn in excess of the withdrawal policy. Prior to each subsequent math exam (math exam 2 and/or 3), students will be required to spend three hours in ATI math remediation (or other approved remediation tools as assigned by your instructor), and submit a remediation plan, including strengths and weaknesses. Failure to do the required math remediation or submit a remediation plan will result in an inability to take the math exam.
18. The Department of Nursing reserves the right to discontinue, at any time, the enrollment of a nursing student if, in the judgment of the Vice President for Academic Affairs and the nursing faculty, the student does not demonstrate the necessary qualifications for a nursing career. This includes, for example, cheating in any form, unprofessional conduct, violation of Albany State University's student code of conduct and/or any behavior/conduct deemed unbecoming of an Albany State University nursing student.
19. The faculty, staff, and students in health care programs shall uphold professional and ethical standards.
20. A student may withdraw only once throughout the duration of the nursing program.
21. Core performance standards[1] for admission and progression in the nursing program are:
    - Critical-thinking ability for effective clinical reasoning and clinical judgment as evidenced by the ability to identify the cause/effect relationships in clinical situations, develop nursing care plans, and evaluate the effectiveness of the nursing interventions.
    - Interpersonal skills sufficient for professional interactions with individuals, families, and groups from various social, emotional, cultural, and intellectual backgrounds as evidenced by the ability to establish rapport with patient/clients and colleagues, capacity to engage in successful conflict resolution, and establish peer accountability.
    - Communication abilities sufficient for verbal and written professional interactions with others as evidenced by the ability to explain treatment procedures, initiate health teaching, and document and interpret nursing actions and patient/client responses.
    - Physical abilities sufficient for movement from room to room and in small spaces as evidenced by the ability to move in a patient's room, work spaces, and treatment areas and administer cardiopulmonary procedures.
    - Gross and fine motor abilities sufficient for providing safe, effective nursing care as evidenced by the ability to calibrate and use equipment and position patients/clients.
    - Auditory ability sufficient for monitoring and assessing health needs as evidenced by the ability to hear monitor device alarm, emergency signals, auscultatory sounds, and cries for help.
    - Visual ability sufficient for observation and assessment necessary in nursing care as evidenced by the ability to observe patient/client condition and responses to treatment.
    - Tactile ability sufficient for physical assessment as evidenced by the ability to perform palpation, percussion, functions of physical examination, and/or those related to therapeutic intervention such as insertion of a catheter.

[1] Taken from the Southern Regional Education Board, Council on Collegiate Education for Nursing, "The Americans with Disabilities act: Implications for Nursing Education (March 1993)", updated 2008.

In compliance with the Americans with Disabilities Act (ADA), Darton College of Health Professions will honor requests for reasonable accommodations made by individuals with disabilities. Students must disclose their disability to the office of Disability Services before academic accommodations can be implemented.

Additional Costs and Fees

1. All ASN applicants must pay an application fee as well as the fee for the pre-admission test.
2. All nursing students are required to meet the requirements of the facilities utilized for clinical experience which may include laboratory screenings, drug screen, and immunizations. All students are required to have a current tuberculin skin test. Health and other forms will be provided As Needed. Required items must be submitted before students are permitted entry to the clinical/practicum areas.
3. All ASN nursing students will be expected to pay a Testing/Resource Fee each semester which includes skills kit, testing, nursing resources, and an NCLEX review course.
4. All ASN nursing students are required to have uniforms, white hose (with skirts) or white socks, shoes, scissors, stethoscope, and watch with sweep second hand, and name tag.
5. The student is expected to assume responsibility for his/her own health in the event of illness, accident, or exposure to communicable disease. Evidence of health insurance is required upon admission to the nursing program. Students who do not have health insurance must purchase a USG student health insurance policy (SHIP). Fees for the USG SHIP will be added to student tuition each semester. Students who are already covered by an insurance policy (i.e., through parent plans, family plans, or employer-sponsored plans) can easily

opt out of the plan by applying for a waiver through a secure online process. Once the information has been verified and approved, a waiver will be processed and posted to the student's Albany State University student account. The waiver is only available for a specific time frame; therefore, students must apply in a timely fashion or they will be billed for the USG SHIP. Students must reapply for the waiver each semester to avoid being charged for the USG SHIP. Students who fail to submit credible health insurance and opt out online will automatically be enrolled in and billed for the system-wide student health insurance plan. This charge will post to the Albany State University student account. For more information regarding the student health insurance plan or to submit a waiver, see: https://studentcenter.uhcsr.com/asu. Professional liability insurance is also required and is included in student fees.

6. All Nursing students are encouraged to join the Darton College of Health Professions GANS Chapter to enhance professional development.
7. All nursing students will be required to pay for a one-time, criminal background check which includes drug screening, on admission to the program. This information will be available to all clinical facilities. **If the student has a conviction in the criminal background check, the student may not be permitted in a particular practice setting. Students should note that prior felony charges/convictions are typically not allowed clearance into most healthcare settings. Since clinical is required to be successful in the nursing program, caution should be taken in circumstances where a student has prior charges/convictions.*
8. If drug abuse is suspected, the student will be required (at his/her own expense) to be tested. Darton College of Health Professions reserves the right to request drug testing of any nursing student at any time during the program. A mandatory drug screen is required (at the expense of the student) after acceptance to the program and will also be required randomly throughout the course of the program.

Additional Graduation Requirements

In addition to the University graduation requirements, the student must have a minimum grade of "C" in each nursing course.

Programs of Study: Associate Nursing Programs

Traditional ASN

Code	Title	Semester Hours
AREA A1: COMMUNICATION SKILLS* (6 Hours)		
ENGL 1101	English Composition I	3
or ENGL 1101H	Honors Humanities I	
ENGL 1102	English Composition II	3
or ENGL 1102H	Honors Humanities II	
*Minimum grade of "C" required in each course.		
AREA A2: QUANTITATIVE SKILLS (3 Hours)		
MATH 1001	Quantitative Reasoning	3
or MATH 1111	College Algebra	
or higher Math class		
AREA C: HUMANITIES/FINE ARTS (3 hours)		3
Select ONE (1) below		
ARTS 1100	Art Appreciation	
ENGL 2111	World Literature I	
or ENGL 211H	Honors Humanities III	
ENGL 2112	World Literature II	
or ENGL 211	Honors Humanities IV	
ENGL 2121	Survey of British Literature I	
ENGL 2122	Survey of British Literature II	
ENGL 2131	Survey/American Literature I	
ENGL 2132	American Literature II	
ENGL 2141	African-American Literature I	
ENGL 2142	African-American Literature II	
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
LATN 1001	Elementary Latin I	
LATN 1002	Elementary Latin II	
LATN 2001	Intermediate Latin I	
LATN 2002	Intermediate Latin II	
MUSC 1100	Music Appreciation	
JAPN 1001	Introduction to Japanese I	
JAPN 1002	Introduction to Japanese II	
JAPN 2001	Intermediate Japanese I	
JAPN 2002	Intermediate Japanese II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
THEA 1100	Theater Appreciation	
AREA E: SOCIAL SCIENCES (6 hours)		
POLS 1101	American Government (*)	3
PSYC 1101	General Psychology	3
*This course meets the legislative requirement that students complete coursework in the history of Georgia and the United States.		
AREA F: COURSES RELATED TO MAJOR (12 Hours)		
BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	8
BIOL 2211K	Introduction to Microbiology	4
AREA G: PROFESSIONAL NURSING COURSES (40 hours)		
NURS 1101	Fundamentals of Nursing (ASN)	5
NURS 1105	Pharmacology for Nurses (ASN)	1
NURS 1111	Adult Health I (ASN)	7
NURS 1112	Adult Health II (ASN)	7
NURS 2111	Nursing Care of Women and Children (ASN)	8
NURS 2113	Psychiatric Nursing (ASN)	3
NURS 2115	Adult Health III (ASN)	8
NURS 2117	Nursing Leadership (ASN)	1
Total Semester Hours		70

Healthcare-Professional-to-RN Bridge

Code	Title	Semester Hours
AREA A1: COMMUNICATION SKILLS* (6 Hours)		
ENGL 1101	English Composition I	3
or ENGL 1101H	Honors Humanities I	

ENGL 1102	English Composition II	3
or ENGL 1102H	Honors Humanities II	
*Minimum grade of "C" required in each course.		
AREA A2: QUANTITATIVE SKILLS (3 Hours)		
MATH 1001	Quantitative Reasoning	3
or MATH 1111	College Algebra	
or higher Math class		
AREA C: HUMANITIES/FINE ARTS (3 hours)		3
Select ONE (1) below		
ARTS 1100	Art Appreciation	
ENGL 2111	World Literature I	
or ENGL 211	Honors Humanities III	
ENGL 2112	World Literature II	
or ENGL 211	Honors Humanities IV	
ENGL 2121	Survey of British Literature I	
ENGL 2122	Survey of British Literature II	
ENGL 2131	Survey/American Literature I	
ENGL 2132	American Literature II	
ENGL 2141	African-American Literature I	
ENGL 2142	African-American Literature II	
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
LATN 1001	Elementary Latin I	
LATN 1002	Elementary Latin II	
LATN 2001	Intermediate Latin I	
LATN 2002	Intermediate Latin II	
MUSC 1100	Music Appreciation	
JAPN 1001	Introduction to Japanese I	
JAPN 1002	Introduction to Japanese II	
JAPN 2001	Intermediate Japanese I	
JAPN 2002	Intermediate Japanese II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
THEA 1100	Theater Appreciation	
AREA E: SOCIAL SCIENCES (6 hours)		
POLS 1101	American Government (*)	3
PSYC 1101	General Psychology	3
*This course meets the legislative requirement that students complete coursework in the history of Georgia and the United States.		
AREA F: COURSES RELATED TO MAJOR (12 Hours)		
BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	8
BIOL 2211K	Introduction to Microbiology	4
AREA G: PROFESSIONAL NURSING COURSES (30 hours)		
NURS 1105	Pharmacology for Nurses (ASN)	1
NURS 1301	Fundamentals of Nursing (Bridge)	3
NURS 1311	Adult Health II (Bridge)	8
NURS 2115	Adult Health III (ASN)	8
NURS 2117	Nursing Leadership (ASN)	1
NURS 2311	Nursing Care of Women and Children (Bridge)	6
NURS 2313	Psychiatric Nursing (Bridge)	3
Total Semester Hours		60

Curriculum Patterns: Associate Nursing Programs

Traditional ASN (Fall Admission)

Course	Title	Semester Hours
Freshman Year		
Fall		
ENGL 1101 or ENGL 1101H	English Composition I or Honors Humanities I	3
BIOL 2411K	Human Anatomy and Physiology I	4
POLS 1101	American Government	3
MATH 1001 or MATH 1111	Quantitative Reasoning or College Algebra	3
	Semester Hours	13
Spring		
ENGL 1102 or ENGL 1102H	English Composition II or Honors Humanities II	3
BIOL 2412K	Human Anatomy and Physiology II	4
NURS 1101	Fundamentals of Nursing (ASN)	5
NURS 1105	Pharmacology for Nurses (ASN)	1
	Semester Hours	13
Summer		
PSYC 1101	General Psychology	3
BIOL 2211K	Introduction to Microbiology	4
NURS 1111	Adult Health I (ASN)	7
	Semester Hours	14
Sophomore Year		
Fall		
NURS 1112	Adult Health II (ASN)	7
NURS 2113	Psychiatric Nursing (ASN)	3
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1]		3
	Semester Hours	13
Spring		
NURS 2111	Nursing Care of Women and Children (ASN)	8
NURS 2117	Nursing Leadership (ASN)	1
	Semester Hours	9
Summer		
NURS 2115	Adult Health III (ASN)	8
	Semester Hours	8
	Total Semester Hours	70

Traditional ASN (Spring Admission)

Course	Title	Semester Hours
Freshman Year		
Spring		
ENGL 1101 or ENGL 1101H	English Composition I or Honors Humanities I	3
BIOL 2411K	Human Anatomy and Physiology I	4
POLS 1101	American Government	3
MATH 1001 or MATH 1111	Quantitative Reasoning or College Algebra	3
	Semester Hours	13
Summer		
ENGL 1102	English Composition II	3
BIOL 2412K or ENGL 1102H	Human Anatomy and Physiology II or Honors Humanities II	4
NURS 1101	Fundamentals of Nursing (ASN)	5
NURS 1105	Pharmacology for Nurses (ASN)	1
	Semester Hours	13
Fall		
PSYC 1101	General Psychology	3
BIOL 2211K	Introduction to Microbiology	4
NURS 1111	Adult Health I (ASN)	7
	Semester Hours	14
Sophomore Year		
Spring		
NURS 1112	Adult Health II (ASN)	7
NURS 2113	Psychiatric Nursing (ASN)	3
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1]		3
	Semester Hours	13
Summer		
NURS 2111	Nursing Care of Women and Children (ASN)	8
NURS 2117	Nursing Leadership (ASN)	1
	Semester Hours	9
Fall		
NURS 2115	Adult Health III (ASN)	8
	Semester Hours	8
	Total Semester Hours	70

Traditional ASN (Summer Acceptance)

Course	Title	Semester Hours
Freshman Year		
Summer		
ENGL 1101 or ENGL 1101H	English Composition I or Honors Humanities I	3
BIOL 2411K	Human Anatomy and Physiology I	4
POLS 1101	American Government	3
MATH 1001 or MATH 1111	Quantitative Reasoning or College Algebra	3
	Semester Hours	13
Fall		
ENGL 1102 or ENGL 1102H	English Composition II or Honors Humanities II	3
BIOL 2412K	Human Anatomy and Physiology II	4
NURS 1101	Fundamentals of Nursing (ASN)	5
NURS 1105	Pharmacology for Nurses (ASN)	1
	Semester Hours	13
Spring		
PSYC 1101	General Psychology	3
BIOL 2211K	Introduction to Microbiology	4
NURS 1111	Adult Health I (ASN)	7
	Semester Hours	14
Sophomore Year		
Summer		
NURS 1112	Adult Health II (ASN)	7
NURS 2113	Psychiatric Nursing (ASN)	3
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1]		3
	Semester Hours	13
Fall		
NURS 2111	Nursing Care of Women and Children (ASN)	8
NURS 2117	Nursing Leadership (ASN)	1
	Semester Hours	9
Spring		
NURS 2115	Adult Health III (ASN)	8
	Semester Hours	8
	Total Semester Hours	70

Healthcare-Professional-to-RN Bridge (Fall Acceptance)

Course	Title	Semester Hours
Freshman Year		
Fall		
ENGL 1101 or ENGL 1101H	English Composition I or Honors Humanities I	3
BIOL 2411K	Human Anatomy and Physiology I	4
POLS 1101	American Government	3
MATH 1001 or MATH 1111	Quantitative Reasoning or College Algebra	3
	Semester Hours	13
Spring		
ENGL 1102 or ENGL 1102H	English Composition II or Honors Humanities II	3
BIOL 2412K	Human Anatomy and Physiology II	4
PSYC 1101	General Psychology	3

Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1]		3
	Semester Hours	13
Summer		
BIOL 2211K	Introduction to Microbiology	4
NURS 1301	Fundamentals of Nursing (Bridge)	3
NURS 2313	Psychiatric Nursing (Bridge)	3
	Semester Hours	10
Sophomore Year		
Fall		
NURS 1105	Pharmacology for Nurses (ASN)	1
NURS 1311	Adult Health II (Bridge)	8
	Semester Hours	9
Spring		
NURS 2311	Nursing Care of Women and Children (Bridge)	6
NURS 2117	Nursing Leadership (ASN)	1
	Semester Hours	7
Summer		
NURS 2115	Adult Health III (ASN)	8
	Semester Hours	8
	Total Semester Hours	60

Healthcare-Professional-to-RN Bridge (Spring Acceptance)

Course	Title	Semester Hours
Freshman Year		
Spring		
ENGL 1101 or ENGL 1101H	English Composition I or Honors Humanities I	3
BIOL 2411K	Human Anatomy and Physiology I	4
POLS 1101	American Government	3
MATH 1001 or MATH 1111	Quantitative Reasoning or College Algebra	3
	Semester Hours	13
Summer		
ENGL 1102 or ENGL 1102H	English Composition II or Honors Humanities II	3
BIOL 2412K	Human Anatomy and Physiology II	4
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1]		3
PSYC 1101	General Psychology	3
	Semester Hours	13
Fall		
BIOL 2211K	Introduction to Microbiology	4
NURS 1301	Fundamentals of Nursing (Bridge)	3
NURS 2313	Psychiatric Nursing (Bridge)	3
	Semester Hours	10
Sophomore Year		
Spring		
NURS 1311	Adult Health II (Bridge)	8
NURS 1105	Pharmacology for Nurses (ASN)	1
	Semester Hours	9
Summer		
NURS 2311	Nursing Care of Women and Children (Bridge)	6
NURS 2117	Nursing Leadership (ASN)	1
	Semester Hours	7
Fall		
NURS 2115	Adult Health III (ASN)	8
	Semester Hours	8
	Total Semester Hours	60

Healthcare-Professional-to-RN Bridge (Summer Acceptance)

Course	Title	Semester Hours
Freshman Year		
Summer		
ENGL 1101 or ENGL 1101H	English Composition I or Honors Humanities I	3
BIOL 2411K	Human Anatomy and Physiology I	4
POLS 1101	American Government	3
MATH 1001 or MATH 1111	Quantitative Reasoning or College Algebra	3
	Semester Hours	13
Fall		
ENGL 1102 or ENGL 1102H	English Composition II or Honors Humanities II	3
BIOL 2412K	Human Anatomy and Physiology II	4
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1]		3
PSYC 1101	General Psychology	3
	Semester Hours	13
Spring		
BIOL 2211K	Introduction to Microbiology	4
NURS 1301	Fundamentals of Nursing (Bridge)	3
NURS 2313	Psychiatric Nursing (Bridge)	3
	Semester Hours	10
Sophomore Year		
Summer		
NURS 1311	Adult Health II (Bridge)	8
NURS 1105	Pharmacology for Nurses (ASN)	1
	Semester Hours	9
Fall		
NURS 2311	Nursing Care of Women and Children (Bridge)	6
NURS 2117	Nursing Leadership (ASN)	1
	Semester Hours	7

Spring		
NURS 2115	Adult Health III (ASN)	8
	Semester Hours	8
	Total Semester Hours	60

Nursing, Bachelor of Science (BSN)

GENERIC BSN

The Generic BSN Program is designed for students desiring a Bachelor of Science in Nursing (BSN) and, as such, is an ideal program for high school, transfer, and change-of-major students. Currently, students are only admitted into this program during the Fall semester. Courses within this program are primarily taken on-campus (that is, on Albany State University's East and West Campuses) with the potential for some courses to be offered as online or hybridized, but please note that this is not guaranteed. Clinical experiences are held in our clinical skills lab(s), Phoebe Putney Memorial Hospital, and other facilities in the surrounding area as needed.

Students Accepted to ASU Prior to Fall 2018

Freshmen desiring to attend this program will enter ASU as a Health and Human Performance major with a "Pre-Nursing" attribute, which **MUST** be specified upon application to the college. During their first academic year (that is, their freshman year), students complete the prerequisite courses necessary to become eligible to apply for the nursing program beginning in the Fall, which would be the first semester of their sophomore year. Following acceptance, this track comprises six (6) additional semesters of alternating Fall and Spring semesters with Core curriculum course incorporated into the curriculum pattern; Summer semesters are not required while in the nursing . Throughout the nursing curriculum, students are exposed to the various fields and specializations within the field, including Women's Health, Pediatrics, Geriatrics, and many others. This program culminates with the student earning a Bachelor of Science in Nursing, which, following successful completion of the state licensing exam for Registered Nurses (the NCLEX), prepares students with the knowledge and clinical skills to function as a beginning nurse, nurse manager, or leader within various healthcare settings. Additionally, our BSN graduates are prepared to enter graduate nursing programs in order to advance their careers, two of which are offered at this institution!

Students Accepted to ASU Beginning Fall 2018 and After

Effective Fall 2018, the Generic BSN Program will be offered as a "2+2 program," in which the student spends the first 2 years completing the Core curriculum and the second 2 years completing nursing courses exclusively. Freshmen will enter ASU as a Health and Human Performance major with a "Pre-Nursing" attribute, which MUST be specified upon application to the college. During their first 2 academic years (that is, their freshman and sophomore years), students complete the Core curriculum while taking the prerequisite courses necessary to become eligible to apply for the nursing program beginning in the Fall, which would be the first semester of their junior year. Following acceptance, students are exposed to the various fields and specializations within the field, including Women's Health, Pediatrics, Geriatrics, and many others. This program culminates with the student earning a Bachelor of Science in Nursing, which, following successful completion of the state licensing exam for Registered Nurses (the NCLEX), prepares students with the knowledge and clinical skills to function as a beginning nurse, nurse manager, or leader within various healthcare settings. Additionally, our BSN graduates are prepared to enter graduate nursing programs in order to advance their careers, two of which are offered at this institution!

ACCELERATED BSN

The Accelerated (or "Second Degree") BSN Program is designed for students who have already earned a bachelor's degree from our or another institution and have graduated with at least a 3.0 Cumulative GPA but who also desire to earn their Bachelor of Science in Nursing, albeit at a faster pace than the generic track. Students are admitted into this program during the Fall semester. This accelerated track comprises five (5) consecutive semesters (that is, Fall, Spring, Summer, Fall, and finally Spring), during which students are exposed to the various fields and specializations within the field, including Women's Health, Pediatrics, Geriatrics, and many others. This program culminates with the student earning a Bachelor of Science in Nursing, which, following successful completion of the state licensing exam for Registered Nurses (the NCLEX), prepares students with the knowledge and clinical skills to function as a beginning nurse, nurse manager, or leader within various healthcare settings. Additionally, our BSN graduates are prepared to enter graduate nursing programs in order to advance their careers, two of which are offered at this institution!

Admission Criteria: Baccalaureate Nursing Programs

Generic BSN Program (Old Format)

NOTE: ***This format is applicable to students who were accepted to the University prior to the Fall 2018 semester under the old curriculum pattern and/or those who wish to apply to the program beginning in either the Fall 2018 or Fall 2019 semester under this admission criteria. If the student was accepted to the University after this point, please refer to the "2+2 Format" admission criteria. Applicants must be admitted to the University prior to submitting application to the Department of Nursing.***

Applicants must:

1. **FIRST**, submit an application to Albany State University and be admitted in good standing.
2. **AFTER being accepted as a student** at Albany State University, submit the completed application, the $20.00 application fee money order, and a copy of TEAS exam scores by the application deadline.
   a. Applicants who take the TEAS exam at Albany State University's West Campus Testing Center may submit a printed copy of their results page with the application and money order.
   b. Applicants who take the TEAS exam at a testing site other than ASU's West Campus Testing Center will need to purchase the "TEAS transcript" through ATI Testing's online store and indicate that they wish to have their scores transferred to Albany State University.
3. Successfully complete and exit all learning support courses.
4. Complete 31 hours of the baccalaureate Core Curriculum prior to Fall admission with a minimum grade of "C" in the following courses: Anatomy and Physiology I & II, Microbiology, two (2) sequential courses in an Area D science (which can be either Biology I & II or Chemistry I & II), English Composition I & II, Human Growth & Development, and Pre-Nursing Seminar (NURS 1232).
   a. Pre-Nursing Seminar is an ASU-exclusive course. Applicants transferring from other institutions who have taken a medical terminology course at a non-ASU institution may be able to waive

the Pre-Nursing Seminar requirement; however, this waiver is given on a case-by-case basis and is not guaranteed.
    i. In the past, considerations have been given to students admitted to the University lacking only the Pre-Nursing Seminar requirement, allowing them to take this course during their first semester in the nursing program. However, this is not guaranteed and is evaluated on a case-by-case basis. Factors considered are the student's current Nursing GPA (which must be 2.8 or higher at the time of application, as detailed below) and TEAS performance; further, satisfaction of the minimum Nursing GPA requirement cannot depend on the student's performance in Pre-Nursing Seminar (that is, the student should only have to pass the course with a "C" in order to maintain a Nursing GPA of 2.8 or higher).
5. Have a minimum cumulative Nursing Grade Point Average (NGPA) of 2.8 in the nine (9) core courses listed above. Please note that **only** the grades from the above courses will be used to compute the student's NGPA. However, **all** passing, failing, and repeated course grades in the above courses will be computed to obtain the GPA.
6. Complete all required science courses with a grade of "C" or higher in each course. Only one (1) science course failure is allowed, and this course must be repeated prior to entry into the nursing program. If the science failure(s) occurred more than 5 years ago, the student has the opportunity to repeat the course(s) one (1) time.
7. Have successfully completed Anatomy and Physiology course(s) that are less than 6 years old **at the time of potential admission** to the nursing program. If the Anatomy and Physiology course(s) is/are older than 6 years, the student must retake the course(s) and pass with a "C" or better.
8. Must have passed the standardized entrance exam for admission to nursing at or above the established percentage rate within no more than two (2) attempts within the past 12-month period. Students who have taken the entrance exam within the last year must present official scores to the admission committee prior to being admitted to the program.
    a. Currently, the entrance exam for the nursing program is the Test of Essential Academic Skills (TEAS). The most current version is the **ATI TEAS**, and the minimum qualifying score is **70.0.**
9. Following acceptance into the nursing program, students must submit the following documentation prior to the last date to add courses for the semester ("Schedule Adjustment Days"). Students who do not meet this requirement will be dropped from the clinical nursing course.
    a. **Certificate of immunization**: Must be on file in Student Health Services indicating that all immunizations are current based on his/her age. Immunizations include Hepatitis B (or waiver), MMR, tetanus, varicella, flu, tuberculosis, and any other immunization(s) deemed necessary by the University and/or the clinical site.
    b. **BLS card**: A current CPR (cardiopulmonary resuscitation) basic life support (BLS) card. All students must be **certified** by the American Heart Association (AHA) in child and adult BLS for health care providers. This certification must be maintained throughout the program (renewed every 2 years). An outdated CPR certification will prohibit the student from attending clinical practice experiences.
10. Following admission to the nursing program, students must submit the following documentation prior to the course's established pre-clinical deadline: malpractice insurance, proof of active health insurance (or enrollment into the student health insurance plan), a complete criminal background check, and a drug test at the expense of the student will be required. The criminal background check will be completed utilizing the following website: https://www.precheck.com/
11. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substance as a provided by the law or regulations of the contracting agency.
12. A student who has failed (D, F, or WF) two (2) nursing courses, whether at a 2-year or 4-year institution (including ASU) will not be eligible for admission or continuation in the nursing program at ASU. Students with no more than two (2) nursing failures may be considered for entry (or reentry) into the nursing program on a case-by-case basis only after a 5-year period has passed from the most recently-earned failure. Only one (1) nursing failure may be forgiven.

Generic BSN Program (2+2 Format)

NOTE: ***This format is reserved for students who were accepted to Albany State University as new freshmen for the Fall 2018 semester and afterwards and/or those who wish to apply to the Fall 2020 program and afterwards. If the student was accepted to the University prior to the Fall 2018 semester, please refer to the "Old Format" admission criteria. Applicants must be admitted to the University prior to submitting application to the Department of Nursing.***

Applicants must:

1. **FIRST**, submit an application to Albany State University and be admitted in good standing.
2. **AFTER being accepted as a student** at Albany State University, submit the completed application, the $20.00 application fee money order, and a copy of TEAS exam scores by the application deadline.
    a. Applicants who take the TEAS exam at Albany State University's West Campus Testing Center may submit a printed copy of their results page with the application and money order.
    b. Applicants who take the TEAS exam at a testing site other than ASU's West Campus Testing Center will need to purchase the "TEAS transcript" through ATI Testing's online store and indicate that they wish to have their scores transferred to Albany State University.
3. Successfully complete and exit all learning support courses.
4. Complete the entirety of the baccalaureate Core Curriculum (approximately 63 credit hours) prior to Fall admission with a minimum grade of "C" in the following courses: Anatomy and Physiology I & II, Microbiology, two (2) sequential courses in an Area D science (which can be either Biology I & II or Chemistry I & II), English Composition I & II, Human Growth & Development, and Pre-Nursing Seminar (NURS 1232).
    a. Pre-Nursing Seminar is an ASU-exclusive course. Applicants transferring from other institutions who have taken a medical terminology course at a non-ASU institution may be able to waive the Pre-Nursing Seminar requirement; however, this waiver is given on a case-by-case basis and is not guaranteed.
        i. In the past, considerations have been given to students admitted to the University lacking only the Pre-Nursing Seminar requirement, allowing them to take this course during their first semester in the nursing program. However, this is not guaranteed and is evaluated on a case-by-case basis. Factors considered are the student's current Nursing GPA (which must be 2.8 or higher at the time of

application, as detailed below) and TEAS performance; further, satisfaction of the minimum Nursing GPA requirement cannot depend on the student's performance in Pre-Nursing Seminar (that is, the student should only have to pass the course with a "C" in order to maintain a Nursing GPA of 2.8 or higher).

5. Have a minimum cumulative Nursing Grade Point Average (NGPA) of 2.8 in the nine (9) core courses listed above. Please note that **only** the grades from the above courses will be used to compute the student's NGPA. However, **all** passing, failing, and repeated course grades in the above courses will be computed to obtain the GPA.
6. Complete all required science courses with a grade of "C" or higher in each course. Only one (1) science course failure is allowed, and this course must be repeated prior to entry into the nursing program. If the science failure(s) occurred more than 5 years ago, the student has the opportunity to repeat the course(s) one (1) time.
7. Have successfully completed Anatomy and Physiology course(s) that are less than 6 years old **at the time of potential admission** to the nursing program. If the Anatomy and Physiology course(s) is/are older than 6 years, the student must retake the course(s) and pass with a "C" or better.
8. Must have passed the standardized entrance exam for admission to nursing at or above the established percentage rate within no more than two (2) attempts within the past 12-month period. Students who have taken the entrance exam within the last year must present official scores to the admission committee prior to being admitted to the program.
   a. Currently, the entrance exam for the nursing program is the Test of Essential Academic Skills (TEAS). The most current version is the **ATI TEAS**, and the minimum qualifying score is **70.0.**
9. Following acceptance into the nursing program, students must submit the following documentation prior to the last date to add courses for the semester ("Schedule Adjustment Days"). Students who do not meet this requirement will be dropped from the clinical nursing course.
   a. **Certificate of immunization**: Must be on file in Student Health Services indicating that all immunizations are current based on his/her age. Immunizations include Hepatitis B (or waiver), MMR, tetanus, varicella, flu, tuberculosis, and any other immunization(s) deemed necessary by the University and/or the clinical site.
   b. **BLS card**: A current CPR (cardiopulmonary resuscitation) basic life support (BLS) card. All students must be **certified** by the American Heart Association (AHA) in child and adult BLS for health care providers. This certification must be maintained throughout the program (renewed every 2 years). An outdated CPR certification will prohibit the student from attending clinical practice experiences.
10. Following admission to the nursing program, students must submit the following documentation prior to the course's established pre-clinical deadline: malpractice insurance, proof of active health insurance (or enrollment into the student health insurance plan), a complete criminal background check, and a drug test at the expense of the student will be required. The criminal background check will be completed utilizing the following website: https://www.precheck.com/
11. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substance as a provided by the law or regulations of the contracting agency.
12. A student who has failed (D, F, or WF) two (2) nursing courses, whether at a 2-year or 4-year institution (including ASU) will not be eligible for admission or continuation in the nursing program at ASU. Students with no more than two (2) nursing failures may be considered for entry (or reentry) into the nursing program on a case-by-case basis only after a 5-year period has passed from the most recently-earned failure. Only one (1) nursing failure may be forgiven.

Accelerated BSN Program

NOTE: ***The accelerated curriculum pattern is designed for five (5) semesters after completion of all prerequisites. If the student is unsuccessful in any nursing courses, he or she may opt to revert to the Generic BSN Program track curriculum pattern or sit out until the sequence for the accelerated option is offered again. Applicants must be admitted to the University prior to submitting application to the Department of Nursing.***

Applicants must:

1. **FIRST**, submit an application to Albany State University and be admitted in good standing.
2. **AFTER being accepted as a student** at Albany State University, submit the completed application, **unofficial** transcripts from all institutions previously attended, the $20.00 application fee money order, and a copy of TEAS exam scores by the application deadline.
   a. Applicants who take the TEAS exam at Albany State University's West Campus Testing Center may submit a printed copy of their results page with the application and money order.
   b. Applicants who take the TEAS exam at a testing site other than ASU's West Campus Testing Center will need to purchase the "TEAS transcript" through ATI Testing's online store and indicate that they wish to have their scores transferred to Albany State University.
3. Have a baccalaureate degree from an accredited program in a field other than nursing with a graduating cumulative grade point average (GPA) of at least 3.0. Courses taken and degrees earned after obtaining the first bachelor's degree will not factor into the 3.0 required graduating GPA for admission consideration.
4. Complete 31 hours of the baccalaureate Core Curriculum prior to Fall admission with a minimum grade of "C" in the following courses: Anatomy and Physiology I & II, Microbiology, two (2) sequential courses in an Area D science (which can be either Biology I & II or Chemistry I & II), English Composition I & II, Human Growth & Development, and Pre-Nursing Seminar (NURS 1232).
   a. Pre-Nursing Seminar is an ASU-exclusive course. Applicants transferring from other institutions who have taken a medical terminology course at a non-ASU institution may be able to waive the Pre-Nursing Seminar requirement; however, this waiver is given on a case-by-case basis and is not guaranteed.
5. Complete all required science courses with a grade of "C" or higher in each course. Only one (1) science course failure is allowed, and this course must be repeated prior to entry into the nursing program. If the science failure(s) occurred more than 5 years ago, the student has the opportunity to repeat the course(s) one (1) time.
6. Have successfully completed Anatomy and Physiology course(s) that are less than 6 years old **at the time of potential admission** to the nursing program. If the Anatomy and Physiology course(s) is/are older than 6 years, the student must retake the course(s) and pass with a "C" or better.
7. Must have passed the standardized entrance exam for admission to nursing at or above the established percentage rate within no more

than two (2) attempts within the past 12-month period. Students who have taken the entrance exam within the last year must present official scores to the admission committee prior to being admitted to the program.

a. Currently, the entrance exam for the nursing program is the Test of Essential Academic Skills (TEAS). The most current version is the **ATI TEAS**, and the minimum qualifying score is **70.0.**

8. Following acceptance into the nursing program, students must submit the following documentation prior to the last date to add courses for the semester ("Schedule Adjustment Days"). Students who do not meet this requirement will be dropped from the clinical nursing course.
   a. **Certificate of immunization**: Must be on file in Student Health Services indicating that all immunizations are current based on his/her age. Immunizations include Hepatitis B (or waiver), MMR, tetanus, varicella, flu, tuberculosis, and any other immunization(s) deemed necessary by the University and/or the clinical site.
   b. **BLS card**: A current CPR (cardiopulmonary resuscitation) basic life support (BLS) card. All students must be **certified** by the American Heart Association (AHA) in child and adult BLS for health care providers. This certification must be maintained throughout the program (renewed every 2 years). An outdated CPR certification will prohibit the student from attending clinical practice experiences.
9. Following admission to the nursing program, students must submit the following documentation prior to the course's established pre-clinical deadline: malpractice insurance, proof of active health insurance (or enrollment into the student health insurance plan), a complete criminal background check, and a drug test at the expense of the student will be required. The criminal background check will be completed utilizing the following website: https://www.precheck.com/
10. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substance as a provided by the law or regulations of the contracting agency.
11. A student who has failed (D, F, or WF) two (2) nursing courses, whether at a 2-year or 4-year institution (including ASU) will not be eligible for admission or continuation in the nursing program at ASU. Students with no more than two (2) nursing failures may be considered for entry (or reentry) into the nursing program on a case-by-case basis only after a 5-year period has passed from the most recently-earned failure. Only one (1) nursing failure may be forgiven.

Programs of Study: Baccalaureate Nursing Programs

Generic & Accelerated BSN

Code	Title	Semester Hours
Core Curriculum for Health Professions Majors (Areas A-E) MATH 1001 or 1111 (preferred) required for Area A2 and MATH 2411 required for Area D (p. 151)		43
AREA F: COURSES RELATED TO MAJOR		
NURSING MAJOR (17 hours)		
BIOL 2211K	Introduction to Microbiology	4
BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	8
COHP 2120	Growth and Development for Health Professions	3
or PSYC 2103	Human Growth & Development	
NURS 1232	Pre-Nursing Seminar	2
AREA G: PROFESSIONAL NURSING COURSES (60 hours)		
NURS 2210	Pharmacology (BSN)	3
NURS 2231	Fundamental Concepts of Professional Nursing (BSN)	5
NURS 2331	Adult Health Nursing I (BSN)	5
NURS 2601	Introduction to Geriatric Nursing (BSN)	3
NURS 3134	Pediatric Nursing (BSN)	5
NURS 3136	Women's Health Nursing (BSN)	5
NURS 3320	Pathophysiology (BSN)	3
NURS 3335	Mental Health Nursing (BSN)	5
NURS 3510	Assessment in Health Care (BSN)	3
NURS 4111	Directed Study (NCLEX Prep)	3
NURS 4131	Research (BSN)	3
NURS 4140	Principles of Leadership and Management (BSN)	2
NURS 4240	Community Health Nursing (BSN)	5
NURS 4342	Adult Health Nursing II (BSN)	5
NURS 4345	Senior Comprehensive Nursing (BSN)	5
Electives (1-16 hours)		1
ALHE 1120	Medical Terminology	
COHP 2110	Nutrition	
NURS 3010	Junior Nursing Summer Externship	
NURS 4010	Senior Nursing Summer Externship	
NURS 4111	Directed Study	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		124

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Curriculum Patterns: Baccalaureate Nursing Programs

Generic BSN Program (Fall Admission)

Course	Title	Semester Hours
Freshman Year		
Fall		
ASU 1101	First Year Experience: Pathways to Success	1
BIOL 1111K or BIOL 2107K or CHEM 1152K or CHEM 1211K	Introduction to Biological Sciences or Principles of Biology I or Survey of Chemistry II or Principles of Chemistry I	4
BIOL 2411K	Human Anatomy and Physiology I	4
ENGL 1101	English Composition I	3
NURS 1232	Pre-Nursing Seminar	2
	Semester Hours	14

Spring		
BIOL 1112K or BIOL 2108K or CHEM 1152K or CHEM 1212K	Intro to Biological Sciences or Principles of Biology II or Survey of Chemistry II or Principles of Chemistry II	4
Science MUST be in-sequence with previous semester's science.		
BIOL 2412K	Human Anatomy and Physiology II	4
ENGL 1102	English Composition II	3
PSYC 1101	General Psychology	3
	Semester Hours	14
Summer		
BIOL 2211K	Introduction to Microbiology	4
COHP 2120 or PSYC 2103	Growth and Development for Health Professions or Human Growth & Development	3
	Semester Hours	7
Sophomore Year		
Fall		
Health/Wellness Elective		1-2
NURS 2210	Pharmacology (BSN) [1]	3
NURS 2231	Fundamental Concepts of Professional Nursing (BSN) [1]	5
NURS 3510	Assessment in Health Care (BSN) [1]	3
MATH 1001 or MATH 1111	Quantitative Reasoning or College Algebra	3
	Semester Hours	15-16
Spring		
COMM 1000 or COMM 1100 or COMM 1110	Cultural Diversity in Communication or Human Communications or Public Speaking	2-3
Health/Wellness Elective (if applicable)		0-1
NURS 2331	Adult Health Nursing I (BSN) [1]	5
NURS 3320	Pathophysiology (BSN) [1]	3
Social Sciences Elective		3
	Semester Hours	13-15
Junior Year		
Fall		
MATH 2411	Introduction to Statistics	3
NURS 4131	Research (BSN) [1]	3
NURS 4342	Adult Health Nursing II (BSN) [1]	5
POLS 1101	American Government	3
	Semester Hours	14
Spring		
Area C	Elective (Foreign Lang./Appreciation)	3
Area E	Elective (U.S./World History)	3
NURS 3134	Pediatric Nursing (BSN) [1]	5
NURS 3136	Women's Health Nursing (BSN) [1]	5
	Semester Hours	16
Senior Year		
Fall		
Area C	Elective (Literature)	3
NURS 2601	Introduction to Geriatric Nursing (BSN) [1]	3
HIST 1002 or LEAD 1101 or POLS 1105	Introduction to the African Diaspora or Leadership Development or Current World Problems	2
NURS 3335	Mental Health Nursing (BSN) [1]	5
NURS 4140	Principles of Leadership and Management (BSN) [1]	2
	Semester Hours	15
Spring		
NURS 4240	Community Health Nursing (BSN) [1]	5
NURS 4345	Senior Comprehensive Nursing (BSN) [1]	5
NURS 4111	Directed Study [1]	3
	Semester Hours	13
	Total Semester Hours	121-124

[1] *Admission Criteria Apply*

Accelerated BSN Program (Fall Admission)

Course	Title	Semester Hours
Junior Year		
Fall		
NURS 2231	Fundamental Concepts of Professional Nursing (BSN) [1]	5
NURS 2210	Pharmacology (BSN) [1]	3
NURS 3510	Assessment in Health Care (BSN) [1]	3
NURS 1232	Pre-Nursing Seminar	2
	Semester Hours	13
Spring		
NURS 2331	Adult Health Nursing I (BSN) [1]	5
NURS 3134	Pediatric Nursing (BSN) [1]	5
NURS 3320	Pathophysiology (BSN) [1]	3
	Semester Hours	13
Summer		
NURS 2601	Introduction to Geriatric Nursing (BSN) [1]	3
NURS 4131	Research (BSN) [1]	3
NURS 4240	Community Health Nursing (BSN) [1]	5
	Semester Hours	11
Senior Year		
Fall		
NURS 3335	Mental Health Nursing (BSN) [1]	5
NURS 4140	Principles of Leadership and Management (BSN) [1]	2
NURS 4342	Adult Health Nursing II (BSN) [1]	5
	Semester Hours	12
Spring		
NURS 3136	Women's Health Nursing (BSN) [1]	5
NURS 4111	Directed Study (NCLEX Prep) [1]	3
NURS 4345	Senior Comprehensive Nursing (BSN) [1]	5
	Semester Hours	13
	Total Semester Hours	62

[1] *Admission Criteria Apply*

Nursing, Post-Licensure Bachelor of Science (RN to BSN)

RN-to-BSN

The RN-to-BSN completion program is designed for students and working professionals who have already attained an Associate Degree in Nursing (ADN or ASN) and have subsequently earned their licensure as a Registered Nurse (RN) but who ultimately desire to earn their Bachelor of Science in Nursing (BSN). Students are admitted into this program for the Spring and Fall Semesters. Courses within this program are taken wholly online (that is, utilizing Albany State University's GeorgiaView via the Online/Distance Learning Division). Please be aware, however, that should a student enter the program with outstanding Core curriculum requirements, these course may need to be taken on-campus or online, as determined by the departments in which these courses originate.

The RN-to-BSN Completion program is a 2 consecutive semester (full-time) or 4-5 consecutive semester (part-time) online program for licensed RN's who reside in Georgia. This program expands on the associate degree curriculum, preparing the BSN graduate for roles across the life continuum to include leadership, health promotion, disease prevention, community health, and research. Albany State University's Department of Nursing follows the collaborative Georgia RN-to-BSN Articulation Model for Registered Nursing Students. The registered nurse articulating to the baccalaureate level will be awarded up to 33 semester hours accrued from their previous associate or diploma degree. These credits will be held in escrow until the baccalaureate candidate successfully completes at least 7 semester hours of nursing credit. Credits held in escrow will then be added to the student's transcript. This program culminates with the student earning a Bachelor of Science in Nursing, which prepares students with the knowledge and clinical skills to function as a beginning nurse, nurse manager, or leader within various healthcare settings. Additionally, our BSN graduates are prepared to enter graduate nursing programs in order to advance their careers, two of which are offered at this institution!

Admission Criteria: RN-to-BSN Program

NOTE: ***The admission to the RN-to-BSN nursing program is a competitive admission. Students will be granted admission according to their qualifications and completeness of their application packet. Applicants must be admitted to the University prior to submitting application to the Department of Nursing.***

Applicants must:

1. **FIRST**, submit an application to Albany State University and be admitted in good standing.
2. **AFTER being accepted as a student** at Albany State University, submit the completed application, the $20.00 application fee money order, and a copy of their professional nursing license.
3. Be a graduate of an accredited associate nursing degree program.
4. Have a current, unrestricted U.S. Registered Nurse license.
    a. The new pre-licensed graduate associate degree nurse may register for the first semester of the RN-to-BSN program. These are the only nursing courses the pre-licensed associate degree graduate nurse may take in the nursing major prior to licensure.
5. Meet all admission criteria for Albany State University and be admitted in "good standing" with the University.
6. Core curriculum requirements:
    a. For completion of the RN-to-BSN program in 3 consecutive semesters of full-time matriculation after acceptance into the program, a student must have no more than 0 to 12 hours of core to complete.
    b. For completion of the RN-to-BSN program in 5 consecutive semesters of part-time matriculation after acceptance into the program, a student must have no more than 0 to 24 hours of core to complete.
    c. Have completed prerequisites of Introduction to Statistics (MATH 2411) and a sequence of one of the following Area D science classes:
        i. Introduction to Biological Sciences (BIOL 1111K) and Intro to Biological Sciences (BIOL 1112K), **OR**
        ii. Principles of Biology I (BIOL 2107K) and Principles of Biology II (BIOL 2108K), **OR**
        iii. Survey of Chemistry I (CHEM 1151K) and Survey of Chemistry II (CHEM 1152K), **OR**
        iv. Principles of Chemistry I (CHEM 1211K) and Principles of Chemistry II (CHEM 1212K)
7. Have a minimum 2.8 (based on a 4.0 scale) overall GPA on all course work attempted at all institutions attended. Admission is based on a competitive application process.
8. Applicant must not have been excluded/dismissed from any other nursing program for any reason, including (but not limited to) academic misconduct, disruptive/unprofessional behavior, or program failure.
9. Following acceptance into the nursing program, students must submit the following documentation prior to the last date to add courses for the semester ("Schedule Adjustment Days"). Students who do not meet this requirement will be dropped from the clinical nursing course.
    a. **Certificate of immunization**: Must be on file in Student Health Services indicating that all immunizations are current based on his/her age. Immunizations include Hepatitis B (or waiver), MMR, tetanus, varicella, flu, tuberculosis, and any other immunization(s) deemed necessary by the University and/or the clinical site.
    b. **BLS card**: A current CPR (cardiopulmonary resuscitation) basic life support (BLS) card. All students must be **certified** by the American Heart Association (AHA) in child and adult BLS for health care providers. This certification must be maintained throughout the program (renewed every 2 years). An outdated CPR certification will prohibit the student from attending clinical practice experiences.
10. Following admission to the nursing program, students must submit the following documentation prior to the course's established pre-clinical deadline: malpractice insurance, proof of active health insurance (or enrollment into the student health insurance plan), a complete criminal background check, and a drug test at the expense of the student will be required. The criminal background check will be completed utilizing the following website: https://www.precheck.com/
11. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substance as a provided by the law or regulations of the contracting agency.
12. A student who has failed (D, F, or WF) two (2) nursing courses, whether at a 2-year or 4-year institution (including ASU) will not be eligible for admission or continuation in the nursing program at ASU. Students with no more than two (2) nursing failures may be considered for entry (or reentry) into the nursing program on a case-

by-case basis only after a 5-year period has passed from the most recently-earned failure. Only one (1) nursing failure may be forgiven.

13. After successful completion of 8 semester hours of the RN-to-BSN Nursing program, 33 semester hours of equivalent credit for previous nursing courses will be awarded.

Program of Study: RN-to-BSN

Code	Title	Semester Hours
Core Curriculum for Health Professions Majors (Areas A-E, Math 1111 preferred in Area A) (p. 151)		43
AREA F: COURSES RELATED TO MAJOR		
BIOL 2211K	Introduction to Microbiology	4
BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	8
COHP 2120	Growth and Development for Health Professions	3
or PSYC 2103	Human Growth & Development	
AREA G: PROFESSIONAL NURSING COURSES (60 hours)		
Courses to be validated from previous ASN coursework [1]		33
NURS 2210	Pharmacology (BSN) [1]	
NURS 2231	Fundamental Concepts of Professional Nursing (BSN) [1]	
NURS 2331	Adult Health Nursing I (BSN) [1]	
NURS 3134	Pediatric Nursing (BSN) [1]	
NURS 3136	Women's Health Nursing (BSN) [1]	
NURS 3335	Mental Health Nursing (BSN) [1]	
NURS 4342	Adult Health Nursing II (BSN) [1]	
Additional Professional Nursing Courses		
NURS 3600	Nursing Informatics (RN-to-BSN)	3
NURS 3620	Pathophysiology for RNs (RN-to-BSN)	3
NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN)	3
NURS 3640	Health Assessment (RN-to-BSN)	3
NURS 3650	Health and Wellness of Aging (RN-to-BSN)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN)	4
NURS 4510	Research in Nursing (RN-to-BSN)	3
NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN)	5
Electives (12-16 hours)		
ALHE 1120	Medical Terminology	
COHP 2110	Nutrition	
NURS 3010	Junior Nursing Summer Externship	
NURS 4010	Senior Nursing Summer Externship	
NURS 4111	Directed Study	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		121

[1] Course hours validated. After successful completion of 8 semester hours of the RN to BSN program, 33 equivalent credit hours for previous nursing courses will be awarded.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Curriculum Pattern: RN-to-BSN

Full-Time Plan of Study (Fall Admission)

Course	Title	Semester Hours
Senior Year		
Fall		
NURS 3620	Pathophysiology for RNs (RN-to-BSN) (A-Term)	3
NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN) (A-Term)	3
NURS 3600	Nursing Informatics (RN-to-BSN) (B-Term)	3
NURS 3640	Health Assessment (RN-to-BSN) (B-Term)	3
	Semester Hours	12
Spring		
NURS 3650	Health and Wellness of Aging (RN-to-BSN) (A-Term)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN) (A-Term)	4
NURS 4510	Research in Nursing (RN-to-BSN) (B-Term)	3
NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN) (B-Term)	5
	Semester Hours	15
	Total Semester Hours	27

Full-Time Plan of Study (Spring Admission)

Course	Title	Semester Hours
Senior Year		
Spring		
NURS 3620	Pathophysiology for RNs (RN-to-BSN) (A-Term)	3
NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN) (A-Term)	3
NURS 3600	Nursing Informatics (RN-to-BSN) (B-Term)	3
NURS 3640	Health Assessment (RN-to-BSN) (B-Term)	3
	Semester Hours	12
Summer		
NURS 3650	Health and Wellness of Aging (RN-to-BSN) (A-Term)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN) (A-Term)	4
NURS 4510	Research in Nursing (RN-to-BSN) (B-Term)	3
NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN) (B-Term)	5
	Semester Hours	15
	Total Semester Hours	27

Part-Time Curriculum Pattern - Fall Admission

Course	Title	Semester Hours
Junior Year		
Fall		
NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN) (A-Term)	3
NURS 3620	Pathophysiology for RNs (RN-to-BSN) (B-Term)	3
	Semester Hours	6
Spring		
NURS 3600	Nursing Informatics (RN-to-BSN) (A-Term)	3
NURS 3640	Health Assessment (RN-to-BSN) (B-Term)	3
	Semester Hours	6
Summer		
NURS 3650	Health and Wellness of Aging (RN-to-BSN) (A-Term)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN) (B-Term)	4
	Semester Hours	7
Senior Year		
Fall		
NURS 4510	Research in Nursing (RN-to-BSN) (A-Term)	3
NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN) (B-Term)	5
	Semester Hours	8
	Total Semester Hours	27

Part-Time Curriculum Pattern - Spring Admission

Course	Title	Semester Hours
Junior Year		
Spring		
NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN) (A-Term)	3
NURS 3620	Pathophysiology for RNs (RN-to-BSN) (B-Term)	3
	Semester Hours	6
Summer		
NURS 3600	Nursing Informatics (RN-to-BSN) (A-Term)	3
NURS 3640	Health Assessment (RN-to-BSN) (B-Term)	3
	Semester Hours	6
Fall		
NURS 3650	Health and Wellness of Aging (RN-to-BSN) (A-Term)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN) (B-Term)	4
	Semester Hours	7
Senior Year		
Spring		
NURS 4510	Research in Nursing (RN-to-BSN) (A-Term)	3
NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN) (B-Term)	5
	Semester Hours	8
	Total Semester Hours	27

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Accounting (ACCT)

ACCT 2100. Accounting for Non-Business Majors. (3 Credits)
An overview of the basic concepts of accounting for users of accounting information with a proper balance between conceptual understanding and procedural training. The course provides an appropriate mix between financial and managerial accounting, designed for non-business majors.

ACCT 2101. Accounting Principles I. (3 Credits)
A study of the underlying theory and application of financial accounting concepts. Prerequisite: MATH 1001 or higher. Offered: Fall, Spring and Summer.

ACCT 2102. Accounting Principles II. (3 Credits)
A study of the underlying theory and application of managerial accounting concepts. Prerequisite:ACCT 2101. Offered: Fall. Spring. and Summer.

ACCT 3101. Intermediate Accounting I. (3 Credits)
Financial accounting and reporting related to the development of accounting standards, financial statements, cash and recievables. Prerequisite: ACCT 2102 Offered: Fall.

ACCT 3102. Intermediate Accounting II. (3 Credits)
Financial accounting and reporting related to inventory, property, plant and equipment, intangibles, liabilities and stockholders' equity. Prerequisite: ACCT 3101 Offered: Spring.

ACCT 3103. Intermediate Accounting III. (3 Credits)
Financial accounting and reporting related to investments, leases, income taxes, pensions, accounting changes, errors, earnings per share, and financial reporting and analysis. Prerequisite: ACCT 3102 Offered: As needed.

ACCT 4101. Cost Accounting I. (3 Credits)
A study of cost concepts and cost flows, cost behavior and cost estimation, job order costing, process costing including new developments. Prerequisites: ACCT 2102 Offered: Spring.

ACCT 4102. Cost Accounting II. (3 Credits)
A study of budgeting, standard costing, cost-volume-profit analysis, performance evaluation, and variable costing including new developments. Prerequisite: ACCT 4101.

ACCT 4106. Tax Research. (3 Credits)
A course designed to apply the concepts learned in Tax Accounting I and II. Use of library research and case analysis are used to develop a deeper understanding of income tas applications. Prerequisite: ACCT: 4121 Offered: As needed.

ACCT 4107. Accounting Theory. (3 Credits)
The study of the conceptual theory underlying accounting and the development of accounting principles and the development of accounting principles within the conceptual theory. Emphasis placed on asset and equity concepts. Prereuisites: ACCT 3102 Offered: As needed.

ACCT 4108. International Accounting. (3 Credits)
A study of the international dimension of accounting as is relates to multinational corporations and the international environment. Prerequisites: ACCT 3102 Offered: As needed.

ACCT 4111. Auditing I. (3 Credits)
Principles and problems of auditing financial statements with emphasis on GAAS, Rules of Conduct, Code of Ethics, Internal Control and Audit Report. Prerequisites: ACCT 3101 Offered: Spring.

ACCT 4112. Auditing II. (3 Credits)
A detailed study of ausit procedures including audit sampling, tests of controls, and substantive tests,. Prerequsites: ACCT 4111. Offered as needed.

ACCT 4121. Tax Accounting I. (3 Credits)
A study of the income tax law, especially as it is applied to individuals. Includes the concepts of gross income, business and personal deductions, filing status, gains and losses, cost recovery, and tax determination. Prerequisite: ACCT 3101 Offered: Fall.

ACCT 4122. Tax Accounting II. (3 Credits)
A study of of the income tax law regarding the alternative minimum tax, property transactions, corporations, opartnerships, estates and trusts, and the gift and estate tax. Prerequisite: ACCT 4121 Offered as needed.

ACCT 4131. Advanced Accounting I. (3 Credits)
Financial accounting and reporting related to partnerships, branches, segmental and interim reporting. Prerequisite: ACCT 3102 Offered as needed.

ACCT 4141. Municipal Accounting. (3 Credits)
Fund theory, generally accepted accounting principles, and accounting practice and reporting for local and state governments. Prerequisite: ACCT 3101 Offered as needed.

ACCT 4142. Not-for-Profit Accounting. (3 Credits)
Fund theory, generally accepted accounting principles, and accounting practice and reporting for hospitals, colleges and universities, and other not - for - profit entities. Prerequisites: ACCT 3101 Offered: Fall.

ACCT 4205. Accounting Information Systems. (3 Credits)
Principles of accounting systems investigation, design and installation. Procedures for electronic data processing, information retrieval, and application of quantitative tools in systems. Prerequisites: ACCT 3101 Offered: Spring.

Allied Health (ALHE)

ALHE 1023. AEMT Practicum I. (1 Credit)
This course is the first of three practicums designed to provide the Advanced EMT student with the opportunity to perform a history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Prerequisite: Acceptance into the EMS program. Corequisites: None. Offered: On demand.

ALHE 1025. Trauma for the AEMT. (3 Credits)
This course includes material from the Trauma and Operations Modules of the current National EMS Education Standard. It is designed to provide the student with the fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for an acutely injured patient. Topics covered in this course are: Airway management, assessment and management of the trauma victim, bleeding, chest trauma, abdominal and genitourinary trauma, orthopedic trauma, soft tissue trauma, head, face, neck and spine trauma, nervous system trauma, special considerations in trauma, environmental emergencies and multisystem trauma, shock management, gaining access and vehicle extrication of the trauma victim, multiple casualty incident and International Trauma Life Support. Prerequisite: None. Corequisite: None. Offered: Spring and Summer.

ALHE 1029. AEMT Practicum II. (1 Credit)
This course is the second of three practicums designed to provide the Advanced EMT student with the opportunity to perform a history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of assessment findings, anatomy, physiology, pathophysiology and epidemiology. Relate assessment findings to improve patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief and improve the overall health of the patient in the clinical setting. Prerequisites: Successful completion of EMTP 1023, AEMT Practicum I. Corequisites: None. Offered: On demand.

ALHE 1032. Advanced Life Support for the AEMT. (3 Credits)
This course includes material from the current National EMS Education Standard to provide increased knowledge and skills in specific aspects of advanced life support. Topics covered in this course are: patient assessment, advanced airway management, pharmacology, respiratory and cardiovascular assessment and management, Advanced Cardiac Life Support for the AEMT, pathophysiology, shock/trauma, acid-base disturbances, obstetrics, neonatal care, pediatrics, geriatrics, patients with special challenges and pediatric life support. This course concludes with a comprehensive program review and preparation for the National Registry of EMT's exam. Prerequisites: EMTP 1025, EMTP 1036, EMTP 1039, EMTP 1110. Corequisite: None. Offered: On demand.

ALHE 1034. AEMT Practicum III. (1 Credit)
This course is the third of three practicums designed to provide the Advanced EMT student with the opportunity to perform a history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of assessment findings, anatomy, physiology, pathophysiology and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Effectively communicate in a manner that is culturally sensitive and intended to improve patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief and improve the overall health of the patient in the clinical setting. Prerequisite: Successful completion of EMTP 1029, AEMT Practicum I. Corequisite: EMTP 1032, Advanced Life Support for the AEMT. Offered: Summer.

ALHE 1036. Medical Emergencies for the AEMT. (3 Credits)
This course includes material from the Preparatory and Medical Modules of the current National EMS Education Standard. It is designed to provide the student with fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for an acutely ill patient. Topics covered in this course are: Airway management, respiration and artificial ventilation, patient assessment, neurology, abdominal and gastrointestinal disorders, immunology, infectious diseases, endocrine disorders, psychiatric emergencies, cardiovascular emergencies, toxicology, respiratory emergencies, hematology, genitourinary/renal disorders, gynecology, non-traumatic musculoskeletal disorders, and diseases of the eyes, ears, nose, and throat. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

ALHE 1039. Essential Skills for the AEMT. (3 Credits)
This course includes material from the Anatomy/Physiology, Pathophysiology and Pharmacology of the current National EMS Education Standard. It is designed to provide the student with the fundamental knowledge and foundational skills needed to provide advanced level care to the sick or injured patient. Topics covered in this course are: key components of cellular physiology and pathophysiology, patient assessment; gynecological and obstetrical emergencies; neonatal care; pediatrics; geriatrics; patients with special challenges; and toxicological emergencies. Prerequisite: None. Corequisites: None. Offered: Spring. Credits: 3 (Lecture 2; Lab 3)

ALHE 1104. Intro to Disease Conditions. (2 Credits)
The basic pathophysiology of common disease conditions will be examined. The effect of disease on each body system is studied with emphasis on etiology, diagnosis, prognosis, prevention, and Occupational Therapy therapeutic treatment indications and contraindications. The effects of pathology across the lifespan are presented. Learner In-depth research on a particular topic is required. Prerequisite: Admission into the OTA program. Corequisites: ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111. Offered: Fall.

ALHE 1110. EMS Systems and Operations. (3 Credits)

ALHE 1120. Medical Terminology. (2 Credits)
Medical terminology approached through roots, prefixes, and suffixes of medical terms. Definition and spelling of anatomical, diagnostic, symptomatic and operative medical terms are covered. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Fall, Spring, Summer.

ALHE 2050. Health Care Delivery System. (1 Credit)
Introduces students to the historical development, structure, operation, current and future directions of the major components of the American Healthcare Delivery system. It examines the ways in which the healthcare services are organized and delivered, the influences that impact healthcare public policy and factors that determine the allocation of healthcare resources. Prerequisites: READ 0099. Offered: Summer and on demand.

ALHE 2137. Fundamentals of Health Inf. Mg. (3 Credits)
This course introduces the student to the field of Health Information Management (HIM) and its role in healthcare delivery systems. Emphasis is placed on the health information management profession, hospital and medical staff organization, structure and content of medical records, quantitative and qualitative analysis, release of patient information, legal aspects of medical records, ethical issues in HIM, healthcare statistics, indexes and registers, electronic medical records, payment and reimbursement systems, and regulatory and accrediting agencies. Prerequisites: Acceptance in the Health Information Technology Program. Corequisites: None. Offered: On request.

Elementary Arabic I (ARAB)

ARAB 1001. Elementary Arabic I. (3 Credits)
This course is a beginner's level of Modem Standard Arabic. Students will be expected to learn to speak using simple sentences, read, and write. Attention will be given to grammar and conjugations.

ARAB 1002. Elementary Arabic II. (3 Credits)
The second course in the elementary Arabic sequence, ARAB 1002 continues the introduction of students to the various cultures that use the language, with emphasis in developing oral and written skills in the target language.

Art (ARTS)

ARTS 1001. Design I-Fundamentals of Design. (3 Credits)
This course involves the fundamentals of two-dimensional design introduced through projects in a variety of media. The course is composed of several projects that will emphasize the visual and intellectual aspects of form, visual awareness, analytical thinking, craftsmanship, use of media and techniques, and the application of design principles. Prerequisites: None.

ARTS 1031. Drawing I-Basic Drawing. (3 Credits)
Introduction to the techniques, materials and principles of drawing with an emphasis on observational drawing.

ARTS 1100. Art Appreciation. (3 Credits)
Selected examples of work from a cross section of historical and contemporary visual art forms will be examined in terms of our evolving visual vocabulary. Attention to contributions of cultures, past and present. ART 1100 and FIAR 2250 are related courses; one one can count toward graduation. Offered: Fall, Spring, Summer.

ARTS 1102. Introduction to Visual and Performing Arts. (1 Credit)
A general introduction and study of the history and literature of music, the visual arts, and the dramatic arts. Taught in three segments: art, music and the dramatic arts, respectively, the course will provide a developmental overview of creativity and scholarship in each area of discipline. Also, the course features exposure to and discussion about a selection of the most representative masterworks from each of the disciplines.

ARTS 2002. Design II-Fundamentals of Design. (3 Credits)
Further development of concepts begun in Design I, plus introduction to three-dimensional design. Emphasis is given to working creatively with hand tools in a variety of materials and techniques. Prerequisite: ARTS 1001 or ARTS 1031 Offered: Spring.

ARTS 2032. Drawing II-Intermediate Drawing. (3 Credits)
A continuation of principles and concepts explored in Drawing I. Prerequisite: ARST 1031.

ARTS 2051. Painting I. (3 Credits)
Study of form, space, value, color, compoosition. Painting from man-made forms, natural forms, and imagination, the student will acquire a working knowledge of form control and development. Prerequisites: ARST 2002 and ARST 2032.

ARTS 2101. Sculpture I-Basic Sculpture. (3 Credits)
Study of elementary sculptural form and techniques. Explores and uses a variety of materials. Prerequisite: ARST 2001 and ARST 2002.

ARTS 2111. Photography 1. (3 Credits)
A studio course designed for the student who has advanced beyond the basic art structure courses and wishes to explore various media in order to develop skills, techniques, and a higher level of expertise. Prerequisites: None. Offered: On demand.

ARTS 2280. Art History Survey 1. (3 Credits)
This lecture course explores the history of the visual arts from the Prehistoric Period through Northern Renaissance. Topics include a study of the visual arts, painting, sculpture, architecture, and related arts, against the background of cultural, political, and economic development. Prerequisite: None. Offered: On demand.

ARTS 2285. Art History Survey II. (3 Credits)
This lecture course explores the history of the visual arts from the Baroque Period through the twentieth century with major focus on epochs of Western art history. Topics include painting, architecture, sculpture, and design. Prerequisite: None. Offered: On demand.

ARTS 3052. Painting II-Intermediate Painting. (3 Credits)
Continued exploration and experimentation with the formal problems and concepts developed in Painting I. Prerequisite: ARST 2051.

ARTS 3081. Ceramics I-Introduction to Ceramic Art. (3 Credits)
Introduction to the materials, tools and techniques of ceramics. Emphasis on hand- building techniques. Major Restriction.

ARTS 3082. Ceramics II. (3 Credits)
Continuation of Ceramics I with emphasis on decoration and glazes, firing and other building or forming techniques. Prerequisite: ARST 3081.

ARTS 3102. Sculpture II. (3 Credits)
Continuation of Sculpoture I. Emphasis will be placed on the use of the imagination on the development of more expressive sculptural form. Prerequisite: ARST 2101.

ARTS 3111. Photography II. (3 Credits)

ARTS 3201. Graphics I. (3 Credits)
Introductuion to the basic techniques, procedures and processes of graphic expression. Prerequisite: ARST 2032.

ARTS 3202. Graphics II. (3 Credits)
Continuation of Graphics I. Prerequisite: ARST 3201.

ARTS 4065. Special Problems in Painting. (3 Credits)
Intensive individual exploration in the area of painting. For minor and senior majors. Prerequisite: Approval of the Department Chairperson and a supervising teacher.

ARTS 4066. Special Problems in Sculpture. (3 Credits)
Intensive individual exploration in the area of sculpture. For minor and senior majors. Prerequisites: Approval of the Department Chairperson and a supervising teacher. Major restriction.

ARTS 4067. Special Problems in Graphics. (3 Credits)
Intensive individual exploration in the area of graphics. For minor and senior majors. Prerequisites: Approval of the Department Chairperson and a supervising teacher.

ARTS 4068. Special Problems in Drawing. (3 Credits)
Intensive individual exploration in the area of drawing. For minor and senior majors. Prerequisites: Approval of the Department of Chairperson and a supervising teacher. Restricted for art majors.

ARTS 4069. Special Problems in Art History. (3 Credits)
Intensive individual exploration in the area of art history. For minors and senior majors. Prerequisite: Approval of the Department Chairperson and a supervising teacher. Prerequisite: ARHA 4403.

ARTS 4070. Special Problems in Ceramics. (3 Credits)
Intensive individual exploration in the area of ceramics. For minor and senior majors. Prerequisites: Approval of the Department of Chairperson and a supervising teacher.

ARTS 4071. Special Problems in Design. (3 Credits)
Intensive individual exploraiton in the area of design. For minor and senior majors. Prerequisites: Approval of the Department of Chairperson and a supervising teacher.

ARTS 4072. Special Problems in Techniques and Materials. (3 Credits)
Intensive individual exploration in the area of techniques and materials. For minor and senior majors. Prerequisites: Approval of the Department of Chairperson and a supervising teacher.

ARTS 4201. Watercolor. (3 Credits)
Exploration of the aquarelle technique. Prerequisite: ARST 2032.

ARTS 4202. Digital Photography. (3 Credits)
This course addresses the theory and applications of digital photography, emphasizing the differences between new digital imaging processes and traditional photographic techniques. A lecture component will address the history of photography and an examination of the functions of light, color, and time as the crucial elements in capturing and image photographically (digital or analog). Assignments will require the production and alteration of digital photographs that will evidence mastery of specific skill sets, including camera operation, scanning processes, lighting, image editing, digital workflow, and output for print or posting.

ARTS 4403. Modern Art History. (3 Credits)
Study of modern art and of the artist and developments which helped shape the field from the Neoclassic and Romantic periods until today. Prerequisite: ARHA 3402.

ARTS 4406. African-American Art. (3 Credits)
Study of sources, prototypes and uses from such aspects as the philosophical, critical, visual, relevant to the history and development of African-American Art. Offered alternate years.

ARTS 4601. Seminar I. (3 Credits)
Study of current problems, trends, developments and personalities in the arts. Students will also utilize this class to develop a portfolio of their work. Prerequisites: Senior standing and consent of Department.

ARTS 4602. Seminar II. (3 Credits)
Senior. Continued study of the world of art, exhibitions, museums, galleries, etc. Student will also prepare and present a comprehensive exhibition of his or her work. Prerequisites: Senior standing and consent of Department Chairperson.

Biology (BIOL)

BIOL 1011K. Introduction to Biology. (4 Credits)
An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components.

BIOL 1100K. Human Anatomy and Physiology for the Health Care Professional. (4 Credits)
This course is a survey of general principles of human anatomy and physiology with an emphasis on medical applications. It is restricted to students in Health Science programs or requires the consent of the division Dean. Laboratory exercises supplement the instructional material. Course Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation of higher. Offered: Fall, Spring, Summer.

BIOL 1110K. Introduction to Environmental Biology. (4 Credits)
An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components.

BIOL 1111K. Introduction to Biological Sciences. (4 Credits)
A course designed for non-science majors that emphasizes fundamental concepts of the cell (i.e., cell structure and function, mitosis and metabolism), and plant anatomy and physiology through the use of lectures, audio visual aids, selected laboratory experiments, and demonstrations. Offered: Fall, Spring, Summer.

BIOL 1112K. Intro to Biological Sciences. (4 Credits)
A course designed for non-science majors that emphasizes human anatomy and physiology, classical and molecular genetics, evolution, ecology, and surveys the plant and animal kingdoms through lectures, audio-visual aids, selected laboratory experiments, and demonstrations. Offered: Fall, Spring, Summer.

BIOL 1114K. Survey of Biotechnology. (4 Credits)
This course studies the basic concepts, applications and impact of manipulative DNA technology on plants, animals and man.

BIOL 1115K. Introduction to Environmental Biology. (3 Credits)
This course studies the basic concepts and impact of the inte related complexities of the enviroment on man, plants, animals and society.

BIOL 1135. Life Science for Teachers Grades 3-5 In-Service. (3 Credits)
The course addresses fundamentals of Life Science for teachers, grades 3-5. This course covers basic principles and teacher misconceptions from the fields of Cells, Organisms, Genetics, Ecology, Evolution and the Characteristics of Science. The course content is aligned to the Georgia Performance Standards for grades 3-5. Restricted to DCSS in-service teachers grades 3-5 only. Prerequisite: None. Corequisite: None. Offered: On demand.

BIOL 1801. Science Career Exploration. (1 Credit)
This course is designed to introduce students (majors and nonmajors) to the diverse career opportunities in the biological, biomedical, chemical and related sciences. Course Pre-requiste: None Offered: Fall, Spring.

BIOL 2000K. Foundations of Research 1. (1 Credit)
This course is the introductory course of the research track designed for biology majors to gain competence as biomedical scientists. The goal of this course is to introduce students to the various types of research literature (primary, secondary, articles for the puclic, etc.) for developing competence in the use of literature sources. Course Pre- requisite: None Offered: Fall.

BIOL 2001. Introduction to Research. (2 Credits)
This course is designed specifically to teach students pursuing degrees in health professions the basic principles of performing a sceintific research project. Each student will identify a problem, perform aa literature search, design and perform an experiment, analyze data and present the results. Course Pre=requisite: BIOL 1111k, CHEM 1212K, PHYS 1112K or consent of Division Dean. Offered: Fall, Spring, Summer.

BIOL 2001K. Introduction to Research. (2 Credits)
This 3 contact hour (2 credit hour) course is designed to teach science majors the basic principles of performing a scientific research project. Each student will identify a problem, perform a literature search, design and perform an experiment, analyze data, and present the results. Prerequisites: BIOL 2108K, CHEM 1212K, PHYS 1112K, or consent of the Division Dean. Offered: Spring.

BIOL 2004. Anatomy/Phy Mid Grades. (3 Credits)
This course will provide a survey of the general principles of human anatomy and physiology. This course does not satisfy any core curriculum requirement. Restricted to Middle Grades Teachers. Offered: On demand.

BIOL 2107K. Principles of Biology I. (4 Credits)
This is an integrated conceptual course which includes all levels of biological organization with the principles or origin, development, genetics, diversity, behavior and energetics. Laboratory exercises supplement the lecture material.

BIOL 2108K. Principles of Biology II. (4 Credits)
Biology II is the second part of the two course sequence required for students majoring in Biology. The two course sequence is designed to give students a broad foundation in the biological sciences that will enable them to pursue advanced courses in the biology curriculum. The continuity and diversity of life, evolution and activities of plant and animal life and tis environment will be discussed. Emphasis will be placed on the following topics: classical and molecular genetics, organic evolution, plant and animal reproduction, human anatomy and physiology, ecology and environment. Laboratory exercises will supplement the lecture material. Course Pre-requisite: BIOL 2107K or permission of instructor Offered: Fall, Spring, Summer.

BIOL 2211K. Introduction to Microbiology. (4 Credits)
This is a general course in microbiology designed for Nursing majors or non-biology majors which discusses the fundamental principles of the different types of microorganisms associated with organismal pathology, genetics, immunity, and disease control included. Select laboratory exercises will provide the basic skills and tools necessary in staining, culturing and the identification of differenct types of microorganisms associated with disease. Course Pre-requisite: BIOL 1100K and CHEM 1151K or BIOL 1111K or BIOL 2107K or BIOL 2411K (for non-science majors) Offered: Fall, Spring, Summer .

BIOL 2240. Foundation of Research II. (2 Credits)
This is the second course for the research track to build student confidence in formulating hypotheses and designing experiments. This course also includes an introduction to the ethical issues that arise in research. Through case studies and review of literature, the course will present hypothesis-driven research from diverse areas related to biomedical science. Course Pre-requisite: BIOL 2000 or permission of the instructor Offered: Spring.

BIOL 2250. Responsible Conduct of Research. (2 Credits)
This course is designed to provide an introduction to the basic concepts required for the responsible and ethical conduct of students engaged in undergraduate research. Topics will include lab safety, conflict of interest, data management, data sharing, authorship, animal welfare and policies involving use of human and animal subjects. Course Pre-requisites: BIOL 2107K or permission of instructor Offered: Spring .

BIOL 2311L. General Botany I Lab. (1 Credit)
Laboratory exercises will emphasize plant structure and function, plant metabolism, reproduction and heredity and plant diversity. Perquisites: Biology 2112 Co-requisite: Biology 2311.

BIOL 2320K. Laboratory Research Techniques. (3 Credits)
This course provides students with hands-on training in cutting-edge techniques, technologies, and equipment that are essential for conducting general and biomedical research. It contains four modules: Basic Lab Skills, DNA, Protein Techniques and Instrumental Methods in Chemistry. Students learn experimental techniques including reagent preparation, pipetting, DNA isolation, protein purification, Agarose Gel Electrophoresis, SDS Gel Electrophoresis, Conventional PCR, cell culture, Western blot, ELISA, chromatography (GC-MS) and spectroscopy (FT-IR, NMR, UV-Vis). Course Pre-requisite: BIOL 2107K or CHEM 2112K Offered: Summer .

BIOL 2330. Principles of Epidemiology. (3 Credits)
This course is the first of two courses offered for students pursuing the track in public health. Principles of Epidemiology provides an overview of epidemiology methods used in research studies that address disease patterns in community and clinic-based populations. Topics covered include distribution and determinants of health-related states or events in specific populations and application to control of health problems. Course Pre-requisite: BIOL 2107K or permission of instructor.

BIOL 2411K. Human Anatomy and Physiology I. (4 Credits)
BIOL 2411K is designed as an introductory course in human anatomy and physiology. Discussions include fundamental concepts related to the gross and microscopic structure and functional relationships of the integument, bones, muscles, nerves and endocrine organs. Laboratory exercises supplement the lecture material. Course Pre-requiste: Completion or exemption of all learning support requirements. Offered: Fall, Spring, Summer.

BIOL 2412K. Human Anatomy and Physiology II. (4 Credits)
This course is a continuation of human anatomy and physiology I (BIOL 2411K). Discussion will focus on the structure and functions of body systems (endocrine, cardiovascular, lymphatic, immune, digestive, respiratory, urinary and reproductive). Laboratory exercises supplement the lecture material. Course Pre-requisite: BIOL 2411K or permission of instructor Offered: Fall, Spring, Summer.

BIOL 2501. Introduction to Biomass. (2 Credits)
As the introductory course for students in the bioenergy track, this course is designed to introduce students to the source of bioenergy, which is biomass. Topics include defining biomass, sources of biomass, processing biomass, uses of biomass, and the role of environment and pollution in biomass production. Course Pre-requisite: BIOL 2107K or permission of instructor Offered: Spring.

BIOL 2601. Intro to Foodborne Diseases. (3 Credits)
This course is one of the two courses offered for students completing the track in food safety. This is an intermediate level course, which will introduce students to the major pathogens associated with foodborne diseases, their epidemiology, and approaches to outbreak investigation and control of foodborne illness. Course Pre-requisite: BIOL 2107K or permission of instructor Offered: Spring.

BIOL 3000K. Fundamentals of Biotechnology. (4 Credits)
A course designed to illustrate the current rise in biotechnology and explore its possible applications in plant, animal, biomedical, societal and global environments. Basic concepts of gene and recombinant DNA technology and laboratory on biotechnology research techniques is included.

BIOL 3101K. Environmental Biology. (4 Credits)
Environmental Biology is an interdisciplinary science that integrates the disciplines and sub-disciplines of biology, chemistry, social sciences, technology, business, law, ethics, philosophy, morality, aesthetics and government. Environmental Biology analyzes the effects and subsequent impact of man's activities on Earth's ecosystems as related to issues of personal and community health. Laboratory exercises supplement the lecture material. Course Pre-requisite: BIOL 2108K or permission of instructor Offered: Summer, Spring .

BIOL 3103. The Fundamentals of Bioenergy. (3 Credits)
This course expands upon the concepts introduced in BIOL 2501. The course introduces students to the application of biomass in the bioenergy field. Topics include defining bioenergy, sources of bioenergy, and the social, political and economic effects of using bioenergy. Course Pre-requisite: BIOL 2501 or permission of instructor Offered: Summer, Fall.

BIOL 3201. Fund of Public Hlth Nutrition. (2 Credits)
This course is one of the two courses offered for students completing the track in food safety. This course will provide an introduction to Public Health Nutrition and the role of the Public Health Nutrition professional. Emphasis will be on definition, identification and prevention of nutrition related disease, as well as improving health of a population by improving nutrition. Course Pre-requisite: BIOL 2701K Offered: Summer, Fall.

BIOL 3250K. Biochemistry. (4 Credits)
The student examines the structure, function, and metabolism of carbohydrates, amino acids and proteins, lipids, and nucleic acids. Topics include bioenergetics, enzyme kinetics, photosynthesis, and the interdependence of the vairous metabolic pathways of intermediate metabolism. Course. Prerequisite: CHEM 2302.

BIOL 3300K. General Botany I. (4 Credits)
An introduction to the study of the plant kingdom with emphasis on plant structure and function, reproduction and heredity. Pre-requisite: BIOL 2108K.

BIOL 3311K. Introduction to Natural Resources. (3 Credits)
Lecture and laboratory activies in this course are designed to introduce students to the problems of population, resource availability and environmental quality. Aspects of air, water resource problems, conventional sources of energy, and food and land resources issues will be considered in the course. Course Prerequisite: BIOL 2107K and CHEM 2112K or permission of instructor Offered: Fall, Spring.

BIOL 3316K. Sources & Uses of Plant & Wildlife Resources. (3 Credits)
Lecture and laboratory activities introduce the student to the ways plant and wildlife resources have been used throughout history and studies their importance in food production and non-edible production utilization. Course Pre-requisite: 2108K or permission of instructor Offered: Fall, Spring .

BIOL 3320K. Principles and Techniques in Water Resource. (4 Credits)
Lecture and laboratory activities introduce the student to the procedures needed to examine water over a wide range of qualities, including water suitable for domestic or industrial supplies, surface water, and treated and untreated municipal or industrial wastewater. Course Prerequisite: BIOL 2108K or permission of instructor Offered: Fall, Spring.

BIOL 3333K. Microbiology and Applications. (4 Credits)
A general course in microbiology specifically for Biology majors. Lecture and laboratory activities emphasize the fundamental concepts of the different groups of microorganisms as related to applications in human, animal and plant health, environment, industry, technology and biotechnology. The course will cover Archaea, bacteria, protists, fungi, viruses, parasites, algae and other microbial groups. Course Pre-requisite: BIOL 2107K or BIOL 2108k or permission of instructor Offered: Summer, Fall, Spring .

BIOL 3401K. Introduction to Histology. (4 Credits)
Lecture and laboratory activities indtroduce the study of tissues with emphasis placed on light microscopic preparations. Course Pre-requisite: BIOL 2107K or BIOL 2108K or permission of instructor. Offered: Fall.

BIOL 3501K. Principles of Genetics. (4 Credits)
Lecture and laboratory activities introduce the study of the classical and modern concepts of heredity in plant and animal systems. Course Prerequisite: Biology 2108K or permission of instructor Offered: Fall.

BIOL 3506. Bioinformatics. (3 Credits)
This course is designed to help students master the DNA analysis tools and resources to study the functions of genomics, understand the gene identity, facilitate the analysis and presentation of molecular and biochemical data. Course Pre-requisite: BIOL 2702K or BIOL2107K or permission of instructor Offered: Fall .

BIOL 3611K. Medical Mycology. (4 Credits)
Lecture and laboratory activities are designed to acquaint students with select fungal groups that cause human disease. Course Pre-requisite: BIOL 2108K or permission of instructor Offered: Fall, Spring .

BIOL 3701. Current Issues and Topics in Biotechnology. (2 Credits)
This course is to familiarize the students with some of the frontier areas if biotechnological applications where a huge scope for further contributions for betterment of the society exists. This course will allow students to gain theoretical and practical, hands-on knowledge of both commonly used and some specialized laboratory instruments, as well as preparation of common solutions, reagents and methodology. Prerequisite: BIOL 2702K or permission of instructor Offered: Spring .

BIOL 3801. Env Hlth Conc in Public Hlth. (2 Credits)
As the second course for student's pursuing the track in public health, this course provides a survey of major topics of environmental health. Topics include sources, routes, media, and health outcomes associated with biological, chemical, and physical agents in the environment; effects of agents on disease, water quality, air quality, food safety, and land resources; current legal framework, policies, and practices associated with environmental health and intended to improve public health. Course Pre-requisite: BIOL 2330 or permission of instructor Offered: Summer, Fall.

BIOL 3901. Pathophysiology. (3 Credits)
This course discusses the fundamentals of human diseases, with emphasis on anatomical, physiological and clinical processes. Course Pre-requisite: BIOL 2108K or permission of instructor Offered: Fall .

BIOL 4001. Research and Independent Study I. (1 Credit)
This is a required course for the biology major. The student will be introduced to concepts, methods and techniques necessary for the development of an undergraduate research topic. The student will make oral presentations on scientific topics of interest and plan a research project with assistance from a faculty advisor. (Required of all majors). Course Pre-requisite: Junior classification or permission of the instructor. Offered: Fall, Spring .

BIOL 4002. Research and Independent Study II. (1 Credit)
This is an elective course conducted under the supervision of a faculty advisor. This course is geared towards biology and biology education majors. Prerequisite: Biology 2108K.

BIOL 4101K. General Physiology. (4 Credits)
In this course, lecture and laboratory activities will emphasize the experimental approach to physiology including the nerve impulse, enzymes and their properties, along with other selcted topics. Course Prerequisite: BIOL 2108K or permission of instructor Offered: Fall.

BIOL 4201K. Introduction to Parasitology. (4 Credits)
Fundamentals of parasitology are investigated using lecture and laboratory activities with emphasis on the life histories and economic importance of protozoan, helmith, and arthropod parasites. Course Prerequisites: BIOL 2108K or permission of instructor Offered: Fall, Spring .

BIOL 4222K. Biology Senior Research. (3 Credits)
This is a required course for Biology majors. The student will conduct a supervised research project in the biological, biomedical, or related sciences. The students will perform an experiment, collect and analyze the data, and write up the research findings in a scientific report. The student will also give an oral presentation of the research findings. Course Pre-requisite: BIOL 4001 or permission of instructor Offered: Fall, Spring .

BIOL 4223. Found of Research III. (1 Credit)
As the third and final course of the Research track, this course will provide students the formal context to become critical writers and speakers of biomedical information. Students will learn to critique scientific literature, thereby, helping them to improve their own writing. Students will prepare both written and oral presentations of their research and results. Written communications include posters in the formats of the professional societies in their disciplines. Course Pre-requisite: BIOL 2240 or BIOL 4222 or permission of instructor Offered: Fall, Spring.

BIOL 4301K. Developmental Biology. (4 Credits)
Lecture and laboratory activities will emphasize classical methods of analysis and the series of emgryonic stages from gametogenesis to histogenesis. Also, basic conceptual topics such as nuclear totipotency, cell determination, cytoplasmic localization, induction, and morphogenesis are interspersed. Course Prerequisite: Biology 2108K or permission of instructor Offered: Spring.

BIOL 4401K. Comparative Vertebrate Anatomy. (4 Credits)
Course lectures will include comparative structure and evolutionary relationships among a series of chordates from amphioxus to mammals with thorough laboratory dissections of at least one representative from each of the vertebrate classes. Course Prerequisite: BIOL 2108K or permission of instructor Offered: Spring.

BIOL 4501K. Immunology. (4 Credits)
Biology 4501K is an introductory level course in immunology. Lecture and laboratory exercises cover the basic concepts of the immune system, antigen, autoimmune diseases, tumor immunology, specific and non-specific types of immune responses. Course Prerequisite: BIOL 2701K or BIOL 3333k or permission of instructor Offered: Fall, Spring .

BIOL 4601K. Plant Physiology. (4 Credits)
Lecture and laboratory exercises study vascular plant functions, including absorption and translocation of water and solutes, transipration, photosynthesis, respiration, growth and development and hormonal regulation. Course Prerequisite: Biology 3300K or permission of instructor Offered: Fall, Spring.

BIOL 4701K. Cell and Molecular Biology. (4 Credits)
This course is designed to acquaint students with the organization and function of the cell utilizing cellular and molecular techniques to investigate structure and function. Course Prerequisite: Biology 2108K or Biology 3333K or permission of instructor Offered: Fall, Spring.

BIOL 4703K. Genetic Engineering. (4 Credits)
This course is intended to bring students up to the leading edge of research in developing genetically altered organisms. Focus will be on concepts and laboratory techniques pertaining to transgenic organisms, including, transformations; screening and selection of transgenic organisms Course Prerequisite: BIOL 2702K or permission of instructor Offered: Fall, Spring.

BIOL 5001. Selected Topics in Biology. (3 Credits)

BIOL 5002. Innovative Developmts in Bio. (3 Credits)

BIOL 5003. Biotechnology. (3 Credits)

BIOL 5004. Microbiology. (3 Credits)

BIOL 5005. Biological Chemistry. (3 Credits)

BIOL 5010. Selected Topics in Zoology. (3 Credits)

BIOL 5011. Biology of the Invertebrates. (3 Credits)

BIOL 5011K. Biology of Invertebrates. (3 Credits)

BIOL 5012. Parasitology. (3 Credits)

BIOL 5013. Mammalian Anatomy. (3 Credits)

BIOL 5014. Mammalian Physiology. (3 Credits)

BIOL 5020. Selected Topics in Botany. (3 Credits)

BIOL 5021. Vegetation of South Georgia. (3 Credits)

BIOL 5022. Plant Biology. (3 Credits)

BIOL 5023. Nonvascular Plants. (3 Credits)

BIOL 5024. Vascular Plants. (3 Credits)

BIOL 5030. Selected Topics in Human Bio. (3 Credits)

BIOL 5030K. Selected Topics in Human Biolo. (3 Credits)

BIOL 5040. Genetics. (3 Credits)

BIOL 5050. Ecology. (3 Credits)

BIOL 5051. Selected Topics in Ecology. (3 Credits)

BIOL 5052. Evolution and Nature of Sci. (3 Credits)

BIOL 5501. Selected Topics in Botany. (3 Credits)
This course will emphasize the principles of vascular plant functions including hormonal regulation of growth and development. The topics will be selected to reflect the interest and needs of the students participating in the course.

BIOL 5502. Selected Topics in Zoology. (3 Credits)
This course will emphasize basic concepts of invertebrate zoology. The students (in-service teachers) in the course will help determine course content based upon their specific needs.

BIOL 5503. Selected Topics in Human Biology. (3 Credits)
This course will emphasize various aspects of human morphology and physiology. The topics will be selected to reflect the interests and needs of the students participating in the course.

BIOL 5504. Ecology. (3 Credits)
This course will emphasize principles and concepts of modern ecology. Investigative activities will include analysis of aquatic (marine and freshwater) terrestrial ecosytems.

BIOL 5505. Biology of the Invertebrates. (3 Credits)
Biology of the invertebrates is an advanced study of the taxonomy, anatomy, physiology, life history and ecology of invertebrates. Protozoa through the echinodermata are covered.

BIOL 5506. Genetics. (3 Credits)
A review of the basic principles of inheritance and classical genetics with detailed emphasis on molecular genetics, population and eugenics will be covered in this course.

BIOL 5507. Vegetation of South Georgia. (3 Credits)
This course will include a study of the common trees, shrubs and herbs of South Georgia. Emphasis will be placed upon the angiosperms of the area. Collections will comprise a major part of the course.

BIOL 5508. Parasitiology. (3 Credits)
A detailed study of the common parasites of man and domestic animals will be investigated in this course. Some emphasis will be placed on life cycles and vectors.

BIOL 5509. Mammalian Anatomy. (3 Credits)
This course will involve a study of the gross and microscopic structures of various mammalian organ systems. Emphasis will reflect the needs of the students taking the course.

BIOL 5510. Microbiology. (3 Credits)
This course will emphasize concepts and principles of bacteria, fungi and other microbial groups. Some attention will be given to morphological, physiological and biochemical relationships in these groups.

BIOL 5511. Nonvascular Plants. (3 Credits)
An evolutionary survey of the plant kingdom with emphasis on comparative morphology and evolution of the algae, fungi and bryophytes will be conducted in this course.

BIOL 5512. Vascular Plants. (3 Credits)
This course introduces the student to the structure and development of vegetative and reproductive organs of vascular plants, especially those associated with angiosperms and gymnosperms.

BIOL 5513. Mammalian Physiology. (3 Credits)
This course will emphasize the homeostatic mechanisms of such organ systems as cardiovascular, nervous, gastrointestinal, respiratory and genital urinary.

BIOL 5514. Biology Chemistry. (3 Credits)
This course is the study of the biologically important molecules and their metabolism and reactions in living systems.

BIOL 5515. Selected Topics in Biology. (3 Credits)
This course will enhance and reinforce biological concepts and principles for biology teachers. Emphasis will also be placed on biology methodology and computer utilization for middle grades and secondary teachers.

BIOL 5516. Innovative Developments in Biology. (3 Credits)
This course will address biological concepts in the areas of cell biology, genetics and metabolism for middle grades and secondary teachers. Emphasis will be placed on increasing teachers' knowledge and understanding in identifying, applying and analyzing recent biology concepts, processes and principles and increasing teachers' understanding and skills in using the methods of science through the use of open-ended investigations.

BIOL 5517. Selected Topics in Ecology. (3 Credits)
This course will address ecological concepts in northern, middle and coastal areas of Georgia for middle grades and secondary teachers. Emphasis will be placed on addressing current ecological issues that incorporate hands-on field activities into the learning process.

BIOL 5518. Biotechnology. (3 Credits)
This course will emphasize the study of gene structure and regulation. It is designed to acquaint students with current concepts and issues in biotechnology and to explore its applications in plant, animal, biomedical, human society and the global environment.

BIOL 5519. Plant Biology. (3 Credits)
Particular attention will be placed on the identification, selection and use of materials for correlating the study of plants with other subjects. The teacher will develop a base of knowledge that will enhance his/her effectiveness in planning and executing laboratory and field exercises in botany that complement lecture presentation.

BIOL 5520. Evolution and the Nature of Science. (3 Credits)
The nature of science and the fundamentals governing its origin will be presented in relation to current problems affecting the maintenance of life on earth. Special emphasis will be placed on the interaction of biological and cultural evolution and the alternatives to extinction that challenge contemporary man.

BIOL 5521. Hydrology/Water Use Efficiency. (3 Credits)
This course is designed to introduce concepts basic to hydrology and irrigation. Fundamental characteristics of aquifers - tributrary and non-tributary - are discussed along with their relevance for policy issues. Irrigation techniques and water use efficiency are discussed.

BIOL 5522. Enviro and Nat Resour. (3 Credits)
This course provides an overview of the economic principles, public policy instruments, and current practice involved in the management and conservation of natural and environmental systems. Emphasis is on the basic economic, ecology, principles and concepts that are necessary for effective resource management.

BIOL 5523. Water Resources/Envr Plan. (3 Credits)
This course provides the basic concepts necessary for applying benefit cost analysis to water projects and issues.

BIOL 5524. Water Law. (3 Credits)
This course is designed to introduce students without a background in law to basic legal concepts that are of critical importance for the design and implementation of water policies. Included will be a review of all major court decisions concerning equitable apportionment and their relevance for contemporary water policy.

Business Administration (BUSA)

BUSA 1100. Financial Planning and Investment Management. (2 Credits)
Provides the foundation for studying and applying personal financial planning techniques for a lifetime. Corequisite: None. Prerequisite: None. Offered: All semesters.

BUSA 1105. Introduction to Business. (3 Credits)
An integrative study of the functional areas of business (finance, operations, marketing, human resources, etc.) Prerequisites: READ 0099, ENGL0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher; MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into co-requisite remediation or higher. Offered: Fall and Spring.

BUSA 1121. Small Business Management. (3 Credits)
This course provides an extensive coverage of topics related to small business management and entrepreneurship. Students will learn managing (operation, human resources, risk, and assets), marketing, financing and evaluation of the financial performance of small businesses. Students will also learn how to prepare a comprehensive business plan. Prerequisites: None. Corequisites:None. Offered: On demand.

BUSA 1145. International Business, Culture and Economics. (2 Credits)
This is an introductory course covering various aspects of the international business environment, including global culture and the economy, different political and legal systems around the world, the international financial system and international business management. Prerequisites: None. Corequisites: None. Offered: Fall.

BUSA 2101. Survey of Computer Applications. (3 Credits)
An introduction to computers and computer applications at a level appropriate for basic academic and professional needs. Offered: Fall and Spring. Pre-requisites: none.

BUSA 2106. The Environment of Business. (3 Credits)
An introduction to the legal and regulatory political, social, ethical, cultural, environmental and technological issues which form the context for business; to include an overview of the impact of demographic diversity on organizations. The emphasis will be on the legal environment. Corequisite: None. Prerequisite: None. Offered: All semesters.

BUSA 2200. Principles of Management. (3 Credits)
A study of applied management techniques and practices emphasizing planning, organizing, decision making, staffing, directing, and controlling as they pertain to solving management problems. Corequisite: None. Prerequisite: None. Offered: Fall, Spring.

BUSA 2215. Principles of Human Resources Management. (3 Credits)
The study of personnel administration as a staff function. It includes discussion of employment standards, procurement and placement, remuneration, training, safety and health, employee services and labor relations. Corequisite: None. Prerequisite: None. Offered: Fall, Spring.

BUSA 2220. Human Relations. (3 Credits)
A study of the patterns of human behavior leading to effective work relationships. The following are discussed: the influence of leadership, the organization itself, peer groups, and the social environment in which the organization exists as related to human motivation. Corequisite: None. Prerequisite: None. Offered: Every other Spring.

BUSA 2234. Logistics and Supply Chain Management. (3 Credits)
This course surveys current practices in logistics management inlcuding purchasing, transportation, warehousing and inventory control. Corequisite: None. Prerequisite: None. Offered: On demand.

BUSA 2235. Inventory Management. (3 Credits)
This course provides a comprehensive study of inventory control and warehousing as key functions within the supply chain. Corequisite: None. Prerequisite: None. Offered: On demand.

BUSA 2236. Transportation and Traffic Management. (3 Credits)
This course explores transportation and traffic management principles and techniques including truck, ship, rail, air and intermodal. Topics include selecting carriers, contracting, government regulations, tariffs, documentation, rate structures, import/export management and interstate/intrastate traffic management. Corequisite: none. Prerequisite: None. Offered: On demand.

BUSA 2237. Cost,Performance&Cust.Serv.Mgm. (3 Credits)
This course deals with managing cost and performance issues along the supply chain as they are vital to ensuring high profitability and customer satisfaction. Corequisite: None. Prerequisiste: None. Offered: On demand.

BUSA 2238. Global Statistics. (3 Credits)
This course develops a framework for and an overview of the theories, commercial dynamics, public policies, laws and the various economic, political and social factors affecting the actual operations and regulation of global trade, transportation and logistics. Corequisite: None. Prerequisite: None. Offered: On demand.

BUSA 2239. Purchasing and Material Management. (3 Credits)
This course includes an overview of quality assurance, quantity determination, price and cost analysis and supplier relations. The policies and procedures of purchasing management are introduced and issues of concern to today's purchasing professional are discussed. Corequisite: None. Prerequisite: None. Offered: On demand.

BUSA 2240. Principles of Marketing. (3 Credits)
Principles and methods involved in moving goods and services from producers to consumers; the marketing environment, channels of distribution, marketing functions, marketing decision-making, and the merchandising/retailing function of marketing including retail organization, merchandise management, customer services and retail control. Corequisite: None. Prerequisite: None. Offered: Fall.

BUSA 2250. Retail Management. (3 Credits)
A study of the factors involved in the management of a retailing enterprise. This includes store design and layout, structure of the retail organization, retail personnel management, buying and pricing of merchandise, customer service, store security, and basic accounting procedures. Corequisite: None. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Every other summer – odd years.

BUSA 2255. Personal Selling. (3 Credits)
Includes principles of selling with practical applications such as careers in sales, sales psychology, sales techniques and customer service. Covers concepts and techniques of making an effective sales presentation from prospecting to follow-up. Corequisite: None. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Every other summer - even years.

BUSA 3100. Business Internship I. (3 Credits)
This course introduces junior or advanced sophomore business students to working environments in their aspiring professional careers with an opportunity to gain valuable insights into actual organizational and managerial practices and operations. Through such experiences students can better correlate their academic experiences with their future professional careers. Offered: Fall, Spring and Summer Prerequisities: None.

BUSA 4000. Internship in Business. (3 Credits)
Provides an opportunity for students to gain practical experiences while working in a business or governmental agency. Internship coordinated by a faculty member and supervised by an approved business supervisor.

BUSA 4100. Business Internship II. (3 Credits)
This course provides the senior business students with supervised professional career-related work experience to acquire valuable skills and managemnet specific knowledge and training in buiness or business-related organizations. Students will be required to submit portfolios of their internships directly related to their future professional careers and make presentations to business professionals for evaluations. Prerequisite: Senior Standing. Offered: Fall and Spring.

BUSA 4105. International Business. (3 Credits)
Contemporary problems, issues, and opportunities in international business from conceptual and practical viewpoints. Extensive use of case studies to develop the students' ability to diagnose and develop solutions to management situations facing the multinational executive. Prerequisite: ECON 2105 Offered: Fall, Spring, and Summer.

BUSA 4200. Project Management. (3 Credits)
This course addresses the main topics of project management such as project scope, project planning, resource planning, budget analysis, risk analysis, and project control. The course also emphasizes project management tools such as Gantt charts, critical path anaylsis, and project management software. Prerequisite: MGMT 3106 Offered: Fall.

Chemistry (CHEM)

CHEM 1101K. Intro to Chemistry Lab. (4 Credits)
This course is designed to prepare students with little, if any, chemistry or math backgrounds for the General Chenistry I and General Chemistry II sequence (CHEM 1211/1212). Topics to be studied include matter, measurement, units and unit conversions, graphing, atomic structure, nomenclature, bonding, the periodic table, chemical equations, chemical reactions, stoichiometry. Exercises designed to improve science study skills will be included. The emphasis of the lecture will be on problem solving strategies, skill building and real life applications.

CHEM 1151K. Survey of Chemistry I. (4 Credits)
This course is the first part of a two-semester sequence covering elementary principles of general and organic chemistry and biochemistry designed for allied health profession majors. Topics to be covered include elements and compounds, chemical equations, nomenclature, and molecular geometry. Laboratory exercises will supplement the lecture material. 4 credits. Prerequisite(s): Permission of instructor. Offered: Fall.

CHEM 1152K. Survey of Chemistry II. (4 Credits)
This course is the second in a two-semester sequence covering elementary principles of general and organic chemistry and biochemistry designed for allied health profession majors. Topics to be covered include gases, solutions, acids/bases, basic functional groups and reactions of organic molecules. Additionally, carbohydrates, lipids, proteins, and enzymes are introduced. Laboratory exercises will supplement lecture material. Prerequisite(s): CHEM 1151K US.

CHEM 1211K. Principles of Chemistry I. (4 Credits)
This course is the first part of a two-semester general chemistry curriculum. It is primarily designed for students with career interests in chemistry, biology, medicine, pharmacy, and other STEM (Science, Technology, Engineering, and Mathematics) fields. This course covers basic chemistry: the fundamental concepts concerning the atomic and molecular structures and properties of matter, states of matter, stoichiometry, chemical equations and various types of equilibrium in solution including electrochemistry. Laboratory excercises supplement lectures. 4 credits. Prerequisite(s): Permission of instructor. Offered: Fall, Spring, Summer.

CHEM 1212K. Principles of Chemistry II. (4 Credits)
This course is the second part of a two-semester general chemistry sequence. It is primarily designed for students with career interests in chemistry, biology, medicine, pharmacy and other science fields. It will mainly deal with states of matter, solutions, chemical reactions, chemical kinetics, eequilibrium, acids/bases and pH with corresponding laboratory activities. The laboratory activity is extremely important to enhance understanding of the materials learned from lecture. 4 credits. Prerequisite(s): CHEM 1211K. Offered: Fall, Spring, Summer.

CHEM 2250. Responsible conduct of Research. (2 Credits)
This course is designed to provide appropriate training and oversight in the responsible and ethical conduct of research to students engaging in undergraduate research. Ethical and policy issues relevant to the responsible conduct of research will be discussed. Analysis and application of topics including conflict of interest, responsible authorship, policies for handling misconduct, data management, data sharing, and policies involving use of human and animal subjects.

CHEM 2301K. Organic Chemistry I. (4 Credits)
This is the first course of a two-semester sequence in modern organic chemistry. In this course the student will be introduced to concepts of reactivity from structural, mechanistic, and synthetic perspectives. We will explore details of aliphatic substitution, addition, elimination, and free-radical reaction types. The systematic naming of compounds, stereochemistry, conformation, and isomerism will also be covered extensively. Laboratory exercises supplement lectures. 4 credits Prerequisite(s): CHEM 1212K US Offered: Fall, Spring, Summer.

CHEM 2302K. Organic Chemistry II. (4 Credits)
This course is a continuation sequence of CHEM 2301K and it includes a systematic description of the chemistry of functional groups such as alkenes, alkynes, alcohols, aromatic and carbonyl compounds. Spectroscopic methods of analysis, including infrared, ultraviolet/visible, mass spectroscopy and nuclear magnetic resonance spectroscopy are also included. Laboratory exercises supplement lectures. Prerequisite(s): CHEM 2301K Offered: Fall, Spring, Summer.

CHEM 2310. Scientific Mathematics. (2 Credits)
This course is designed to acquaint students with mathematical concepts used in scientific studies including those required for the laboratory and publications. This course therefore will include mathematics review as well as applications into scientific problems.

CHEM 2320. Laboratory Research Techniques. (3 Credits)
This course provides students with hands-on training on cutting-edge techniques, technologies, and equipment that are essential for conducting general and biomedical research. It contains four modules: Basic Lab Skills, DNA, Protein Techniques and Instrumental Methods in Chemistry. Students learn experimental techniques including reagent preparation, pipetting, DNA isolation, protein purification, Agarose Gel Electrophoresis, SDS Gel Electrophoresis, conventional PCR, cell culture, Western blot, ELISA, chromatography (GC-MS) and spectroscopy (FT-IR, NMR, UV-Vis). 3 credits. Prerequisite(s): Permission of instructor. Offered: Spring, Fall .

CHEM 2351K. Quantitative Analysis I. (4 Credits)
This course involves the study of theory and practice of gravimetric and titrimetric analysis with emphasis on solution equilibria as applied to acid-base, precipitation, and complexiometric methods. The laboratory work will cover basic laboratory techniques, solution preparation, titrations, equilibrium constants, statistics, gravimetric analysis, and EDTA experiments. 4 credits. Prerequisite(s): CHEM 1212K Offered: Fall.

CHEM 2352K. Quantitative Analysis II. (4 Credits)
This course is a continuation of the study of analytical methods including oxidation-reduction, titration and an introduction to instrumental methods-potentiometric, spectrophotometric, and chromatographic. The laboratory work will cover spectroscopic methods, electrochemical methods, and chromatographic methods. Modern analytical instruments such as UV-Vis and Infrared (IR) spectrophotometers, Gas Chromatograph (GC), High Performance Liquid Chromatograph (HPLC), Atomic Absorption Spectrophotometer (AAS), and electrochemical instruments will be introduced and data from each of the methods will be analyzed. Prerequisite(s): CHEM 2351K US D.

CHEM 2415. Scientific Writing. (3 Credits)
This course is designed to acquaint learners with disco-very inquiry processes and to provide competencies for writing scientific papers. Prerequisite(s): Permission of instructor.

CHEM 3151K. Quantitative Analysis I. (4 Credits)
This course involves the study of theory and practice of gravimetric and titrimetric analysis with emphasis on solution equilibria as applied to acid-base, precipitation, and complexiometric methods. The laboratory work will cover basic laboratory techniques, solution preparation, titrations, equilibrium constants, statistics, gravimetric analysis, and EDTA experiments. 4 credits. Prerequisite(s): CHEM 1212K Offered: Fall.

CHEM 3152K. Quantitative Analysis II. (4 Credits)
This course is a continuation of the study of analytical methods including oxidation-reduction, titration and an introduction to instrumental methods-potentiometric, spectrophotometric, and chromatographic. The laboratory work will cover spectroscopic methods, electrochemical methods, and chromatographic methods. Modern analytical instruments such as UV-Vis and Infrared (IR) spectrophotometers, Gas Chromatograph (GC), High Performance Liquid Chromatograph (HPLC), Atomic Absorption Spectrophotometer (AAS), and electrochemical instruments will be introduced and data from each of the methods will be analyzed. Prerequisite(s): CHEM 2351K US D.

CHEM 3221K. Physical Chemistry I. (4 Credits)
This course is a study of the fundamental laws governing matter in the gaseous state, the laws of thermodynamics (0th-3rd laws), and chemical kinetics. It will also include the applications of principles, such as solid and liquid states, solutions, phase equilibria, and electrochemistry. In this class, students will learn what constitutes the driving force for physical and chemical changes, and how it changes with temperature and pressure. The laboratory work is designed to provide students with first-hand, practical experience in making and interpreting scientific observations. Prerequisite(s): PHYS 2222K.

CHEM 3222K. Physical Chemistry II. (4 Credits)
This course introduces the theory and application of quantum theory and bonding; magnetic and spectral properties of atoms and molecules; and statistical mechanics. Prerequisite(s): MATH 2212 US C or taken concurrently. PHYS 2222K US C and CHEM 2301K US C or CHEM 2351 US C. Offered: Fall.

CHEM 3231K. Intermediate Inorganic Chemistry I. (4 Credits)
The course will focus on acquiring different conceptual tools that are necessary to understand structure-function correlations in inorganic systems. The tools include chemical forces, symmetry and point groups, qualitative molecular orbital theory and coordination chemistry. This course will cover 12 chapters in the textbook, ranging from the first principles, transition elements to bioinorganic chemistry. The laboratory work will supplement lecture material. 4 credits. Prerequisite(s): CHEM 3222K Offered: Spring .

CHEM 3232. Intermediate Inorganic Chemistry II. (3 Credits)
This course involves the study of the transition element including bonding of coordination compounds, stero-chemistry and reactions, and an introduction to organ metallic chemistry and catalysis.

CHEM 3250K. Biochemistry I. (4 Credits)
In this course, the student examines the structure and function and of carbohydrates, amino acids and proteins, lipids, and nucleic acids. The laboratory work is designed to supplement lectures. 4 credits. Prerequisite(s): CHEM 2302K Offered: Spring, Fall, Summer.

CHEM 3252. Biochemistry II. (3 Credits)
Designed to present details of biochemical processes normally covered in the second semester of a two semester biochemistry sequence. This includes an in-depth study of the metabolism of amino acids, lipids, carbohydrates and nucleic acids; advanced enzyme kinetics; reaction mechanisms and regulatory pathways. Recombinant DNA technology will also be addressed. Prerequisite(s): CHEM 3250K Offered: Not offered on a regular basis .

CHEM 3300. Nanoscience and Nanotechnology. (3 Credits)
This course is designed for a multidisciplinary audience with a variety of backgrounds such as chemistry, biology, physics, and forensic science. It will provide an introduction into the principles and applications of the promising field of nanotechnology and nanoscience, Furthermore, it will introduce the tools and principles relevant at the nanoscale dimension, and discuss current and future nanotechnology applications in engineering, materials, physics, chemistry, biology, electronics and energy. 3 credits. Prerequisite(s): CHEM 2302K and BIOL 2107K and (PHYS 1112K or PHYS 2222K). Offered: Fall .

CHEM 3400. Polymer Science. (3 Credits)
Polymer science has diffused into the modern world with polymers finding applications in areas such as construction materials, drug design, computing hardware and optoelectronics, healthcare as well as biomedical applications. This course provides an introduction to the fundamental physical and chemical properties of polymers such as their molecular, thermal, mechanical, and electrical properties. In addition, we explore how these materials are synthesized, evaluated, and their commercial applications. 3 credits. Prerequisite(s): CHEM 2302K Offered: Fall.

CHEM 4100K. Instrumental Analysis. (4 Credits)
In this course, the student will be introduced to study the principles and applications of modern instrumental methods of analysis with special emphasis on spectrophotometric, chromatographic, electroanalytical and radiochemical techniques. The laboratory work is designed to provide the practical experience on state-of-the-art analytical instruments such as NMR, IR spectrophotometer and Scanning Electron Microscope. Prerequisite(s): CHEM 3222K US C Offered: Spring.

CHEM 4110. Chemical Literature I. (1 Credit)
This course is designed to acquaint the student with ethics, governmental regulations of chemicals in the work place, and primary sources of information from journals to databases that are currently available. 1 credit. Prerequisite(s): Senior Status Offered: Fall.

CHEM 4111. Junior Seminar. (1 Credit)
This course is designed to train students in using science literature and presenting scientific information. Students will review scientific writing styles and presentation formats, prepare a poster presentation, and observe and evaluate scientific presentations by invited guest, ASU faculty and senior students. Prerequisite(s): Junior Status.

CHEM 4120. Senior Research I. (1 Credit)
In this course, students will present preliminary plans/ background of their senior research proposals following a review of the current literature. 1 Credit. Prerequisite(s): CHEM 4111 Offered: Fall.

CHEM 4130K. Senior Research II. (3 Credits)
In this course, students select a research area in chemistry and the final written report is completed as a senior thesis (Off campus research experience or industrial co-op/ internships may be substituted if taken at the junior/senior level). 3 credits. Prerequisite(s): CHEM 4120 Offered: Spring, Fall.

CHEM 4140. Advanced Biochemistry. (3 Credits)
This course examines detailed biochemical pathways and elucidates the nature and mechanism of these reactions with special emphasis on the quantification of the chemical components of cells. Prerequisite(s): CHEM 3250K US C.

CHEM 4150K. Computational Chemistry. (4 Credits)
Computer application of molecular orbital calculation using semiemprical and abinitio programs incorporating molecular modeling aspects are investigated in this course. Prerequisite(s): CHEM 3222K US.

CHEM 4160. Special Topics in Chemistry. (2 Credits)
Must be enrolled in one of the following Class(s): Junior, Senior - This course is designed to allow students and faculty to explore some topics in greater detail than in a regular classroom setting, or to allow the introduction of such additional topics as specific areas of biochemistry, chemical physics, polymer chemistry, bio-analytical and environmental chemistry. Prerequisite(s): Permission of Instructor (may be repeated twice)

CHEM 4170K. Special Laboratory Problems. (2 Credits)
This course is similar to Special Topics in Chemistry (CHEM 4160) but involves laboratory experiences. Prerequisite(s): Senior status and permission of Instructor. 2 credits. Offered: Not offered on a regular basis .

CHEM 4180K. Topics in Research Techniques. (4 Credits)
This course examines relevant methods and techniques that are used in biomedical research. Prerequisite(s): Permission of instructor.

CHEM 4200K. Environmental Chemistry. (4 Credits)
This course will include an overview of the earth and its atmosphere and a study of the chemical processes that occur in this environment. The chemical structures and toxic properties of chemical pollutants and the reactions in the environment will be included, as well as a discussion of the sources for chemical contamination and methods for controlling pollution. Prerequisite(s): CHEM 2302K and MATH 1113 Offered: Not offered on a regular basis .

CHEM 4210K. Nanoscale Analytical Methods. (4 Credits)
This course provides an introduction to the novelty, the challenge and the excitement of nanoscale science and technology. This course is designed to explore the principles of nanoscale analytical methods that are essential to nanoscience and nanomaterial chemistry. This course will also provide fundamental theoretical and practical knowledge of nanomaterials. The Students will be introduced to applications and characterizations of nanomaterials. Prerequisite(s): CHEM 2352K Offered: Not offered on a regular basis .

Computed Tomography (CTCP)

CTCP 2100. Introduction to Computed Tomography. (2 Credits)
This course serves as an introduction to computed tomography with an emphasis on basic patient care while in a Computed Tomography department, as well as the history of CT and the components of a CT scanner. Additional topics include patient history, vital signs, laboratory values, contrast agents (oral and intravenous), medical ethics, patient confidentiality, as well as research contributors in CT, historical events, scanner generations, characteristics of radiation, detectors and data acquisition system. Corequisite: Graduation from an accredited Radiology, Nurclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nurclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Fall, Spring and Summer.

CTCP 2110. Physical Principles, Instrumentation and Quality Control. (3 Credits)
This course is an overview of the system operation, components and quality control. To be able to understand the different functions and capabilities and identify the components of the CT scanner to provide quality care during a CT examination. Topics include data acquisition, data processing, reconstruction, manipulation, image quaity, console, high voltage generator, filter, detectors, and confolution, interpolation and pitch. Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2120. Sectional Anatomy I (Head, Spine, Chest). (4 Credits)
This is an overview of cross-sectional anatomy that is imaged during a Computed Tomography examination. The course will provide information about normal head, spine and chest anatomy. Students will be able to identify and recall normal anatomical structures on cross-sectional images in order to perform quality care for patients. Topics include the Circle of Willis, gray/white matter, pons, vetebral body, lamina, spinous process, spinal cord, heart (ventricle/atrium), lungs and ribs. Corequisite: Graduation from accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certificate Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2130. Sectional Anatomy II (Abdomen, Pelvis, Neck, Extremity). (4 Credits)
This is an overview of cross-sectional anatomy that is imaged during a Computed Tomography examination. This course will provide basic information about normal neck, abdomen, pelvis and extremities anatomy. Students will be able to identify and recall normal anatomical structures on cross-sectional images in order to perform quality care for patients. Topics include the liver, aorta, spleen, pancreas, kidneys, ureters, pelvic girdle, sma celiac artery, femoral arteries, popliteal arteries and bony structures such as the ribs, femur, humerus, ankle, shoulder. Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2140. Clinical Application I. (4 Credits)
This course introduces students to the clinical setting of a Computed Tomography (CT) department. It allows students to observe and gain knowledge of CT procedures as well as patient care while in the CT department. Introduces the student to the CT scanner, protocols, equipment used, contrast agents, as well as starting to work toward their clinical competencies needed for this course and the American Registry or Radiologic Technologists (ARRT). Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

CTCP 2150. Clinical Application II. (5 Credits)
This course is a continuation of the hands-on training about the CT scanner, protocols, equipment, contrast agents, as well as post-processing that was introduced in the previous clinical course. It allows students to become more proficient as well as gain work experience needed to join the workforce as an entry-level technologist and towards the completion of their clinical competencies needed for this course, as well as the American Registry of Radiologic Technologists (ARRT). Corequisite: Graduation from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program. Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMTCB). Offered: Spring, Summer and Fall.

Computer Info Systems Mgt (CISM)

CISM 1100. Computer Concepts/Software Applications. (2 Credits)
A course designed to assure a basic level of computer applications literacy, including basic hardware and software, societal issues, word processing and spreadsheet software using Microsoft Word and Excel, as well as Internet use. Taking both CISM 1100 and CISM 1101 is equivalent to CISM 2201. Credit for graduation may be received only for (a) CISM 2201 or (b) CISM 1100 or (c) CISM 1100 and CISM 1101. CISM 2201 and CISM 1100 are related courses; credit may not be received for both. Corequisite: None. Prerequisite: None. Offered: On demand.

CISM 1101. Computer Applications. (1 Credit)
Designed to provide basic competency in database management and presentation software using Microsoft Access and Power Point. Designed for those students who take CISM 1100 and later decide to major in Business Administration or Computer Information Systems. Taking both CISM 1100 and CISM 1101 is equivalent to CISM 2201. Credit for graduation may be received only for (a) CISM 2201 or (b) CISM 1100 or (c) CISM 1100 and CISM 1101. CISM 2201 and CISM 1100 are related courses; credit may not be received for both. Prerequisite: CISM 1100 or permission of instructor. Offered: Fall, Spring, Summer.

Computer Processing (COPR)

COPR 1108. Survey of Online Instruction & Technology. (1 Credit)
A course designed to familiarize online faculty with Darton college policies and to assure a basic level of WebCT Vista and Banner software ability as needed for the development and teaching of online classes for Darton College. Prerequisites: Permission of the Dean/Division Chair. Offered: On demand.

COPR 1114. Facilitating Learning Online. (2 Credits)
This course is designed for faculty and future teachers who are or may be facilitating online courses. This course demonstrates and shares a spectrum of online learning concepts, theories, and principles using interactive and collaborative experiences. It is designed to improve the facilitation skills of faculty members who offer online courses in higher education and is focused on theory, concepts, and practices for effective online facilitation. Credit for graduation may be received only for COPR 1114 or COPR 1131. COPR 1114 and COPR 1131 are related courses; credit may not be received for both. Prerequisite: None. Corequisites: None. Offered: On Demand.

COPR 1122. Intro/Instructional Technology. (3 Credits)
A course designed to introduce the student to the use of computers, software and the Internet in the online academic setting. This course will offer a survey of the theory of instructional design and the use of the computer as an instructional tool. Prerequisites: None. Corequisites: None. Offered: On demand.

COPR 1123. Web-based tools/Appl for Educ. (3 Credits)
A course designed to introduce the student to the selection, creation, utilization and evaluation of web-based tools in the online classroom environment. Students will learn how to evaluate and select web-based tools and applications for use in the online classroom as well as how to implement and utilize applications in the online classroom setting. Prerequisites: None. Corequisites: None. Offered: On demand.

COPR 1124. Online Communication Tech. (3 Credits)
A course designed to introduce the student to a variety of communication technologies that can be used in the online classroom environment. Students will learn how to use discussion boards, email, voice/video chat, instant messaging, and blog/journaling within their courses to enhance student-teacher and student-student communication. Prerequisites: None. Corequisites: None. Offered: On demand.

COPR 1125. Instructional Design/Onl Cours. (3 Credits)
A course designed to familiarize students with the process of instructional design. This course will introduce students to the systematic process of analyzing the learner, developing and selecting objectives, assessment instruments, instrucitonal materials and evaluating and re-evaluating the instructional design of a course. Prerequisites: None. Corequisites: None. Offered: On demand.

COPR 1131. Success in Onl Instruction & L. (2 Credits)
This course is designed for those who are or may be facilitating online courses. This course demonstrates and shares a spectrum of online learning concepts, theories, and principles using interactive and collaborative experiences. It is designed to improve the facilitation skills of faculty members and business trainers who offer online courses and is focused on theory, concepts, and practices for effective online facilitation. Credit for graduation may be received only for (a) COPR 1114 or (b) COPR 1131. COPR 1114 and COPR 1131 are related courses; credit may not be received for both. Prerequisites: None. Corequisites: None. Offered: On demand.

COPR 2226. Advanced PowerPoint/Access. (3 Credits)
COPR 2226 Advanced PowerPoint/Access (3-0-3) The course offers students the opportunity to develop advanced skills using Microsoft PowerPoint and Microsoft Access at levels appropriate for the Microsoft Office Specialist exams. Prerequisites: CISM 2201 or CISM 1101 or permission of instructor. Corequisites: None. Offered: On demand.

COPR 2235. Database Management Systems. (3 Credits)
This course will study database management theory and practice. Experience with designing, creating and using databases will be gained through hands-on projects using software packages such as Microsoft Access. This course is also listed as CSCI 2235. Prerequisite: CISM 2201 with a grade of C or better or permission of instructor. Offered: As needed.

COPR 2244. Introduction to Networking.. (4 Credits)
Provides an overview of LAN, MAN and WAN networking concepts and technologies including media, devices, topologies, the OSI model, protocols, network architectures, and troubleshooting techniques. Basic network administration and concepts are introduced with an emphasis on practical networking situations. Corequisite: None. Prerequisite: Completion or exemption of all learning support requirements. Offered: On demand.

COPR 2245. Configuring Windows Client Operating Systems. (5 Credits)

COPR 2246. Managing and Maintaining a Windows Server. (5 Credits)
Designed for students to learn the proper procedures to install, manage and maintain a windows server network operationg system. The course focuses on installing the OS, supporting applications and server roles. Prerequisite: COPR 2244 with a grade of C or permission of Division Dean. Offered: On demand.

COPR 2250. Computer Systems Support I. (3 Credits)
Topics include, but are not limited to: how to install hardware such as drives, modems, memory, network cards, etc.; installing software, resolving conflicts, configuring IRQs; using printer and video drivers; and configuring PC operating systems. Follows A+ certification curriculum. Prerequisite: Grade of C or better in CISM 2201 or permission of instructor. Offered: Fall, Spring.

COPR 2255. Special Problems in Comp Sys. (3 Credits)
This course is designed to provide students with the opportunity to study one or more of a broad range of current topics and applications. The topics chosen may be those that are not covered in another course and that reflect the rapidly changing nature of this field. Students may use a maximum of 12 hours of Special Topics in Computer Systems in a program of study. Corequisite: To be determined by instructor. Prerequisite: To be determined by instructor. Offered: On demand.

COPR 2257. Special Problems in Comp Sys. (1 Credit)
This course is designed to provide students with the opportunity to study one or more of a broad range of current topics and applications. The topics chosen may be those that are not covered in another course and that reflect the rapidly changing nature of this field. Students may use a maximum of 12 hours of Special Topics in Computer Systems in a program of study. Corequisite/Prerequisite: To be determined by instructor. Offered: On demand.

COPR 2281. Networking for Home and Small Businesses. (5 Credits)
CCNA1: Networking Basics is the first of the four courses leading to the Cisco Certified Network Associate (CCNA) certification. The goal of this course is to introduce the student to fundamental networking concepts and technologies. This course provides a hands-on introduction to networking and the Internet using tools and hardware commonly found in the home and small business environment. This course covers skills necessary to plan and implement small networks across a range of applications needed to obtain entry-level Home Network Installer jobs. It also provides the foundation skills needed for Network Technician, Computer Technician, Cable Installer, and Help Desk Technician jobs. Hands-on labs will reinforce lectures. Prerequisite: Grade of C or better in CISM 2201 or permission of division Dean. Students without some background in computer networks may find taking COPR 2244 prior to this course helpful. Offered: On demand.

COPR 2282. Working at a Small-to-Medium Business or ISP. (5 Credits)
CCNA2: Working at a Small-to-Medium Business or ISP is the second of four courses leading to the Cisco Certified Network Associate (CCNA) certification. The goal of this course is to assist the student in developing the skills necessary to provide customer support to users of small-to-medium-sized networks and across a range of applications. The course provides an introduction to routing and remote access, addressing and network services. It will also familiarize the student with servers providing email services, web space, and Authenticated Access. This course covers skills required for entry-level Help Desk Technician and entry-lever Network Technician jobs. In addition, the student will complete preparation for the Cisco Certified Entry network Technician (CCENT) exam. Hands-on labs will reinforce lectures. Prerequisite: COPR 2281. Offered: On demand.

COPR 2283. Introducing Routing and Switching in the Enterprise. (5 Credits)
CCNA3: Introducing Routing and Switching in the Enterprise is the third of four coursse leading to the Cisco Certified network Associate (CCNA) certification. The goal of this course is to assist the student in developing skills necessary to use protocols to maximize enterprise LAN and WAN performance. The course provides more advanced configurations of switching and routing protocols, configuration of access control lists, and basic implementation of WAN links. It also provides detailed troubleshooting guidance for LAN, WAN, and VLAN implementations. This course prepars the student with the skiills required for entry-level Network Technician, Help Desk Technician and Computer Technician jobs. Hands-on labs will reinforce lectures. Prerequisite: COPR 2282. Offered: On demand.

COPR 2284. Designing and Supporting Computer Networks. (5 Credits)
CCNA4: Designing and Supporting Computer Networks is the last of four courses leading to the Cisco Certified Network Associate (CCNA) certification. The goal of this course is to assist the student in developing the skills necessary to design small Enterprise LANs and WANs. The course provides an introduction to collecting customer requirements, translating those requirements into equipment and protocol needs, and creating a network topology which addresses the needs of the customer. It will also familiarize the student with how to create and implement a design proposal for a customer. This course prepares the student with the skills requierd for entry-level Pre-Sales Support and entry-level Network Design jobs. In addition, the student will complete preparation for the CCNA exam. Hands-on labs will reinforce lectures. Prerequisite: COPR 2283. Offered: On demand.

COPR 2301. Maintaining a Windows Network Infrastructure. (5 Credits)
Designed to provide students with the knowledge and skills necessary to successfully plan, implement, and troubleshoot a Microsoft Windows server network infrastructure. The course focuses on forest and domain structure, Domain Name System (DNS), site topology and replication, organizational unit structure and delegation of administration, Group Policy, and user, group, and computer account strategies. Prerequisites: COPR 2246 with grade of C or better or permission of division Dean. Offered: On demand.

COPR 2321. Basic Principles of Network Security. (3 Credits)
COPR 2321 Basic Principles of Network Security (3-0-3) This course provides an introduction in the basics of network security. Topics include providing a secure framework for an organization, the basics of cryptography, the development of policies and procedures for overall security and various methods of attack and potential compromise of a computer or networking system. Prerequisite: COPR 2244 or COPR 2250 or COPR 2281 or permission of instructor. Offered: On demand.

COPR 2328. Enterprise Messaging. (5 Credits)
This course provides an introduction into the basics of enterprise messaging with a focus on Microsoft Exchange. Topics include configuring Outlook and Outlook Web Access (OWA) clients, the administration of Public Folders, configuring and managing Exchange Server. Managing Routing and Internet Connectivity, backup and recovery or Exchange Server and securing Exchange Server. Prerequisites: COPR 2246 or permission of division Dean. Offered: On demand.

COPR 2330. Implementing and maintaining SQL Server. (5 Credits)
This course provides an introduction into the basics of SQL Server operations. Topics include installing and configuring SQL Server, implementing high availability and disaster recovery, supporting data clients, maintaining databases, monitoring and troubleshooting SQL Server performance and creating and implementing database objects. Prerequisites: COPR 2246 or permission of division Dean. Corequisites: None. Offered: On demand.

COPR 2341. Microsoft Word Applications. (3 Credits)
An intermediate study of Microsoft Word. Topics will include creating a table of contents and index; tracking, accepting, and rejecting document changes; creating, editing, and running macros; and creating forms. Extensive hands-on exercises are included. Prerequisite: CISM 1100, CISM 2201, or permission of instructor. Offered: On demand.

COPR 2342. Advanced Microsoft Word Applicaitons. (3 Credits)
An advanced study of Microsoft Word with an emphasis on desktop publishing applications. Extensive hands-on exercises are included. Prerequisite: COPR 2341 or permission of instructor. Offered: On demand.

COPR 2405. Advanced Cisco: Implementing Cisco IOS Network Security. (5 Credits)
This course develops associate-level knowledge and skills required to secure Cisco networks. the student will exercise the skills required to develop a security infrastructure, recognize threats, and vulnerabilities to networks, and mitigate security threats. The CCNA Security curriculum emphasizes core security technologies, the installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices, and competency in the technologies that Cisco uses in its security structure. Prerequisites: COPR 2284 - Cisco IV, or Cisco Certified Network Associate (CCNA) designation, or permission of division Dean.

COPR 2407. Advanced Cisco: Implementing Cisco IOS Unified Communications. (5 Credits)
This course develops the required skill set for specialized job roles in voice technologies such as voice technologies administrator, voice engineer, and voice manager. The student will exercise skills in VoIP technologies such as IP PBX, IP telephony, handset, call control, and voicemail solutions. The CCNA Voice curriculum provides a strong foundation in voice applications and infrastructure concepts; and the skills to perform baseline installation, operation, and maintenance tasks on Cisco VoIP solutions, particularly the Smart Business Communications system from 8-250 lines. Prerequisites: COPR 2284 - Cisco IV, or Cisco Certified network Associate (CCNA) designation, or permission of division Dean.

COPR 2409. Advanced Cisco: Implementing cisco Unified Wireless Networking Essentials. (5 Credits)
This course develops the knowledge and skills necessary to configure, implement and support wirelss LANs, specifically those networks using Cisco equipment. With CCNA Wireless the student will learn how to support a basic wireless network on a Cisco WLAN in a SMB to enterprise network. The CCNA Wireless curriculum includes information and practice activities to enable them to configure, monitor and troubleshoot basic tasks of a Cisco WLAN in SMB and Enterprise networks. Prerequisites: COPR 2284 - Cisco IV, or Cisco Certified network Associate (CCNA) designation, or permission of division Dean.

COPR 4464. Success/Online Inst & Learning. (2 Credits)
COPR 1131 Success in Online Instruction and Learning This course is designed for those who are or may be facilitating online courses. This course demonstrates and shares a spectrum of online learning concepts, theories, and principles using interactive and collaborative experiences. It is designed to improve the facilitation skills of faculty members and business trainers who offer online courses and is focused on theory, concepts, and practices for effective online facilitation. Credit for graduation may be received only for COPR 1114 or COPR 1131. COPR 1114 and COPR 1131 are related courses; credit may not be received for both.Prequisites: None. Corequisites: None. Offered: On demand.

Computer Science (CSCI)

CSCI 1003. Introduction To Technology. (2 Credits)
An introduction to trends in technology including computers and peripheral devices, functional units, operating systems, computer language, computer applications, hardware, software, mouse, LCD panels, CD-ROMS, scanners and categories of printers. (Optional course).

CSCI 1101. Introduction To Computers. (3 Credits)
This course covers the general computer concepts. This includes computer hardware and software, peripheral devices, the internet and electronic mail. Application software packages such as word- processing, spreadsheet, web page and development will be included. Prerequisite: none .

CSCI 1150. Computer Programming in Visual Basic. (3 Credits)
This is a course which presents the fundamentals of programming with Visual Basic. Topics covered will include problem solving, program development, data types, subroutines, control structures for selection and loops, file processing, arrays, functions, strings and graphics. Prerequisite: MATH 1001, MATH 1111 or consent of Division Dean. Offered: All semesters.

CSCI 1201. Introduction to Computer Science. (3 Credits)
The course covers an introduction to the field of Computer Science. Topics to be covered include data representation, hardware, software, problem solving and algorithm design, an overview of operating systems, and web page design.

CSCI 1300. Introduction to Computer Science. (3 Credits)
This class provides a foundation in major computing topics such as (but not limited to) computer architecture and operating systems, networks including the Internet, numbering systems, data representation, file structures and software engineering. An introduction to systems analysis, design and implementation is included via hands-on programming projects. Prerequisite: MATH 1001 or higher, or consent of Division Dean. Corequisite: None. Offered: On demand.

CSCI 1301. Computer Science I. (4 Credits)
This course is an overview of computers and programming; problem-solving and algorithm development; simple data types; arithmetic and logical operators; selection structures; text files; arrays; procedural abstraction and software design; modular programming. A high level programming language (currently Java) will be used. Prerequisites: CSCI 1201.

CSCI 1302. Computer Science II. (4 Credits)
This course is an overview of abstract data types; multi- dimensional arrays and records; sets and strings; binary searching and sorting; introductory algorithm analysis; recursion; pointers and linked lists; software engineering concepts; dynamic data structures. A high level programming (currently JAVA) will be used. Prerequisite: CSCI 1301.

CSCI 1321. Introduction to Programming in R and Python. (3 Credits)
This is an introductory programming course for Non-CS majors. Fundamental concepts of programming including Object Orientation, Variables, Data Types, Conditional Statements, Loops, Functions and recursion are introduced and implemented using a variety of examples in both Python and R.

CSCI 1371. Computer for Engineers. (3 Credits)
Foundations of computing with an introduction to design ana anlysis of algorithm and an introduction to design and construction of programs for engineering problem-solving. Prerequisites: MATH 1113 Pre-Calculus or consent of Division Dean.

CSCI 2200. Internet Technologies. (3 Credits)
The course provides a comprehensive introduction to the tools and skills required for both client and server side programming, teaching students how to develop platform independent sites using current Web development technology. Essential programming exercises are presented using a manageable progression. Corequisites: None. Prerequisite: Completion or exemption of all learning support requirements. Offered: On demand.

CSCI 2211. Visual BASIC Programming. (3 Credits)
This course covers the fundamentals of Visual BASIC controls, object types, events, and methods. Topics include creating user interface, setting properties, designing class modules, introduction of Visual BASIC front-end applications for database. Prerequisite: CSCI 1301.

CSCI 2235. Information System & Web Security. (3 Credits)
This course covers the broad field of Information Security Principles and Practices. This course introduces the student to information security principles, governance, risk management, physical and operational security as well as network and software development security, disaster recovery planning, backup and emergency destruction procedures.

CSCI 2300. Computational Informatics I. (3 Credits)
This course offers an introduction to computational informatics science of how information is represented and transmitted in biological systems. Students will learn Biological Technical Scenes, Patterns and Downloading Datasets (Protein Databanks, SWISS-PROT, EMBL and GenBank), Database Management (Pharmacogenomics and Aggression), Search Engines Algorithms (Intelligent Agents and User Interface Tools Programming with PERL Database), Data Mining (Statistics and Sampling), Web Technologies (Internet Sequence Retrieval System) and Data Visualization (Animation and Visualization Tools) Prerequisite: BIOL 1111 or permission of instructor .

CSCI 2311. Advanced Visual Basic Programm. (3 Credits)
Advanced Visual Basic will incorporate the basic concepts of programming and the design techniques of an object oriented language. It covers advanced internet and user interface features and applications; error handling; graphics, database, and XML applications. A second course is needed to cover the database concepts, web applications and advanced programming techniques. The general elective credit hours will increase and the institution's overall degree requirement will not be affected.

CSCI 2400. Secure Script Programming. (3 Credits)
This course covers the design and implementation of secure Windows/Unix/Web-based applications with .NET/Java Framework, C#, C++, Java, PHP, ASP, .NET, and SQL. The course emphasizes training in secure and error-free programming techniques in order to block potential programming loopholes that can be exploited by hackers or malware.

CSCI 3000. Cryptography & Computer Security. (3 Credits)
This course is used as an introduction to the basic theory and practice of cryptographic techniques used in computer security. The course covers topics such as encryption (secret-key and public-key), message integrity, digital signatures, user authentication, key management, cryptographic hashing, network security protocols (SSL, IPsec), public-key infrastructure, digital rights management, and elements zero-knowledge protocols.

CSCI 3111. Discrete Structures. (3 Credits)
This course includes topics such as logic, sets, relations, functions, counting techniques, mathematical induction, graphs representation, combinatorial problems, elementary graph theory, network work flow, recursion and finite state machine. Prerequisite: CSCI 1301 .

CSCI 3122. Data Structures. (3 Credits)
This course is a study of the basic concepts and the representation of data using the language C++, such as static and dynamic allocations, trees, and graphs, storage systems and structures, searching and sorting techniques. Prerequisite: CSCI 1302 or permission of instructor.

CSCI 3132. Database Management. (3 Credits)
This course concentrates on defining and designing database systems. It covers such types as data modeling, management algorithms, query language, record insertion and deletion, sorting, creation of indexes, updating the database, and implementing the database. Prerequisite: CSCI 1302.

CSCI 3200. Design & Analysis of Algorithm. (3 Credits)
This course is about the systematic study of the design and analysis of algorithms. The course covers the fundamental techniques used to design efficient algorithms with the analysis of the efficiency. It covers several group of algorithms, such as graph, search, computational, genetic, sorting, heuristic and approximate algorithms. Prerequisite: CSCI 3122 .

CSCI 3211. Computer Organization and Architecture I. (3 Credits)
This course is the study of hardware and software concepts of digital computer systems, with emphasis on fundamental system software and details of hardware operation. Topics include virtual machines, system organization, digital logic and assembly language programming. Prerequisite: CSCI 1301 .

CSCI 3212. Computer Organization and Architecture II. (3 Credits)
This course is the continuation of Computer Organization I. Topics include instruction and data formats, addressing modes, instruction types, flow of control, micro-programming, and advanced computer architecture, including RISC machines and parallel architecture. Prerequisite: CSCI 3211 .

CSCI 3300. High Performance Computing. (3 Credits)
In parallel computing several processors cooperate to solve a problem, which reduces computing time because several operations can be carried out simultaneously. From the computation point of view, this provides sufficient justification to investigate the concept of parallel processing. In this course, we are intended to investigate four steps that are involved in performing a computational problem in parallel. The first step is to investigate the nature of parallel computing with respect to architectures. The second step involves designing parallel algorithms or parallelizing the existing sequential algorithms. The third step is to map the problem into a suitable parallel computer, and the last step involves writing a parallel program utilizing an applicable parallel programming approach. An important reason to utilize high performance computing can be illustrated by the applications. The applications are representative of a host of situations in which the probability of success in performing a computational task is increased through the use of parallel processing. This course will be considered as a major elective course, so the inclusion of this course in our list of course offerings will not increase the required number of credit hours for computer science majors.

CSCI 3335. Risk Analysis & Information Infra-Structure Security. (3 Credits)
This course examines the security of information in computer and communications networks within infrastructure sectors critical to national security. These includes the sectors of banking, securities and commodities markets, industrial supply chain, electrical/smart grid, energy production, transportation systems, communications, water supply, and health. Special attention is paid to the risk management of information in critical infrastructure environments through an analysis and synthesis of assets, threats, vulnerabilities, impacts, and countermeasures. Students learn the importance of interconnection reliability and methods for observing, measuring, and testing negative impacts. Critical consideration is paid to the key role of Supervisory Control and Data Acquisition (SCADA) systems in the flow of resources such as electricity, water, and fuel. Students learn how to develop an improved security posture for different segments of the nation's critical information infrastructure.

CSCI 3350. Introduction to Data Science with R and Watson. (3 Credits)
This Course is an Introduction to Data Science with R and Watson. This course deals with the study and extraction of many and varied data. Topics studied include: introduction to data Science, inferential statistics, probability distributions, statistical modeling and fitting of data, various methods of data collection, analysis and interpretation using R, Watson, other forms of statistical packages, machine learning algorithms, visualization, and predictive modeling.

CSCI 4113. Operating Systems. (3 Credits)
This course involves the operating system architecture and the manner in which computer operating systems interact with machine hardware to provide a total system. The study of operating systems by combining a careful examination of theoretical issues with real-world, hands-on problems and examples. The implementation examples are drawn from the commercial operating systems. Prerequisite : CSCI 3122 .

CSCI 4123. Computer Networks. (3 Credits)
This course is the study of Network Planning and Network Design, Understanding Networks by understanding their components and their functions, and defining different Network Operating Systems. This course provides insight into new technologies, such as ATM, ISDN, and wireless networks. The implantation examples are drawn from the commercial network operating systems. Prerequisite: CSCI 4113.

CSCI 4151. Systems Simulation. (3 Credits)
An introduction to problem solving using simulation methods and tools. Topics include construction of deterministic and stochastic models, identification of system parameters, correlation of models and systems. Prerequisite: CSCI 3122.

CSCI 4211. Systems Analysis I. (3 Credits)
This course provides the students with an introduction to technical and management issues in systems analysis and design. The course covers various issues in the Systems Development Life Circle (SDLC) model, CASE tools and their impact on SDLC, the systems analyst and the different roles of a systems analyst in an organization. It introduces students to various information gathering techniques, tools for project management, issues and models for sampling data sources, ER diagrams, data flow diagrams and data dictionaries. It includes an in-depth treatment of prototyping. It also covers issues in decision-making, process specification techniques and principles of structured design. Prerequisite: CSCI 1302 .

CSCI 4212. Systems Analysis II. (3 Credits)
This course is a continuation of the introductory course in systems analysis and design. The course provides an in-depth treatment of objected-oriented analysis and design concepts as applied to systems development. It introduces the students to various tools used in design and analysis of large software systems. It covers various issues in designing effective inputs and outputs, data-entry procedures, designing user interfaces and a comprehensive overview of the different types of dialogues and queries for interface design. Related issues in quality assurance, user training and evaluation techniques are also discussed. Prerequisites: CSCI 4211 .

CSCI 4221. Software Engineering. (3 Credits)
This course provides an introduction to software engineering methodologies, addressing each phase in the life cycle of software. Topics include system and software analysis, design, implementation and maintenance, software system development and management. CASE tools will be discussed also. Prerequisite: CSCI 3122 .

CSCI 4311. Computer Graphics. (3 Credits)
This course will provide students with the basic knowledge and experience necessary to use computers to create graphics and to process images. The hardware and software components of graphics systems are examined with a major emphasis on methods for design of 2-D and 3-D graphics. Algorithms for creating and manipulating graphics displays and techniques for implementing the algorithm are introduced. Prerequisite: CSCI 3122 .

CSCI 4319. Introduction to Machine Learning. (3 Credits)
This is an Introductory Course in Machine Learning and its applications. The main topics covered include Supervised Learning, Unsupervised Learning, Reinforced Learning, Neural Networks and Deep Learning. The course covers such methods as Regression Analysis, Support Vector Machines, Bayesian Decision Theory, Classification Algorithms, Clustering Analysis, Frequency Analysis, Nearest Neighbor Algorithms, Neural Network and Markov Models.

CSCI 4338. Network & Operating Systems Security. (3 Credits)
This course examines network and operating systems security in modern networks, which include local area networks, wide area networks, the internet, wireless networks, and mobile networks. Special emphasis is paid to the security and privacy of cloud-based data networks, which are coming under heavy attacks by hackers and malware.

CSCI 4340. Wireless & Mobile Security. (3 Credits)
This course provides an overview to the secure planning, designing, and configuring of wireless LANs, as well as both the theory and practice of embedded network security. The course will offer in-depth coverage of wireless networks, implementation, design, security, and troubleshooting. The course also provides a comprehensive overview of building and maintaining firewalls in a business environment designed for the student and network administrator to learn the basics of network firewall security.

CSCI 4344. Computer Forensics. (3 Credits)
This course trains the student to properly conduct a computer forensics examination and provides an understanding of the process of electronic discovery. The students will learn the skills and techniques necessary to conduct a thorough digital forensics examination. The training will also teach the students how to compile and present the results of their digital forensics examination in a format suitable for presentation in a court of law or other competent government or administrative authority.

CSCI 4392. Introduction to Blockchain Technology. (3 Credits)
This course is an introduction to Blockchain. The major topics covered are: Basic Linux, Introduction to GIT, JavaScript Basics, Go Lang Basics, and Introduction to Blockchain Technology, the History of Blockchain and Bitcoin, the Emergency of Cryptocurreencies, multi-facets of Blockchain technology. Ethereum Blockchain, Hyperledger Blockchain, Introduction to Hyperledger Fabric and Composer, Setting up and Installing local Hyperledger Fabric, Composer and Playground, Hyperledger in IBM mix, Working with Hyperledger in Linux One, Hyperledger Blockchain Use cases, Developing your first application in Hyperledger Fabric, using chain codes. Integration of Hyperledger Blockchain networks with existing systems.

CSCI 4393. Data Analytics in Supply Chain with SAS. (3 Credits)
This course introduces the student to Data Analytics applications in supply chain and logistics.

CSCI 4395. Data Analytics in ERP Systems with SAS. (3 Credits)
This course introduces the student to Data Analytics in Enterprise Resource Planning Systems. Converting data to information, portraying it is a manner useful for decision making, and interfacing the information with decision-assisting methods will be addressed.

CSCI 4411. Artificial Intelligence. (3 Credits)
This course covers the basic concepts of artificial intelligence including production systems, knowledge representation, pattern matching, heuristic search, and logical and probabilistic reasoning. The social, cultural, and economic impact of artificial intelligence are discussed. Prerequisite: CSCI 3111 .

CSCI 4911. Special Topics in Computer Science & Computer Information Systems. (3 Credits)
This course covers current topics in Computer Science and Computer Information Systems of special interest to faculty and students. Prerequisite: Permission of instructor.

CSCI 4915. Web Design and Development. (3 Credits)
This course will cover the fundamental concepts of web development. The study of the theory and languages related to Web Design and Development will also be discussed. Topics include client/server architecture, W3C HTML 4 specifications, CSS, DHTML, XML, VB and Java Scripts, Active Serve Page and PHP. Hypertext Preprocessor. Prerequisite(s): CSCI 3122 and CSCI 2211.

CSCI 4921. Senior Project I. (1 Credit)
Students will broaden their educational experience by reading and understanding technical literature in the areas of mathematics and computer science, organizing and writing a professional-level proposal, attending seminars and preparing a professional-level presentation. Students will draw upon and synthesize knowledge from their previous course work. Through revision of both the proposal and the oral presentation, students will improve their ability to communicate the main ideas.

CSCI 4922. Senior Project II. (2 Credits)
Students will broaden their educational experience by reading and understanding technical literature in the areas of mathematics and computer science, organizing and writing a professional-level paper, project implementation and coding, attending seminars and preparing a professional-level presentation. Project implementation should satisfy all requirements mentioned in the approved proposal accomplished during the course CSCI 4921. Students will draw upon and synthesize knowledge from their previous course work and educational experiences.

Criminal Justice (CRJU)

CRJU 1100. Introduction to Criminal Justice. (3 Credits)
This is a survey course of the essential components of the criminal justice system. These components include police, courts and corrections. The interrelationships between components are illustrated. Processes and procedures within each component are reviewed. This survey course is a prerequisite to subsequent upper division courses.

CRJU 2200. Intro to Law Enforcement. (3 Credits)
This course is required for students majoring in criminal justice. This is a study of the philosophy and history of law enforcement at the federal, state, country and city levels. It is designed to expose students to the characteristics and operational missions of federal, state and local law enforcement agencies. Special emphasis will be placed on historical influences and conflicting roles with which the profession has struggled. Students become familiar with policing goals, contemporary police organizations and methods of operations, police culture and approaches to community police and problem oriented policing.

CRJU 2210. Intro. to Criminal Law & Procedure. (3 Credits)
This course includes an historical overview of criminal procedure including criminal procedure and common law. The Constitution's impact on criminal procedure and the impact of the Supreme Court are included in the overview. Probable cause and the requirements of search warrants and central issues. Arrests, illegal seizures, the exclusionary rule and the appeals process are examined.

CRJU 2400. Report Writing & Research Skills. (3 Credits)
This course is designed as a departmental effort to improve the writing skills of criminal justice majors, including technical and agency requirements in properly formatting reports. Students will utilize library resources, compiling bibliographies and abstracting articles.

CRJU 2500. Constitutional Proc in CRJU. (3 Credits)
Practices and procedures of criminal justice personnel are regulated by Constitutional principles and safeguards. This course focuses on the nature of due process and equal protection requirements as they apply in criminal justice settings. Special attention is given to the major components of the criminal justice system. These components are police, prosecution, courts, corrections and the juvenile justice system.

CRJU 2600. Juvenile Delinquency. (3 Credits)
This is a survey course of the juvenile justice system. Attention is given to theories of juvenile delinquency, legal processes in responding to delinquency and the treatment approaches utilized in the juvenile justice system.

CRJU 2700. Community Relations. (3 Credits)
This course includes problems in citizens relations, treatment of victims, witnesses and jurors, citizen involvement in the Criminal Justice process and community resources related to Criminal Justic programming.

CRJU 2800. American Correctional Systems. (3 Credits)
This is an interdisciplinary overview of the American Correctional System. Corrections refer to the sentencing, imprisonments and treatment of offenders coming to the attention of officials in criminal justice. Topics include the history of the American Prison System; research conducted on the inmate subculture, structure and of corrections, case law on prisoner rights litigation and community based corrections.

CRJU 2900. Criminology. (3 Credits)
Criminology is the study of the amount of crime in society theories of crime causation and the origins of criminal law. Elements of corpus delicate and the different methods of measuring crime are considered. The focus of the course is on the major schools of criminology: classical school, positive school and critical school. Empirical research studies within each school will be reviewed.

CRJU 2910. Organization and Administration in Criminal Justice. (3 Credits)
This course provided an analysis of the basic principles of administration and management as they apply to criminal justice agencies. Emphasis is placed on theories of bureaucracy, exercise of power planning and models of decision making. Principles of organization are applied to police, courts and corrections.

CRJU 3000. Global Terrorism. (3 Credits)
This course will focus on worldwide terrorism as an evolving phenomenon, from both historical and contemporary viewpoints. Studnets will derive their own definitions of what constitutes "terrorism" and terrorists" from a wide-ranging study of the groups and individuals associated with politicized action by force and violence. In doing so, the class will attempt to arrive at a consensus regarding the effects of terrorism and the responses to it, both by governments and by citizens at large. Terrorist methods, weapons, and tactics will be examined as they relate to overall strategies and goals, and current trends will be examined in detail. Finally, each studnt in which past and current terror events will be reviewed and analyzed, and a forecast will be prepared (and defended of what may be expected in the future.

CRJU 3200. Survey of Juvenile Justice System. (3 Credits)
As Juvenile crime continues to soar, issues concerning the impact and adequacy of juvenile justice processing remains of extreme importance. Concerns regarding effectiveness, as we seek ways to stem the juvenile crime trends, while simultaneously balancing constitutional and other legal issues, confront our society. The public is overwhelmed with stories from the media, providing graphic evidence of a "crime wave" generated by youth who, according to media reports, prey upon a defenseless public. This image of deliquent youth has brought with it fear of crime among the public that is almost without precedent. Politicians have responded with calls for harsher treatment of youthful offenders and/or an end to "revolving door" justice. Others have decried these responses as dehumanizing. Our juvenile justice system has sought to address the 'portion' of this problem that involves the constitutional and fair processing of children and youth who violate the law. This course is designed to address these issues.

CRJU 3300. Comp Inter legal System. (3 Credits)

CRJU 3410. Criminal Justice Research. (3 Credits)
This is a survey course on the methods/procedures of conducting social science research. Empirical methods utilized in sociology, psychology, economics, and journalism are reviewed, sampling techniques and various approaches to hypothesis testing are emphasized.

CRJU 3420. Research Statistics. (3 Credits)
This is a survey of descriptive and inferential statistics used in Criminal Justice research. Applications of parametric and nonparametric methods of hypothesis testing constitute the emphasis of the course. Measures of central tendency and dispersion are related to inferences to population parameters. Pearson's Product Moment correlation, regression, analysis of variance and other tests of sample means are reviewed.

CRJU 3530. CRJU Ethics and Professionals. (3 Credits)
No field of professional employment is more strewn with ethical considerations than the area of criminal justice. As students leave to join the work force they must be prepared to act professionally and ethically in any number intense situations. Further, students will be exposed to concepts and ethical points are critical to the success of their professional careers. Students will leave this with an increased awareness and concern for ethical issues in criminal justice, and a firm understanding of the importance of professionalism in their efforts for career advancement.

CRJU 4130. Law Enforcement and Legal Process. (3 Credits)
This course includes analysis of the legal aspects of police activities including investigation, arrests, searches and seizures; study of Constitutional and statutory law and decisions of the United States Supreme Court and the Georgia Court of Criminal Appeals.

CRJU 4210. Philosophy of Law and Punishment. (3 Credits)
This course exposes students to the various philosophies that laws and systems of punishment are based on today. The history of law in society is reviewed. Due process and Crime Control philosophies are compared and contrasted. Each philosophy is applied to the various stages of criminal justice processing: arrest, trail, appeals and corrections. Various works of key philosophers in the field will be presented and discussed.

CRJU 4340. Corrections and the Legal Process. (3 Credits)
This course provides a review of major federal court cases impacting correctional processes and procedures. Emphasis is given to Supreme Court decisions relating to prisoner rights under the first, fourth, fifth, eight and fourteenth amendments of the Constitution. Also, an analysis of the "hands on doctrine" as it relates to judicial intervention will be included.

CRJU 4350. Treatment, Testing and Evaluation in Corrections. (3 Credits)
Treatment and the tests and measures used in its implementation are reviewed in this course. Details of the different approaches used in the correctional process along with a presentation of testing instruments utilized in the process are presented. Emphasis is placed on the theoretical basis for treatment programs in corrections, along with the importance of tests and measurements in program design and evaluation.

CRJU 4360. Community Based Corrections. (3 Credits)
An in-depth analysis of the origins and philosophy of community based corrections is given. Diversion is discussed in an historical context. Various forms of community based corrections include probation, parole, house arrest, electronic monitoring and offender boot camp. The role and functions of halfway houses and community transitional centers are an important aspect of community based corrections. Schools of criminology and theories of punishment are related to various forms of community based corrections.

CRJU 4510. Organized and White Collar Crime. (3 Credits)
Conceptual distinctions are drawn between organized and white collar crime. There is a review of the causes and consequences of both forms of crime in contemporary society. Theories of white collar and organized crime will be classified into the following categories: social psychological and structural (societal). Society's responses to both forms of crime include federal statues, newspaper publicity, and debarment from occupational opportunities.

CRJU 4520. Drugs and Crime. (3 Credits)
Chemical dependency is correlated to a number of societal problems including crime, poverty, and unemployment. This course estimates the prevalence of drug use, types and amounts of drugs on the market, relationship between drug use and crime and various explanations of this relationship. Stages of drug dependency are reviewed. Demand and supply side approaches to the war on drugs are compared and contrasted. Demand and supply side approaches include drug testing, drug treatment programs, and other prevention activities.

CRJU 4530. Comparative Criminology. (3 Credits)
This course provides a review of theories and practices of crime and criminal justice systems in other countries throughout the world. Comparisons of different nations and their systems for responding to crime and delinquency will be discussed.

CRJU 4610. Internship. (3-12 Credits)
This course provides junior or senior students with an opportunity to gain practical experience in a criminal justice agency setting. Prior to enrolling in Internship, students must have a cumulative grade point average of 2.2 and must have completed CRJU 1100 and CRJU 2400 with a minimum grade of C. Successful completion of CRJU 4610 requires a final report and supervisory evaluation of the student by the agency. Agencies must be approved in advance by the faculty member coordinating internship activities.

CRJU 4620. Special Topics. (3 Credits)
This course will allow students to participate in specialized classes on a variety of topics. These topics will be presented by visiting scholars, faculty completing research in specialized areas, faculty returning from sabbaticals, and exchange from other faculty from other institutions and countries. Examples of the types of courses that will be offered in CRJU 4620 are as follows: International Crime, Crime and the African American Experience, German Criminal Justice System, Computers and Crime. This course is designed to allow students access to the most current and diverse subject matter available to the department on a continuing basis. Course syllabi will vary from course to course.

CRJU 4630. Race, Gender and the Criminal Justice System. (3 Credits)
This course examines race and gender in the criminal justice system. Comparisons of system treatment of males and female majority race and non-majority races, specifically the African-American race will be examined. Specific issues include, but are not limited to the disproportionate representation African-Americans in American correctional system, the disparate treatment of females in the criminal justice system, racial profiling, jury composition and nullification, bail and sentencing options, the creation and enforcement of drug policy and immigration issues.

CRJU 4650. The Court System in the United States. (3 Credits)
This course is designed to familiarize students with the United States court system and our system of justice as implemented through the civil and criminal procedures. The course will examine and assess the interdependence of our judiciary, and the role that politics and public policy play. Federal and state court structures will be examined; including appellate, lower and juvenile courts, and students will familiarize themselves with the various judicial, legal, and political personnel who impact our courts.

CRJU 4999. Senior Seminar. (3 Credits)
Must be enrolled in one of the following Class(es): Senior. This course is designed to expose students to the most advanced information available in field of Criminal Justice. Students will also be taught how to utilize this information during their coming professional careers. New technology in the field of Criminal Justice will be taught to students. Students will learn how to use this technology and become proficient in its utilization. Further students will be taught where information relating to Criminal Justice is located and how to access this information. Finally the ability to synthesize large amounts of information into a coherent report of a subject area will be instilled in students. Graduating seniors only.

Curriculum and Instruction (EDUC)

EDUC 2110. Investigating Critical and Contemporary Issues in Education. (3 Credits)
This course engages students in observations, interactions, and analyses of critical and contemporary educational issues. Students will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. Students will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching in a democracy.

EDUC 2120. Exploring Socio-Cult Perspective. (3 Credits)
Given the rapidly changing demographics in our state and country this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity, and 4) the influences of culture on learning, development, and pedagogy.

EDUC 2130. Exploring Teaching and Learning. (3 Credits)
This course is designed to explore some of the principle theories of learning and teaching. Students will examine their own learning processes and those of others, with the goal of applying that knowledge toward enhancing the learning of all students in a variety of educational settings and contexts.

EDUC 2199. Orientation to Education. (0 Credits)
Orientation to Teacher Education provides students with the training and information needed to sucessfully navigate ASU teacher preparation program requirements. Students will receive training on the College of Education's Conceptual Framework; the requirements needed to successfully complete teacher preparation programs; learn to navigate Degreeworks to complete academic program plans of study; and learn to navigate LiveText for purposes of assessment and evaluation of Key Unit and Program specific assessments. All students will be required to purchase a LiveText account and have an active ASU account prior to participation in the course.

EDUC 2210. Technology and Media for Teachers. (3 Credits)
An introduction to the use of computers and other media in the instructional process with children in classrooms P-12. Designed to assist beginners to develop skills in using microcomputers as instructional tools. Option to take competency test or in-tech certificate.

EDUC 2600. Test Taking Proficiency. (2 Credits)
This course is designed to strengthen content knowledge and test-taking skills. Students will learn to utilize test-taking strategies that will build their vocabulary knowledge and critical thinking skills. The purpose of the course is to prepare education candidates to successfully pass the GACE Content Skill Assessment in their respective disciplines. The EDUC 2600 course must be taken if the student is unsuccessful after two attempts in passing GACE Content test.

EDUC 2614. Professional Pedagogy for GACE. (3 Credits)
This course is designed to prepare teachers to complete the two GACE Professional Pedagogy tests successfully. All topics addressed come directly from the test framework for the Professional Pedagogy Assessment. Examples of topics that will be covered include: motivation, diversity, assessment, instructional strategies, creating a conducive learning environment and characteristics of learners. The course will also address professionalism within the field and cover the legal and ethical guidlines for educators in Georgia. Prerequisite: In-service teacher. Corequisites: None. Offered: On demand.

EDUC 2618. Survey Pedagogy/Classroom Mgmt. (2 Credits)
This course is designed for current teachers who are interested in improving their classroom management and pedagogical skills. Components of the course will include such topics as motivation, effective instructional strategies, the creation of productive learning environments and classroom assessment strategies. Prerequisites: In-service teachers. Corequisites: None. Offered: On demand.

EDUC 2810. The Teaching of Reading. (3 Credits)
This course is designed to assist in understanding the process of teaching students to read. Students will be exposed to numerous approaches to the teaching of reading. Prerequisite: EDUC 2110. Offered: On demand.

EDUC 2825. Classroom Management. (1 Credit)
This course is designed to teach effective classroom management skills through the use of everyday examples of behavioral principles. Students will learn the basic concepts involved in behavioral analysis. Prerequisite: EDUC 2110. Offered: On demand.

EDUC 3306. Educational Psychology. (3 Credits)
A course in the applications of psychology to the problems of child growth and development, learning, motivation, measurements, personality adjustments and mental hygiene in school situations.

EDUC 3350. Public School Health. (3 Credits)
Deals with the school program, the teacher in school health services, healthful school environment and health instruction received from biological, psychological, ethical and health aspects.

EDUC 3363. Methods and Materials in Physical Education. (3 Credits)
A study of the principles underlying the selection and use of teaching techniques on the secondary level. A survey of the materials in relation to curricular needs and the needs of the clientele.

EDUC 3370. Classroom Management. (3 Credits)
This course is designed to develop competency in conflict resolution/ anger management for the classroom teacher. The content of this course will focus on peace educatin and will empower educators to alleviate school violence by helping children to develop problem solving skills. Activities will emphasize effective group and individual strategies for communicating behaviorial expectations and limits to students, providing a positive classroom climate, fostering appropriate student behaviors and discouraging inappropriate behaviors and discouraging inappropriate student behaviors.

EDUC 3378. Creative/Effective Teaching for Performance Based Learning. (3 Credits)
Course of study for early childhood education majors only. Course would be for all education majors and would also remain applicable to early childhood majors. Course focuses on creative activities. Students should be prepared to improve the learning of students from diverse backgrounds with an emphasis on the teaching and learning process.

EDUC 3401. Educ Preparation Practicum I. (2 Credits)
An individually arranged introductory course of classroom observation during field placement in public schools.

EDUC 3402. Educ Preparation Practicum II. (2 Credits)
An individually arranged introductory course of classroom observation during field placement in public schools.

EDUC 3403. Educ Preparation Practicum III. (2 Credits)
An individually arranged introductory course of classroom observation during field placement in public schools.

EDUC 4400. Preparation for Teaching. (2 Credits)
This seminar is taken the semester immediately preceding Student Teaching. It is designed to assist the teacher educaion major in making the transition from the classroom as a student to the classroom as a student teacher, and eventually as a teacher. The prospective student teachers examine the roles of classroom teachers and all other personnel in the school.

EDUC 4405. Methods of Teaching Science in the Secondary School. (3 Credits)
This course emphasizes methods and materials for teaching science in secondary schools. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

EDUC 4412. Student Teaching in Senior High School. (12 Credits)
Observation and teaching for one semester under the direction of an approved supervising teacher in selected high school centers. Seminar component included.

EDUC 4420. Methods of Teaching English. (3 Credits)
A course designed to orient prospective high school teachers to principles and practices of teaching English in the secondary school, with classroom practices in all phases of literature and language: a prerequisite to student teaching.

EDUC 4428. Teaching Comp in Sec Schools. (3 Credits)
This is a special methods course in which problems in the teaching of composition will be considered. Some attention will be given to listing the difficulties most frequently encountered in teaching composition as well as plans for overcoming these difficulties.

EDUC 4441. The Teaching of Reading in the Secondary School. (3 Credits)
This is a special methods course in which problems in the teaching of reading will be considered. Some attention will be given to listing the difficulties most frequently encountered in teaching reading as well as plans for overcoming these difficulties.

EDUC 4450. Measurement and Evaluation. (3 Credits)
Group test of intelligence, achievement and aptitutde and the administration, scoring and interpretation of group tests and the concept of norms are considered. Use is made of test results for effective guidance and evaluation. Teacher-made tests.

EDUC 4451. Instruction and Assessment. (3 Credits)
This course examines curriculum, instruction, and assessment in the context of standards based education. It explores theories, methods, and procedures that are applicable to the development and design of curriculum and instruction, the interrelationships among curriculum, instruction, and assessment and presents researched best practices for developing curriculum and instruction that will meet the needs of an inclusive environment. The history of curriculum development and evaluation; the importance of aligning learning theory and learner variables; removal of barriers to student achievement; and how to meet diverse student needs are discussed. Grading, use of assessment data, planning, and collaboration are also addressed. Students will learn how data driven decision making and the integration of technology can lead to improved academic achievement for all students.

EDUC 4481. Internship in Secondary School. (6 Credits)
Clasroom teaching of high school age youth in the content area of certification under supervision. Designed for in-service classroom teachers only. Prerequisite: Departmental Approval .

EDUC 4482. Internship in Secondary School. (6 Credits)
Classroom teaching of high school age youth in the content area under supervision. Designed for in-service classroom teachers only. Prerequisite: Departmental Approval .

Dance (DANC)

DANC 1000. Dance Performance. (1 Credit)
Dance Performance course is open to all students with a dance major or with an interest in dance who have been cast and/or do technical work for the dance production of the semester. Students will have to audition for roles in student, faculty and guests artists' works and then be case in works to be in this course. May be taken each semester to a maximum of four credit hours. Prerequisites: None. Corequisites: DANC 1740, DANC 1750, DANC 1760, DANC 1840, DANC 1850, DANC 1860 or permission of instructor. Offered: Fall, Spring.

DANC 1500. Dance Appreciation. (3 Credits)
This course surveys all aspects of dance as an art form, exploring related roles of the dancer, choreographer and spectator through historical inquiry, aesthetic perspectives, basic dance elements, and the creative process. Course material will be presented through a series of lectures, videos, historical and critical readings, discussions, reflective analytical writing, and actual movement experience. Prerequisite: None. Corequisite(s): None Offered: Fall and Spring.

DANC 1600. Dance Improvisation. (1 Credit)
Dance Improvisation explores movement initiated through various sources, including internal motivation. This course emphasizes individual and group interaction within structured and free improvisational situations for the purpose of developing the student's creative approach to composing and performing. Prerequisites: None. Corequsite(s): None. Offered: Fall.

DANC 1740. Modern Dance I. (1 Credit)
Modern Dance I introduces elementary modern dance technique and vocabulary. Techniques basic to this dance form plus somatic and motional properties as they relate to dance are emphasized. Special emphasis is placed on dynamic alignment, sensing and activating weight in the body, body awareness, increasing the student's ease and range of motion, balance, coordination and personal expression. Movement explorations take place on the floor, standing, and in sequenced movements through space. This course may be used as a PE activity course. Prerequisites: None.Corequsite(s): None. Offered: All semesters.

DANC 1760. Modern Dance III. (2 Credits)
This course continues the development of modern dance technique and vocabulary including somatic and motional properties as they relate to dance. Emphasis is placed on advanced-level integration of rhythms, dynamics, alignment, body awareness, balance, coordination and personal expression. Prerequisites: Modern II DANCE 1750 and/or permission from instructor Corequisite(s): None Offered: All semesters.

DANC 1840. Ballet Technique I. (1 Credit)
Ballet Technique I focuses on the development of elementary technical skills in ballet, including directions of the body, alignment, function and access of turnout, strength, flexibility, and use of the French ballet lexicon, with emphasis on safe and efficient body use. This course may be used as a PE activity course.Prerequisites: None. Corequsite(s): None. Offered: All semesters.

DANC 1850. Ballet Technique II. (1 Credit)
Ballet Technique II focuses on the development of intermediate technical skills in ballet, including safe and efficient alignment and clear articulation of movement vocabulary, with emphasis on increased vocabulary and musicality. This course focuses more strongly on the accuracy of directions of the body, improved alignment, and greater function, strength, flexibility and access of turnout. This course will place deeper emphasis on the understanding of the French ballet lexicon. This course may be used as a PE activity course. Prerequisites: DANC 1840 or permission of the instructor. Corequisites: None. Offered: All semesters.

DANC 1860. Ballet Technique III. (2 Credits)
Expands appreciation of ballet as a creative art form. focuses on ballet technique, while emphasizing increased flexibility, strength, and coordination. reviews dance phrase combinations by integrating rhythm, dynamics and movement. Prerequisites: Ballet Technique II DANC 1850 and/or permission from instructor. Corequisite(s): None. Offered: All semesters.

DANC 1900. Dance Composition. (3 Credits)
Dance Composition is designed to allow the student to investigate movement affinities and to discover new movement through solo and small group compositions. Studies examine the basic elements of dance - the body in time space and dynamics, as well as the use of music with movement. Students must develop their compositions into fully choreographed pieces. These choreographic works must be presented in a dance production. This course emphasizes personal coaching and critiques, and peer feedback, within a nurturing and experimental environment. Prerequisite: DANC 1600 or permission of the instructor. Corequisite(s): Corequisite: None. Offered: Spring.

DANC 2000. Dance Performance II. (1 Credit)
Dance Performance is open to all students pursuing a dance minor or have an interest in dance performance or dance production. Performance students must audition for choreographic works. This course may be taken two semesters to a maximum of two credit hours. Prerequisite: None. Corequisite(s): DANC 2750 and/or DANC 2850 Offered: Fall and Spring.

DANC 2100. World Dance History. (3 Credits)
This course covers the origins and development of Black dance, ritual and social components of dance in early cultures, as well as the evolution of Black dance as a theatrical art form. This course is a survey of dance in its various contexts; early dance as prayer and celebration; dance as a component of theatre and opera; the Black contribution to or the formation of codified techniques—ballet, modern, jazz and tap; dance in film; music videos and commercial dance; integration of traditional cultural dance in modern and ballet; and the evolution of hip hop cultural dance. Prerequisite: ENGL 1101. Corequisite: None. Offered: Spring.

DANC 2400. Dance Production. (2 Credits)
This course is an introduction to the basic aspects of dance production, including technical vocabulary used by the theater technicians, music, costuming, stage make up, lighting, management, programming, and publicity. Prereequisite: None Corequisite: None Offered: Spring.

DANC 2750. Modern Dance II. (1 Credit)
Modern Dance II continues the development of modern dance technique and vocabulary. Special emphasis is placed on beginning and intermediate-level dynamic alignment, sensing and activating weight in the body, body awareness, increasing the student's ease and range of motion, balance, coordination and personal expression. Movement explorations take place on the floor, standing and in sequenced movements through space. This course may be used as a PE activity course. Prerequisite: DANC 1740 or permission of instructor. Corequisite: None. Offered: All semesters.

DANC 2850. Ballet Technique II. (1 Credit)
Ballet Technique II focuses on the development of intermediate technical skills in ballet, including safe and efficient alignment and clear articulation of movement vocabulary, with emphasis on increased vocabulary and musicality, alignment, function and access of turnout, strength, flexibility. This course will also include directions of the body, and use of the French ballet lexicon. This course may be used as a PE activity course. Prerequisites: DANC 1840 or permission of the instructor. Corequisites: None. Offered: All semesters.

DANC 3000. Dance Performance III. (1 Credit)
Dance Performance is open to all students pursuing a dance minor or have an interest in dance performance or dance production. Performance students must audition for choreographic works. This course may be taken two semesters to a maximum of two credit hours. Prerequisite: None. Corequisite: DANC 3760 or DANC 3860 Offerred: All semesters.

DANC 3760. Modern Dance III. (2 Credits)
Modern Dance III continues the development of modern dance technique and vocabulary. Special emphasis is placed on intermediate level dynamic alignment, sensing and activating weight in the body, body awareness, increase the student's ease and range of motion, balance, coordination and personal expression. Movement explorations take place on the floor, standing, and in sequenced movements through space. Prerequisites: DANC 2750 or permission of instructor. Corequisites: None. Offered:: All semesters.

DANC 3860. Ballet Technique III. (2 Credits)
Ballet Technique III focuses on the development of intermediate level technical skills, with focus on petit and grande allegro, adage, accessing of turnout, strength, flexibility, and use of the French ballet lexicon, with emphasis on safe and efficient body use. There is also greater focus on and expectation of musicality when dancing. Prerequisite: DANC 2850 or permission of the instructor. Corequisite(s): None. Offered: All Semesters.

DANC 3900. Dance Composition. (3 Credits)
Dance Composition is designed to allow the student to investigate movement affinities and to discover new movement through solo and small group compositions. Studies examine the basic elements of dance - the body in time space and dynamics, as well as the use of music with movement. Students must develop their compositions into fully choreographed pieces. These choreographic works must be presented in a dance production. This course emphasizes personal coaching and critiques, and peer feedback, within a nurturing and experimental environment. Prerequisite: DANC 1600 or permission of the instructor. Corequisite: None. Offered: Spring.

DANC 4000. Dance Performance IV. (1 Credit)
Dance Performance is open to all students pursuing a dance minor or have an interest in dance performance or dance production. Performance students must audition for choreographic works. This course may be taken two semesters to a maximum of two credit hours. Prerequisite: None. Corequisite: DANC 4770, DANC 4771, DANC 4870 or DANC 4871. Offerred: Fall and Spring.

DANC 4100. World Dance History. (3 Credits)
World Dance History investigates dance as a reflection of culture, ancient to present times, through the consideration of socio-cultural influences and the contribution of individual artists. Prerequisite: ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141 or 2142. Corequisite: None. Offered: Spring.

DANC 4770. Modern Dance IV. (2 Credits)
Modern Dance IV continues the development of modern dance technique and vocabulary. Special emphasis is placed on advanced level dynamic alignment, sensing and activating weight in the body, body awareness, increase the student's ease and range of motion, balance, coordination and personal expression. Movement explorations take place on the floor, standing, and in sequenced movement through space. Prerequisite: DANC 3760 or permission of instructor. Corequisite: None. Offered: All Semesters.

DANC 4870. Ballet Technique IV. (2 Credits)
Ballet Technique IV is an advanced level course that focuses on the use and development of technical skills, with concentration on dynamics, artistry, and musicality in petit and grande allegro, adage. This course is designed for students who have a functional understanding of turnout, strength, flexibiity, and the French ballet lexicon. Advanced level ballet continues focus on the safe and efficient use of the body. Prerequisite: DANC 3860 or permission of the instructor. Corequisite: None. Offered: All semesters.

Dental Hygiene (DHYG)

DHYG 1101. Orofacial Anatomy. (4 Credits)
A study of the anatomical sciences of the orofacial region to include oral histology and embryology; head and neck anatomy, and dental anatomy. Prerequisite: Admission into Dental Hygiene Program. Corequisites: DHYG 1121, DHYG 1131. Offered: Fall. Credits: 4.00 Credit Hours (4.00 Lecture - 0.00 Lab).

DHYG 1110. Nutrition. (1 Credit)
An overview of the major nutrient classifications, functions, sources and deficiencies. Emphasis on the well-balanced diet for maintenance of health. Prerequisites: CHEM 1151K, DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisities: DHYG 1114, DHYG 1122, DHYG 1132, DHYG 2100. Offered: Spring. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

DHYG 1114. Radiology. (3 Credits)
Basic principles of roentgenographic techniques including exposing, processing, mounting and charting radiographs. Anatomical landmarks for interpretation and safety precautions for the patient and operator. Prerequisites: DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1110, DHYG 1122, DHYG 1132, DHYG 2100. Offered: Spring. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DHYG 1121. Dental Hygiene Lecture I. (3 Credits)
An introduction to fundamental concepts relating to the profession of dentistry, including terminology, history and organization. A study of asepsis, patient assessment, deposits and preventive services. Prerequisites: Admission into the Dental Hygiene program. Corequisites: DHYG 1101, DHYG 1131. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DHYG 1122. Dental Hygiene Lecture II. (2 Credits)
A continued study of patient management and education, and also dental hygiene treatment. Prerequisites: DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1110, DHYG 1114, DHYG 1132, DHYG 2100. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DHYG 1131. Dental Hygiene Clinic I. (2 Credits)
An introduction to specific tasks required for delivery of dental hygiene services; infection control, patient assessment, scaling, and polishing and fluoride application procedures. Students acquire competencies through manikin and peer experiences under continuous supervision by clinical faculty. Prerequisites: Admission into Dental Hygiene program. Corequisites: DHYG 1121, DHYG 1101. Offered: Fall Credits: 2.00 Credit Hours (0.00 Lecture - 6.00 Lab).

DHYG 1132. Dental Hygiene Clinic II. (3 Credits)
A continuation of DHYG 1131 with the addition of sharpening, plaque control instruction, and power scaling instrument. When safe techniques have been mastered, students deliver dental hygiene care to adult and child patients. An introduction to nutritional counseling. Prerequisites: DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1122, DHYG 1114, DHYG 1110, DHYG 2100. Offered: Spring. Credits: 3.00 Credit Hours (0.00 Lecture - 9.00 Lab).

DHYG 1133. Dental Hygiene Clinic III. (2 Credits)
A continuation of DHYG 1132 with the addition of radiographs and dietary counseling. Instruction will also be provided in the manipulation of dental materials and advanced periodontal instrumentation. Students will visit a limited number of dental specialty offices. Prerequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132, DHYG 2100 with grades of C or better. Corequisites: DHYG 2550. Offered: Summer. Credits: 2.00 Credit Hours (0.00 Lecture - 6.00 Lab).

DHYG 2100. Periodontics. (2 Credits)
Principles of periodontology, etiology, and classification of periodontal disease with emphasis on prevention, scope of responsibility of the dental hygienist and treatment planning. Prerequisites: BIOL 2115K, DHYG 1101, DHYG 1121, DHYG 1131 with grades of C or better. Corequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DHYG 2150. Pharmacology. (2 Credits)
Drugs, their properties, dosage, method of administration and therapeutic use with attention given to those drugs most commonly used in dentistry. Prerequisites: BIOL 2115K, DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2210, DHYG 2250, DHYG 2310. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

DHYG 2210. Dental Hygiene Lecture IV. (1 Credit)
A seminar course with emphasis on special needs patients and advanced periodontal patients. Prerequisites: DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2150, DHYG 2250, DHYG 2310. Offered: Fall. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

DHYG 2220. Dental Hygiene Lecture V. (1 Credit)
A seminar course with emphasis on jurisprudence and office management for the dental hygienist. Prerequisites: DHYG 2150, DHYG 2210, DHYG 2250, DHYG 2310 with grades of C or better. Corequisites: DHYG 2320, DHYG 2400. Offered: Spring. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

DHYG 2250. General and Oral Pathology. (3 Credits)
Basic principles, causes and underlying mechanisms of disease phenomena with special emphasis on the oral cavity. Prerequisites: DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2210, DHYG 2310, DHYG 2150. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DHYG 2310. Dental Hygiene Clinic IV. (4 Credits)
A continuation of DHYG 1133 with the addition of study models, sealants, advanced periodontal patients and oral irrigation. Prerequisites: DHYG 1133, DHYG 2550 with grades of C or better. Corequisites: DHYG 2250, DHYG 2210, DHYG 2150. Offered: Fall. Credits: 4.00 Credit Hours (0.00 Lecture - 12.00 Lab).

DHYG 2320. Dental Hygiene Clinic V. (4 Credits)
A continuation of DHYG 2310. Prerequisites: DHYG 2150, DHYG 2210, DHYG 2250, DHYG 2310 with grades of C or better. Corequisites: DHYG 2220, DHYG 2400. Offered: Spring. Credits: 4.00 Credit Hours (0.00 Lecture - 12.00 Lab).

DHYG 2400. Community Dental Health. (4 Credits)
Principles of public health dentistry, educational concepts and strategies in dental health education. Emphasis on assessment of dental needs, developing and evaluating programs, and epidemiology and research. Prerequisites: DHYG 2150, DHYG 2210, DHYG 2250, DHYG 2310 and COMM 1000 with grades of C or better. Corequisites: DHYG 2220, DHYG 2320. Offered: Spring. Credits: 4.00 Credit Hours (3.00 Lecture - 3.00 Lab).

DHYG 2550. Dental Specialties & Materials. (2 Credits)
Introduction to the specialty areas of dental practice. A study of dental materials used in a general practice office. Prerequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132, DHYG 2100 with grades of C or better. Corequisites: DHYG 1133. Offered: Summer. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

Diagnostic Medical Sonography (DMSP)

DMSP 1100. Physics of Ultrasound. (3 Credits)
This course defines the basic principles of ultrasound physics and introduces the student to their practical use in diagnostic ultrasound. Topics of discussion will include the definition of sound, propagation of sound in tissue, axial and lateral resolution, transducers, sound beams, display modes, and two-dimensional imaging. Prerequisites: Admission to the Diagnostic Medical Sonography program. Corequisite: DMSP 1101. Offered: Fall, first year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 1101. Introduction to Diagnostic Medical Sonography. (2 Credits)
This course is designed to introduce the student to the basic principles of Ultrasound. Professionalism, functions, and desirable attributes of a sonographer will be discussed along with patient care principles and techniques. The course presents the language of sonographers, educational opportunities for the occupation and introduces cross-sectional anatomy. Prerequisites: Admission into the Diagnostic Medical Sonography program. Corequisite: DMSP 1100. Offered: Fall, first year. Credits: 2.00 Credit Hours (1.00 Lecture - 3.00 Lab).

DMSP 1102. Abdomen Ultrasound I. (3 Credits)
This course is designed to introduce the ultrasound student to normal appearing abdominal anatomy, including organs, cavities, structures and vasculature. The sonographic appearance of normal anatomic structures, including anatomic variants and normal Doppler patterns will also be discussed. We will discuss emergent ultrasound procedures and interventional ultrasound procedures. The student develops the skills necessary to perform basic diagnostic ultrasound studies for presentation to the physician and/or radiologist for interpretation. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1105, DMSP 1106, DMSP 1107. Offered: Spring, first year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 1103. Obstetrical Ultrasound I. (3 Credits)
This course presents fetal development from conception through the third trimester. First to third trimester of normal fetal anatomy and sonographic appearance. Laboratory test pertaining to the fetus and mother. Ultrasound protocols for scanning the first to third trimester fetus. Fetal lie in the uterus as viewed by ultrasound as well as normal fetal environment. Prerequisite: Completion of all previous semesters of DMSP courses with a grade of "C" or better. Corequisites: DMSP 1102, DMSP 1104, DMSP 1105. Offered: Spring, first year.

DMSP 1104. Pelvic Ultrasound. (3 Credits)
This course will explore the normal sonographic measurements, appearance and cross sectional anatomy of the non-gravid female and male pelvis. The musculature and surrounding vessels will be discussed along with all normal Doppler findings. It will include all the hormonal changes that effect the reproductive cycle as well as laboratory values associated with normal and abnormal female health. A comprehensive sonographic evaluation of abnormalities pertaining to all female and male pelvic anatomy will be investigated. Prerequisite: A grade of "C" or better in all previous semester's DMSP course work. Corequisites: DMSP 1102, DMSP 1103, DMSP 1105. Offered: Spring, first year.

DMSP 1105. Clinical Observations. (2 Credits)
This course is an initial introduction to the clinical environment. It allows the student to familiarize themselves with the operational process and exam protocols of the ultrasound department at their respected clinical affiliate. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1102, DMSP 1106, DMSP 1107. Offered: Spring, first year. Credits: 2.00 Credit Hours (0.00 Lecture - 16.00 Lab).

DMSP 1106. Obstetrics and Gynecological Ultrasound I. (3 Credits)
This course is designed to provide the student with an introduction to the accurate assessment and performance of obstetric and gynecologic ultrasound. Normal anatomy of the female pelvis and normal fetal development from conception through the third trimester will be discussed. Pathologic conditions of the female pelvis will be discussed along with hormonal changes that affect the reproductive cycle and laboratory values associated with normal and abnormal findings. Sonographic appearances and standard protocols of the female pelvis and normal fetus will be examined along with first trimester complications. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1102, DMSP 1105, DMSP 1107. Offered: Spring, first year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 1107. Physics of Ultrasound II. (3 Credits)
This course is a continuation of DMSP 1100. We will continue to discuss ultrasound physics and its use in the clinical environment. Doppler principles, hemodynamics, ultrasound safety and bio-effects will be discussed along with pulsed echo instrumentation. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 1102, 1105 and 1106. Offered: Spring, first year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2111. Abdomen Ultrasound II. (3 Credits)
This course is designed to introduce the ultrasound student to the abnormal sonographic and Doppler patterns of disease processes, pathology and pathophysiology of abdominal organs. Normal and abnormal lab values will also be discussed. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2112, DMSP 2113. Offered: Summer. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 2112. Obstetrics and Gynecological Ultrasound II. (3 Credits)
This course presents fetal abnormalities from the first trimester through the third trimester as well as the role of sonographers in performing interventional/invasive procedures. Multiple gestations, amniotic fluid index, congenital/genetic anomalies, viability, fetal monitoring, maternal factors, fetal therapy and the post-partum mother will also be discussed. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2111, DMSP 2113. Offered: Summer. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2113. Clinical Obersvation and Practicum I. (3 Credits)
This is an expansion of the clinical observations course, DMSP 1105. Students will begin their hands-on experience by entering patient data, recording patient history, selecting the appropriate transducer for the exam, positioning the patient for the exam and practicing the art of scanning. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2111, DMSP 2112. Offered: Summer. Credits: 3.00 Credit Hours (0.00 Lecture - 24.00 Lab).

DMSP 2116. Clinical Observation/Prac II. (2 Credits)
This is an expansion of DMSP 2113 with increasing responsibilities of the student sonographer. This course allows student observation and participation in the clinical setting with hands-on experience with patients and equipment. Prerequisite: DMSP 2113. Corequisites: DMSP 2114, DMSP 2115. Offered: Fall, second year.

DMSP 2117. Ultrasound in Review. (3 Credits)
This is a comprehensive review course for all previous DMSP courses to prepare the student for the ultrasound registry. It will also review any trouble areas a student may be experiencing. Prerequisite: Completion of all previous semester's DMSP courses with a grade of "C" or better. Corequisites: DMSP 2118, DMSP 2120. Offered: Spring, second year.

DMSP 2118. Clin Observations/PracIII. (2 Credits)
An expansion of DMSP 2116; this course allows students to gain confidence in their skills and the knowledge gained throughout the DMS program. Prerequisites: DMSP 2116. Corequisites: DMSP 2112, DMSP 2117. Offered: Spring, second year.

DMSP 2120. Vascular Ultrasound. (3 Credits)
This course is designed to provide the student with a basic introduction to the assesment of flow regarding the vascular system using ultrasound. The student develops the skills necessary to perform basic diagnostic ultrasound studies for presentation to the physician. The student 1) will review the physics of Doppler ultrasounds; 2) becomes familiar with and is able to perform all abdominal Doppler exams, including transplant organs and intraoperative guidance; 3) becomes familiar with other exams such as peripheral vascular studies. Prerequisite: DMSP 2115. Corequisites: DMSP 2117, DMSP 2118. Offered: Spring, second year.

DMSP 2200. Superficial Structures and Pediatric Ultrasound. (3 Credits)
This course is designed to provide the student with an introduction to the assessment of superficial structures, neonatal brain, and pediatric ultrasound. The sonographic appearance of related pathology and their processes will be examined. Normal and abnormal lab values will be discussed as well as normal and abnormal Doppler signals of various organs. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2201, DMSP 2205. Offered: Fall, second year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 2201. Clinical Observation and Practicum II. (3 Credits)
This is an expansion of DMSP 2113 with increasing responsibilities of the student sonographer. This course allows student observation and participation in the clinical setting with hands-on experience with patients and equipment. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2200, DMSP 2205. Offered: Fall, second year. Credits: 3.00 Credit Hours (0.00 Lecture - 24.00 Lab).

DMSP 2202. Introduction to Vascular Ultrasound. (3 Credits)
This course is designed to provide the student with a basic introduction to the assessment of the vascular system. The student develops the skills necessary to perform basic diagnostic ultrasound studies for presentation to the physician. The student will review the physics of Doppler ultrasound, become familiar with and perform all abdominal Doppler exams, including, but not limited to, transplant organs and intraoperative guidance, and become familiar with peripheral vascular studies. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2203, DMSP 2204. Offered: Spring, second year. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

DMSP 2203. Ultrasound in Review. (3 Credits)
This is a comprehensive review course to prepare the student for taking the ultrasound examinations appropriate for the general learning concentration through the American Registry for Diagnostic Medical Sonography (ARDMS). The course will also prepare students and provide guidance for obtaining employment in the field of Diagnostic Medical Sonography. Prerequisite: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2202, DMSP 2204. Offered: Spring, second year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2204. Clinical Observations and Practicum III. (3 Credits)
This is a comprehensive review course to prepare the student for taking the ultrasound examinations appropriate for the general learning concentration through the American Registry for Diagnostic Medical Sonography (ARDMS). The course will also prepare students and provide guidance for obtaining employment in the field of Diagnostic Medical Sonography. Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2202, DMSP 2204. Offered: Spring, second year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 2205. Physics in Review. (1 Credit)
This course is a comprehensive review course designed to prepare the student for the Sonographic Principles and Instrumentation (SPI) exam offered through the American Registry of Diagnostic Medical Sonographers (ARDMS). Prerequisites: Completion of all previous semester's DMSP courses with a grade of 75 or higher. Corequisites: DMSP 2200, 2201. Offered: Fall, second year. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

Early Childhood Education (ECEC)

ECEC 3200. Curriculum in Early Childhood Education. (3 Credits)
This course examines the philosophical, psychological and sociological basis for selecting curricula for children newborn through nine. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 3319. Quantitative Skills for Young Children. (3 Credits)
Considers methods of teaching math concepts to early childhood students of all ability levels. Problem-solving strategies are examined. Observation-laboratory experiences included.

ECEC 3322. Reading through Childrens Literature/Language Arts. (3 Credits)
This course examines the study of the literature published for children, with emphasis upon traditional literature, current trends and reading guidance, and the use of books and materials in educational development. Language arts and using literature across the curriculum are also studied. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 3352. Health and Physical Education for Young Childeren. (3 Credits)
Contemporary theory and basic scientific findings on gross and fine motor activities of children of varied characteristics up to nine years of age. Planning and teaching for psychomotor development.

ECEC 3354. Science for Young Children. (3 Credits)
This course considers different methods and materials for teaching science to preschool and primary age students. Observation-laboratory experiences are included.

ECEC 3355. Developmental Reading for Young Children. (3 Credits)
Teaching techniques and materials for developmental reading. Emphasis on emergent literacy, whole language, as well as traditional approaches to reading instruction. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 4354. Science for the Young Child. (4 Credits)
This course considers different methods and materials for teaching science to preschool and primary age students. A laboratory component is included. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 4400. Social Studies/Diversity/Language Arts. (3 Credits)
A study of the social studies curriculum for toddlers, preschool and grades K – 4. An exploration of multicultural concepts of the family, neighborhood, community and society. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 4420. Preschool Education. (3 Credits)
Focuses on various preschools and their philosophies as related to young children. Laboratory and field experiences required.

ECEC 4423. Corrective Reading in Early Childhood. (3 Credits)
Provides prospective classroom teachers with an understanding of reading difficulties plus practical experiences in the diagnosis, assessment, and prescriptive of corrective treatment of reading problems. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ECEC 4460. Student Teaching in Kindergarten and Primary Grades. (12 Credits)
Student teaching in the early childhood grades. Observation an teaching for one semester under the direction of an approved supervising teacher in selected kindergarten and early elementary schools.

ECEC 4490. Internship in Early Childhood Education I. (6 Credits)
Supervised internship in an approved Early Childhood instructional setting. Designed for selected teachers with a provisional certificate in the field of intended certification.

ECEC 4491. Internship in Early Childhood Education II. (6 Credits)
Supervised internship in an approved Early Childhood instructional setting. Designed for selected teachers with a provisional certificate in the field of intended certification.

ECEC 4500. Remedial Reading: A Practicum. (3 Credits)
Examines issue associated with struggling readers with emphasis on evidence-based instructional strategies. Provides authentic field experience to assist with application of scientifically-based practices in reading education. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

Economics (ECON)

ECON 2105. Principles of Macroeconomics. (3 Credits)
Introduces students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies. Prerequisites: MATH 1001 or higher and ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Fall, Spring and Summer.

ECON 2106. Principles of Microeconomics. (3 Credits)
Introduces students to concepts that will enable them to understand and analyze the structure and performance of the market economy. Prerequisites: MATH 1001 or higher and ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Fall, Spring and Summer.

ECON 2201. Survey of Economics. (3 Credits)
This course focuses on the basic operations of the United States economy and designed for students who desire a one-term course in the principles of microeconomics and macroeconomics, and their applications to real-world economic issues. Prerequisite: MATH 1001 or higher and satisfactory English scores to place into co-requisite remediation or higher. Offered: Fall.

ECON 3145. Money, Banking and Foreign Exchange. (3 Credits)
This course covers the nature of money standards, Federal Reserve System, theory of money, credit and banking. Prerequisites: ECON 2105 and ECON 2106 Offered: Fall .

ECON 3205. Economic and Business Statistics. (3 Credits)
The application of statistical techiques to economic and business problem. Topics include descriptive statistics, introduction to probalility theory, confidence internal estimation and hypothesis testing, sampling techniques, and business forecasting. Prerequisite: ECON 2105, ECON 2106, and MATH 1113. Offered: Fall, Spring and Summer .

ECON 4105. Intermediate Macroeconomics. (3 Credits)
Factors determining aggregate employment, output, income, price-level, economic growth and fluctuations.

ECON 4106. Intermediate Microeconomics. (3 Credits)
The individual economic unit, the consumer and the firm. Factors underlying the determiniation of price and output in different market situations.

ECON 4107. Managerial Economics. (3 Credits)
An application of economic theory in managerial decisions. Includes analysis of markets, demand, cost, capital budgeting and price policy.

ECON 4125. Managerial Economics. (3 Credits)

ECON 4205. Elements of Econometrics. (3 Credits)
The mathematical formulation of economic theories, the use of statistical procedures to measure the theoretical relationships and to verify or reject such theories.

ECON 4305. Environmental Economics. (3 Credits)
Deals with depleting natural resources and human resources as factors of production.

ECON 4405. International Trade and Finance. (3 Credits)
Theory of international trade and commercial policy, international finance and current problems of international finance and current problems of international trade.

ECON 4505. Economic Policy of Multinational Corporations. (3 Credits)
Provides a base for understanding the economic policies of multinational corporations.

ECON 4605. Labor Economics. (3 Credits)
Application of economic theory to the labor market and discussion of the study of the impact of unions, government policy and discrimination on the resulting distribution of income.

ECON 4705. Economic History of the U. S.. (3 Credits)
Primary emphasis on economic forces, political, social and cultural consideration are represented relevant to the economic growth and development process. Offered: Spring.

Educational Technology (ETEC)

ETEC 1101. Electronic Technology in the Classroom. (3 Credits)
This course is an introduction to using personal computers to communicate with individuals and organizations and to access, store, and analyze information. Emphasis is on exploring the role of technology in present and future learning experiences. Topics include the digital divide, virtual communities, telecommuting, job search and readiness, e-commerce, globalization, privacy versus security, and intellectural property in cyberspace. Students will use their practical technology skills to create wor-processed documents, an electronic presentation, and a Web page.

Emergency Medical Services (EMTP)

EMTP 1000. EMT Basics. (6 Credits)
This course is the initial course for the certificaion of the emergency medical technician-basic level as defined by the U.S. Department of Transportation EMT-Basic National Standard curriculum. Along with successful completion of EMTP 1025, the student will be able to take the national Registry of EMT's certifying exam for the EMT-B level, which is the minimum level required to be employed with an ambulance service in the State of Georgia. Topics include: Introduction to Emergency Medical Care, the human body, airway evaluation and management, patient assessment, medical emergencies, pediatric and geriatric emergencies, ambulance operations, and CPR. This course also requires hospital emergency center and ambulance clinical rotations. Prerequisites: None. Corequisite: EMTP 1025. Offered: On demand.

EMTP 1021. Intro/Emergency Med Services. (6 Credits)
This course introduces the student to the emergency Medical Technician profession. This course covers information found in the U.S. Department of Transpotation Basic and Intermediate/85 curricula. Topics include: introduction to emergency care, EMS systems, well-being of the EMT, medical-legal aspects of emergency care, roles and responsibilities, medical terminology, blood and airborne pathogens, infectious diseases, ambulance and emergencyvehicle operations, the human body, patient assessment, communications and documentation, lifting and moving patients, gaining access, airway assessment and management, basic life support (CPR) and automatic external defibrillation. Corequisite: None. Prerequisite: None. Offered: Fall, Summer.

EMTP 1102. Trauma for the Paramedic. (3 Credits)
This course includes and expands upon the material from the Trauma Module of the National EMS Education Standards. The course contains units on trauma systems, mechanism of injury, soft tissue trauma, head and facial injuries, spinal trauma, thoracic and abdominal injuries, and musculoskeletal trauma. Also included are units on hypothermia, hyperthermia, drowning, diving emergencies, and high altitude illness from the environmental emergencies section of the Trauma Module. Patient assessment and management in an organized, timely fashion using the ITLS approach to trauma care is emphasized. Students must successfully complete the ITLS class at the end of the course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

EMTP 1104. Medical Emergencies for the Paramedic. (5 Credits)
This course includes material covered in the current National EMS Education Standard Medical Module as well as the material on patients with Special Challenges and Acute Interventions for Chronic Care from the Special Considerations Module. Other units covered are: anatomy and physiology of the nervous system, neurologic emergencies, endocrine emergencies, anaphylaxis, immune disorders, GI and GU emergencies, dialysis emergencies, toxicology including poisoning, substance abuse, and envenomation, alcoholism, infectious disease and hematologic emergencies. A four hour weekly supervised lab is included. Students must complete specified psychomotor skills and perform as a team leader and team member in formative and summative prehospital scenarios. Students must complete the Advanced Stroke Life Support Course during the class. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 5.00 Credit Hours (4.00 Lecture - 4.00 Lab).

EMTP 1108. IntrmAmbulance Op & Med Emerg. (4 Credits)
This course includes the material from the Medical Emergencies and EMS Operations section of the current National EMS Education Standard. It includes units on respiratory, cardiac, diabetic, allergic, poisoning and overdoses, neurological, abdominal, and environmental emergencies in the adult patient as well as the geriatric patient. In addition, EMTP 1108 includes basic information on ambulance operations. Students will practice safe vehicle operations, stretcher safety, patient movement, intermediate level patient assessment and management. Actual field application and clinical decision making will be required.Prerequisites: Limited to Fast-Track Paramedic students admitted to EMS Program. Corequisite: None. Offered: Fall.

EMTP 1109. Paramedic Practicum I. (2 Credits)
This course is the first of three practicums designed to provide the student with the opportunity to perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (0.00 Lecture - 9.00 Lab).

EMTP 1111. Essentials of EMS. (2 Credits)
This course includes material from the Preparatory and Assessment Modules of the current National EMS Education Standard. It is designed to provide the student with comprehensive knowledge patient assessment techniques. Topics covered in this course are: Therapeutic communications, history taking, and a body systems approach to the physical exam. Other topics included are: IV therapy, individual health risk assessment, and unique aspects of pediatric, geriatric, and psychiatric evaluation are discussed. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (1.00 Lecture - 3.00 Lab).

EMTP 1112. Psychiatric Emergencies. (2 Credits)
This course includes materials from the Medical Module of the current National EMS Education standard. Topics include mental health and illness, psychiatric terminology and medications, mental status examination, suicide and homicide assessment, substance abuse assessment, domestic violence, spouse and child abuse, rape, death and dying, interview techniques and effective listening and communication skills. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1113. Pharmacology. (4 Credits)
This course includes and expands upon the material from the Pharmacology and Venous Access and Medication Administration Sections of the National Emergency Medical Services Education Standards. It includes basic units on drug information, drug actions, weights and measures, and medication administration. It also includes advanced units on systemic pharmacology and therapeutics of drugs affecting the central and autonomic nervous systems, cardiovascular system, respiratory system, hematologic system, renal system, endocrine system, gastrointestinal system, and immune system. It concludes with a unit on the paramedic drug box contents, maintenance, and administration. This course includes a four hour weekly supervised lab. Students must complete specified psychomotor skills and perform as a team leader and team member in formative scenarios. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 4.00 Credit Hours (3.00 Lecture - 4.00 Lab).

EMTP 1115. OB/GYN/Neonatal Emrg/Paramedic. (2 Credits)
This course includes material from the Medical and Special Considerations Modules of the current National EMS Education Standards. It includes the following topics: anatomy and physiology of the female reproductive system, abdominal pain, vaginal bleeding, rape, physiology of pregnancy, fetology, normal and abnormal labor and delivery, and post-partum complications. The ITLS approach to trauma in pregnancy is emphasized. In addition, determination of the APGAR scoring and care of the high-risk neonate are included. A unit on resuscitation of the neonate concludes this course. Prerequisite: None. Corequisite: None. Offered: Summer.

EMTP 1117. Respiratory for the Paramedic. (2 Credits)
This course includes and expands on the material from the Airway Management, Respiration and Artificial Ventilation section and the Respiratory section of the Medicine Modules of the National Emergency Medical Services Education Standards The following units are covered: anatomy and physiology of the respiratory system, acid-base and arterial blood gases, respiratory assessment, pulse oximetry, waveform capnography, oxygen therapy, basic airway management techniques, positive pressure ventilation, advanced airway techniques, endotracheal intubation, pathophysiology, assessment, and management of patients with acute and chronic respiratory problems. A unit on anesthesia essentials and rapid sequence intubation concludes the course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1118. Pediatric Emrg Paramedic. (2 Credits)
This course includes material from the Special Considerations Modules of the current National EMS Education Standards. The following topics are included; pediatric assessment, developmental stages, family assessment and management, respiratory emergencies, child safety, trauma, dehydration, shock, infant and child BLS and ACLS, neurologic emergencies, SIDS, child abuse, and care of children with special needs. After the pediatric emergencies labs and clinical practicum, have been completed, students must successfully complete the emergency Pediatric Care Course for Advanced Providers. Prerequisite: None. Corequisite: None. Offered: Fall and Summer.

EMTP 1119. Ped. Emerg. Clinical Practicum. (1 Credit)
In this course students will perform patient assessment and management techniques on infants and children in the hospital setting. Students will assess developmental stages, communicate with patients and family members, and treat pediatric patients with respiratory infections, gastroenteritis, sickle cell crises and a variety of medical and traumatic emergencies. Lab sessions will include pediatric oxygen therapy and airway adjuncts, management of pediatric shock including IV and intraosseous therapy, child and infant BLS and ACLS, pediatric ITLS, and miscellaneous medical emergencies scenarios. After the pediatric emergencies labs and clinical practicum have been completed, students must successfully complete the Emergency Pediatric Care Course.Prerequisite: None. Corequisite: None. Offered: Spring and Fall.

EMTP 1120. Paramedic Practicum II. (2 Credits)
This course is the second of three practicums designed to provide the student with the opportunity to perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 2.00 Credit Hours (0.00 Lecture - 9.00 Lab).

EMTP 1125. Summative Evaluation for the Paramedic. (2 Credits)
This course includes material from all areas of the paramedic program. It is designed to provide a comprehensive overview and evaluation of the students Cognitive, Affective, and Psychomotor preparation for both the National Registry Examination and entry into the EMS profession. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Summer. Credits: 2.00 Credit Hours (1.00 Lecture - 4.00 Lab).

EMTP 1126. Cardiovascular Emergencies for the Paramedic I. (2 Credits)
This course includes material from the cardiovascular portion of the Medical Module of the National EMS education Standards. Topics include units in anatomy and physiology of the cardiovascular system, basic cardiac arrhythmia interpretation, pacemaker rhythms, and introduction to current field monitor/defibrillator units. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1127. Cardiovascular Emergencies for the Paramedic II. (3 Credits)
This course includes the remaining material from the cardiovascular portion of the medicine module of the National EMS Education Standards. Topics include anatomy and physiology of the cardiovascular system, cardiovascular assessment, atherosclerosis, coronary artery disease, risk factor identification and reduction, acute coronary syndrome, heart failure, sudden arrhythmic death, hypertensive emergencies, cardiogenic shock, abdominal aortic aneurysm, arterial occlusion, venous thrombosis, aortic dissection, thromboembolism, infectious disease of the heart and congenital heart defects. Units on artificial pacemakers, defibrillation, cardioversion, 12- lead EKGs, circulatory adjuncts, and ACLS algorithms are also included. At the conclusion of the course, students must successfully complete the American Heart Association's Advance Cardiac Life Support Course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

EMTP 1132. Pathophysiology for the Paramedic. (2 Credits)
This course includes the material from the Pathophysiology section of the National EMS Education Standards. It includes units on basic cellular functions, adaptation to disease and injury. Units on fluid and electrolytes, abnormal fluids states, electrolyte imbalance and acid-base imbalance are included. Additional units on the genetic and familial basis of disease, hypo perfusion, the immune response, inflammation and variances in immunity and inflammation are included. A unit on stress and its role in disease concludes the course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

EMTP 1133. Paramedic Practicum III. (2 Credits)
This course is the third of three practicums designed to provide the student with the opportunity to perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting. Students must successfully complete the pediatric ITLS course. Students will complete all clinical hours on a 911 ambulance under the supervision of a certified preceptor. Students must successfully complete 30 team lead calls, with no more than 10 calls at the BLS(basic life support) level and no less than 20 calls that require ALS (advanced life support) assessment and treatment. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Summer. Credits: 2.00 Credit Hours (0.00 Lecture - 9.00 Lab).

EMTP 1134. Special Populations. (3 Credits)
This course includes material from the Medical and Special Considerations Modules of the current National EMS Education Standard. It includes the following topics: anatomy and physiology of the female reproductive system, abdominal pain, vaginal bleeding, rape, and physiology of pregnancy, fetology, normal and abnormal labor and delivery, and post-partum complications. The ITLS approach to trauma in pregnancy is emphasized. In addition, determination of the APGAR scoring and care of the high- risk neonates is included. Pediatric assessment, developmental stages, family assessment and management, respiratory emergencies, child safety, trauma, dehydration, shock, infant and child BLS and ALS, neurologic emergencies, SIDS, child abuse, and care of children with special needs. Students must complete the Emergency Pediatric Care (EPC) course as well as the geriatric education for EMS (GEMS) course. Prerequisites: Acceptance into the EMS program. Corequisites: None. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

Engineering (ENGR)

ENGR 1103. Principles of Engineering Analysis and Design. (3 Credits)
In this course, the field of engineering is introduced by an elementary presentation of the principles of the engineering sciences such as mechanics, thermodynamics and scientific computing (utilized in the analysis and design of engineering problems). Prerequisite(s): MATH 1113.

ENGR 1200. Engineering Computing. (3 Credits)
This course is designed to provided students with the basic concepts of structured programming with an emphasis on developing algorithm, pseudo code, flowchart and programming in a modern high level language. Different software tools will be used to introduce various engineering problem solving techniques.

ENGR 1203. Engineering Graphics. (3 Credits)
This course is an introduction to graphic communication and engineering design. It includes orthographic, sectional, and auxiliary views, sketching, drawing, projection theory, tolerances and computer-aided graphics. Course Prerequisite(s): READ 0099, ENGL 0989 or satisfactory English score to place into co-requisite remediation or higher.

ENGR 2001. Intro to ENGR Materials. (3 Credits)
Primary objective of this course is to introduce students to the study of engineering materials. Building on an understanding of atomic structure and chemical bonding from the knowledge acquired in General Chemistry, students should understand the chemical and size-factors which determines the way in which atoms pack together in solid materials. They should then be able to relate this to the observed mechanical, electrical, thermal, magnetic and chemical properties of those materials. Students will be introduced to material selection and processing as part of engineering design.

ENGR 2025. Intro to Signal Processing. (4 Credits)
Introduction to signal processing for discrete-time and continuous time signals including topics on filtering, frequency response, Fourier transform, Z transform. The laboratory emphasizes computer based signal processing. Prerequisite(s): MATH 2111, PHYS 2100 or CSCI 2101.

ENGR 2201. Engineering Statics. (3 Credits)
In this course, the principles of statics (vector based)in two and three dimensions will be covered. Concept of force, moment equilibrium principles, truss, center of graviity and friction will be taught by solving realistic problems. This course is designed for Pre-Engineering majors. It will satisfy the requirement by Georgia Institute of Technology for the Regents Engineering Transfer Program and the dual degree program. Prerequisite(s): PHYS 2221K US and ENGR 1103 US.

ENGR 2413. Electric Circuit Analysis. (3 Credits)
In this course, the study and analysis of AC and DC electric circuits, circuit elements, steady state and transient analysis and applications will be covered. (This course is recommended for majors in Electrical Engineering). Course Prerequisite(s): ENGR 1103, PHYS 2212K and MATH 2213.

English (ENGL)

ENGL 1101. English Composition I. (3 Credits)
Designed to teach the mechanics of expression and the development and organization of ideas into paragraphs and essays. [Prerequisite: SAT Verbal Score of 430 or Exit from Learning Support.] Offered: All semesters.

ENGL 1101E. English Composition I. (3 Credits)
English Composition 1101-E is designed to help students become skilled thinkers, writers and communicators who can compose for a variety of disciplines and rhetorical contexts. The students will be required to enroll in the 3 hours of Enhanced Writing Lab activities to reinforce writing proficiency. Offered: All Semesters.

ENGL 1101H. Honors Humanities I. (3 Credits)
This Honors course in Freshman English focuses on literary types, critical and interpretive writing and research. Students will be exposed to concentrated and individualized work in writing with emphasis on thematic or aesthetic approaches. Prerequisite: Admission to the Honors Program. (Students may be eligible to take the Regents' Test upon successful completion of course.)

ENGL 1102. English Composition II. (3 Credits)
A continuation of ENGL 1101, focusing on rhetorical modes and guided development of the research paper.[[Prerequisite: ENGL 1101.] Offered: All Semesters.

ENGL 1102H. Honors Humanities II. (3 Credits)
This course emphasizes the study of literary types, critical and interpretive writing and research. It focuses on continued development of writing of argumentative, comparative and analytical essays. The concepts of literature's place in the humanities in relationship to other art forms will be explored. Prerequisite: Admission to Honors Program and completion of ENGL 1101H.

ENGL 2000. Intro to Fiction Writing. (3 Credits)
This course is a workshop for writers with little or no experience in writing fiction. The class focuses on the elements of fiction: beginnings and endings, setting, plot, dialogue, voice, image, character, point of view, structure, and theme. Students will read and discuss fiction by major writers, critique each other's works, and write and revise two short stories. The goal is to tap into students' most valuable assets, language and its power to tell a story that both entertains and convinces. Offered: Fall, Spring.

ENGL 2105. Creative Writing. (3 Credits)
Practical experience in imaginative writing, creating original works and developing style and voice through writing and criticism. [Prerequisites: ENGL 1101, ENGL 1102, ENGL 2111 and ENGL 2112.] Offered: Fall, Spring.

ENGL 2106. Producing and Editing Tech Doc. (3 Credits)
Students will study the theories and practices associated with the production of user documents, instructional manuals, and other media. This course also offers a broad view of editing as a profession and focuses on editors as project managers. Students will also learn about the roles of editors in various contexts, including work groups, organizations, small presses, and publishing houses. [Prerequisite: ENGL 1101 and 1102] Offered: Fall, Spring.

ENGL 2111. World Literature I. (3 Credits)
A survey of the masterpieces of Western literature from Homer to the Renaissance period. [Prerequisite: ENGL 1102.] Offered: Fall, Spring.

ENGL 2111H. Honors Humanities III. (3 Credits)
This course is a critical and analytical study of humanity's/humankind's world achievements (literature, art and music) in the Western World from the Renaissance to the present. Prerequisites: Admission to the Honors Program and completion of ENGL 1102H.

ENGL 2112. World Literature II. (3 Credits)
A continuation of ENGL 2111, with emphasis on masterpieces from the Renaissance to the Modern Period. [Prerequisite: ENGL 2111.] Offered: All Semesters.

ENGL 2112H. Honors Humanities IV. (3 Credits)
A study of contemporary literature, art and music with emphasis on both Western and non-Western cultures. Prerequisites: Admission to the Honors Program and completion of ENGL 2111H.

ENGL 2121. Survey of British Literature I. (3 Credits)
ENGL 2121 is a study of British literature from its beginning through the eighteenth century. This time span covers the Old English period, the Middle Ages, the Early Modern period, the Metaphysical and Cavalier eras, and the Restoration and Neoclassical periods. Works studied may include those of the Beowulf poet, Chaucer, Spenser, Shakespeare, Marlowe, Milton, Donne, Marvell, Dryden, Pope, and Swift. As we study these texts, issues, and ideas, you will develop an understanding of major British literary works of these periods; the ability to write with clarity, precision, and accuracy and to analyze and interpret literature; and the ability to conduct research carefully and systematically and to incorporate that research into your own interpretation of literature. Offered: Fall, Spring.

ENGL 2122. Survey of British Literature II. (3 Credits)
A study of British Literature from the late eighteenth century to the present, encompassing the Romantic, Victorian, and Modern periods. Works studied include those of Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, Yeats, Lawrence, and Joyce. Prerequisite: ENGL 1102 with a grade of "C" or better. Credits: 3 (3-0-3)

ENGL 2131. Survey/American Literature I. (3 Credits)
The study of American literature from colonial days through the American Revolution and into the mid-nineteenth century. Authors from those periods include Anne Bradstreet, Phyllis Wheatley, Poe, Emerson, Thoreau, Frederick Douglas, Walt Whitman and others. Offered: Fall, Spring.

ENGL 2132. American Literature II. (3 Credits)
This course is a survey of American literature from the mid-nineteenth century to the present. This course is not intended for English majors. Offered: Fall, Spring.

ENGL 2141. African-American Literature I. (3 Credits)
ENGL 2141 is a study of African-American literature from the beginnings of the colonization of North America in the seventeenth century to the Harlem Renaissance (1920). Major authors of this period include: Olaudah Equiano, Phillis Wheatley, Sojurner Truth, Harriet Jacobs, William Wells Brown, Fredrick Douglass, Charlotte Forten Grimke, Charles W. Chesnutt, Booker T. Washington, W.E.B. DuBois, James Weldon Johnson, Paul Laurence Dunbar, William Stanley Braithwaite and others. Prerequisite: ENGL 1102 with a grade of "C" or better. Corequisite: None. Offered: On demand.

ENGL 2142. African-American Literature II. (3 Credits)
ENGL 2142 is a study of African-American literature from the Harlem Renaissance (1920) to the present day. Major authors of this period include: Zora Neale Hurston, Claude McKay, Langston Hughes, Richard Wright, Ralph Ellison, Gwendolyn Brooks, Audre Lorde, Amiri Baraka, Sonia Sanchez, Lucille Clifton, Larry Neal, Maya Angelou, Toni Morrison, Yusef Komunyakaa, Rita Dove and others. Prerequisite: ENGL 1102 with a grade of "C" or better. Corequisite: None. Offered: On demand.

ENGL 2167. Doc Design, Usability & Testin. (3 Credits)
Students will study the elements of layout, design, and typography techniques used by technical communicators. They will practice with short and long print texts and with non-print media. [Prerequisite: ENGL 1101 and ENGL 1102] Offered: Fall, Spring .

ENGL 2204. Advanced Composition. (3 Credits)
Advanced theory and practice in writing expository prose, with Emphasis on the relationship between structure and style in essay writing. [Prerequisites: ENGL 1101, ENGL 1102 and ENGL 2111 and ENGL 2112.] Offered: Fall, Spring.

ENGL 2298. Survey of English Literature I. (3 Credits)
A general survey of the works in British literature from the Beginning through Milton and the and the English Civil War. Prerequisite: ENGL 2406. Offered: Fall Semester.

ENGL 2299. Survey of English Literature II. (3 Credits)
A general survey of the works in British Literature from the Restoration period through the early 20th century. Prerequisite: ENGL 2298. Offered: Spring Semester.

ENGL 2341. Lit./Perf. Elements Spoken Wor. (3 Credits)
This course will examine the literary aspects of spoken word poetry through the study of the oral tradition, the Black Arts Movement, and contemporary literary influences. It will also include the study of the art form's development since the late 1960's and 70's thrugh examining influences, such as blues, jazz, and hip-hop. The course will also develop and enhance the skills of student performers of spoken word poetry. Offered: Fall, Spring.

ENGL 2406. Literary Forms. (3 Credits)
An introduction to genres, methods, and critical approaches to literature, with emphasis on writing about literature. Prerequisite: ENGL 2111. Offered: Fall, Spring.

ENGL 2425. The Short Story. (3 Credits)
Development of the short story as a literary form; analysis of its techniques from the works of representative authors. Prerequisite: ENGL 2406. Offered: Spring.

ENGL 2550. Poetry. (3 Credits)
Major developments in English and American poetry, with focus on the analysis of the techniques of representative authors. [Prerequisite: ENGL 2406.] Offered: Fall.

ENGL 2702. Tech Comm for the Busn World. (3 Credits)
This course will develop writing skills used in a business setting. It will focus on proposal and grant writing, case studies, interviews and narratives, and research writing. Additionally, students will actively engage with business publications in discussions that analyze domestic and international business topics. [Prerequisite: ENGL 2106 and ENGL 2167] Offered: Fall, Spring.

ENGL 3106. Technical Writing. (3 Credits)
An examination of the elements of writing, particularly as they apply to the sciences, business and industry, and other technologically-related fields. Prerequisite: ENGL 2204. Offered: Spring, Summer.

ENGL 3170. Writ and Designing for the Web. (3 Credits)
Students will examine how users read on the web, how authors should write their web pages, and how to design rich, appropriate content for web sites. In so doing, this course offers practice in the use of HTML, graphics, and presentation software. Students will also learn Style Sheets in constructing web sites. By abalyzing how on-line communities organize, use, and distribute knowledge and information, students will evaluate and build web sites that communicate simply and effectively. [Prerequisite: ENGL 2106 and ENGL 2167] Offered: Fall, Spring.

ENGL 3204. Rhetoric and Adv Writing. (3 Credits)
An advanced level writing course that emphasizes rhetorical, linguistic and stylistic devices employed by effective writers to explain, describe, narrate, evaluate, and persuade. [Prerequisites: ENGL 1101, 1102, & 2111.] Offered: Fall, Spring.

ENGL 3301. Multicultural Language and Literature. (3 Credits)
Multicultural Language and Adolescent Literature examines the elements of various cultures especially language. Offered: Fall, Spring.

ENGL 3305. Modern Grammar. (3 Credits)
Study of the methods and techniques of modern and traditional grammar, and grammatical analysis. Prerequisite ENGL 1101 and ENGL 1102. Offered: Fall, Summer.

ENGL 3311. Survey of American Literature I. (3 Credits)
This course surveys significant and representative authors, movements and genres from the beginnings through the Colonial and Romantic periods. [Prerequisite: ENGL 2406.] Offered: Fall.

ENGL 3312. Survey of American Literature II. (3 Credits)
This course surveys American literature for the Civil War to the present. Prerequisite: ENGL 3311. Offered: Spring.

ENGL 3405. Professional & Tech Writing. (3 Credits)
An advanced writing course focusing on the elements of effective writing, particularly as they apply to business and the professions.

ENGL 3603. Development of the Novel. (3 Credits)
A survey of global trends and techniques through the study of major novels of representative writers. Prerequisite: ENGL 2406. Offered: All Semesters.

ENGL 3613. The Modern Novel. (3 Credits)
A study of major novels in English, from the turn of the twentieth-century to the present. Prerequisite: ENGL 2406.

ENGL 3707. Chaucer. (3 Credits)
A study of Chaucer's life, times and major works. [Prerequisite: ENGL 2298.] Offered: All Semesters.

ENGL 3708. The American Novel. (3 Credits)
Development of the novel as a literary art form in America. Special attention will be given to form, theme, and aesthetic quality through the study of major and pivotal novels. [Prerequisite: ENGL 2406.] Offered: All Semesters.

ENGL 3721. Tech Comm for the Envir & Heal. (3 Credits)

ENGL 3732. Contemorary Issues in Tech Com. (3 Credits)
Students will study a varriety of contemporary issues in technical communication through reaidng various texts and reviewing digital media. This course gives students an awareness of the challenges and successes in technical commuication and equips them to deal with them. [Prerequisite: ENGL 2016 and ENGL 3170. Offered: Fall, Spring.

ENGL 3790. African-American Literature I. (3 Credits)
A survey of works by representative authors of African American literature from the oral tradition through the Harlem Renaissance. [Prerequisite: ENGL 2406] Offered: Fall.

ENGL 3791. African American Literature II. (3 Credits)
A survey of major authors in African American literature from the 1930's to the present. Focus on writers of the post World War II, Black Arts and contemporary periods. Offered: Fall.

ENGL 3799. Special Topics in African American Literature. (3 Credits)
An examination of topics in African American literature, including the study of various periods. (e.g., slave narratives, the Harlem Renaissance, the Black Arts movement), genre development (e.g., the African American novel, the short story and poetry), and the study of major authors. [Prerequisites: ENGL 2406.] Offered: Fall.

ENGL 3825. Caribbean Literature. (3 Credits)
A survey of Caribbean literature in various genres, with special Emphasis on the relationship between Caribbean literature and culture. Poetry, prose and drama will be selected from the colonial and postcolonial independence periods. [Prerequisite: ENGL 2406.] Offered: Fall.

ENGL 3845. African Literature. (3 Credits)
A survey of African Literature, including the dynamics of Interaction between African culture and literature in various genres. Poetry, prose and drama will be selected from the pre-colonial, colonial and post-colonial era. [Prerequisite: ENGL 2406.] Offered: Spring.

ENGL 3890. Writing for Science and Techn. (3 Credits)
The purpose of this course is to provide students with an understanding of how to present different kinds of business related information to specialists and to non-specialist audiences. While the curse will focus primarily onwritten communication, other aspects of professional discourse will also be examined, such as legal aspects of professional communication, the use of media and graphics in professional communication practices, research techniques related to professional writing, report design, and formatting. [Prerequisite: ENGL 2106, US and ENGL 2167 and ENGL 2702 US. Offered: Fall, Spring.

ENGL 3998. Undergraduate Research. (2 Credits)
Research on a specific topic under the close supervision of an instructor. Emphasis on student's learning research process and presentation techniques. Offered: All Semesters.

ENGL 4102. Technical Comm in Intl. Cont. (3 Credits)
This course will cover the cross cultural writing that one deals with when writing for an international audience; it will also address translation. Students will earn about the intricacies of culture and writing the business world. They will look ad documentaries, read literature, and examine websites, brochures, and business proposals in the global market. [Prerequisite: ENGL 4106 and ENGL 2106] Offered: Fall, Spring.

ENGL 4110. instructional and Curr Design. (3 Credits)
This course will cover the visual rhetoric that goes into creating technical materials. It provides an introduction to the theory and techniques used by technical communicators. This course will also cover elements oflayout, design, and typography, giving students practice with short and long print texts and non-print texts and non-print media. It will also examine possibilities for curricular and instructional design in the schools and explore innovative strategies for instruction. [Prerequisite: ENGL 2167 and ENGL 3721 and ENGL 3722] Offered: Fall, Spring.

ENGL 4112. Practicum for Technical Commun. (3 Credits)

ENGL 4304. History of the English Language. (3 Credits)
Study of the development of the English language from the fifth century, emphasizing the philological changes which have occurred and their relationship to modern English. [Prerequisite: ENGL 2298.] Offered: Fall.

ENGL 4600. Shakespeare. (3 Credits)
Study of Shakespeare's greatest plays and sonnets, with attention to the background of the Elizabethan period. [Prerequisite: ENGL 2406.] Offered: Spring.

ENGL 4611. British REnaissance and Reform. (3 Credits)
British literature of the sixteenth and seventeenth centuries up to the English Civil War, with the emphasis on writers such as the lyric, metaphysical, and cavalier poets, non-Shakespearean dramatists, and representative authors including More, Sidney, Spenser, and John Milton. [Prerequisite: ENGL 2298, ENGL 2299] Offered: All Semesters.

ENGL 4631. Restoration and 18th Century. (3 Credits)
Survey of significant and representative authors, movements, and genres, including the rise of the novel. The course covers material from the Restoration in 1660 to the beginnings of Romanticism in 1785. [Prerequisites: ENGL 2298 & ENGL 2299] Offered: All Semesters.

ENGL 4651. Brit 19th Century Literature. (3 Credits)
Examines the Romantic and Victorian periods form 1785 to 1990 with attention to the continuing development of the novel and the Romantic theories of poetry, scientific and social discourse, gender and educational issues. [Prerequisites: ENGL 2298 & ENGL 2299.] Offered: Fall.

ENGL 4908. Literary Criticism. (3 Credits)
Basic principles of literary criticism and major theories of criticism, their origin and development. [Prerequisite: ENGL 2406.] Offered: Spring.

ENGL 4950. Introduction to Women¿s Literature. (3 Credits)
A study of select writing by women authors, focusing on themes, genres, and major works with attention to historical and cross-cultural contexts. [Prerequisite: ENGL 2406.] Offered: Fall, Spring.

ENGL 4955. Modern Drama. (3 Credits)
A survey of major movements and trends in drama from the late nineteenth century to the present. [Prerequisite: ENGL 2406] Offered: All Semesters.

ENGL 4980. Internship. (3 Credits)
Off-Campus, on-the-job observation and training for students pursuing professional communications work in a variety of traditional and non-traditional careers appropriate to the English discipline. Junior or senior level standing or consent of instructor. [Prerequisite: ENGL 2406.] Offered: All Semesters .

ENGL 4990. Selected Topics. (3 Credits)
Seminar on special topics in literature and languages, including themes, authors, ideas, movements, genres, and rhetoric and composition, may be conducted on an interdisciplinary basis. Prerequisite: 30 hours above 2000 level. Up to three selected topics can be taken with different subject matter. [Prerequisite: ENGL 2406] Offered: Fall, Spring .

ENGL 4995. Senior Seminar I. (1 Credit)
An advanced research methods course designed to guide students through the literary research process, emphasizing an organized approach to critical research in literature. The student will produce an annotated bibliography for a seminar topic. [Prerequisite: 30 hours of courses at or above the 2000 level.] Offered: Fall.

ENGL 4996. Senior Seminar II. (1 Credit)
Under the direction of a faculty member, each student will develop a seminar paper in MLA format to be delivered at a senior colloquium, exhibiting student research strengths and interests. [Prerequisite: 40 hours at or above the 2000 level.] Offered: Spring.

Environmental Science (ENVS)

ENVS 2202. Environmental Science. (3 Credits)
This course is an interdisciplinary course integrating principles from biology, chemistry, ecology, geology, and non-science disciplines as related to the interactions of humans and their environment. Issues of local, regional, and global concern will be used to help students explain scientific concepts and analyze practical solutions to complex environmental problems. Emphasis is placed on the study of ecosystems, human population growth, energy, pollution, and other environmental issues and important environmental regulations.

Ethics (ETHI)

ETHI 1101. Issues in Ethics. (2 Credits)
A general introduction to ethical theories and their application to current moral issues. Emphasis is placed on the student developing a decision-making scheme to apply to moral dilemmas. Credit may not be received for both ETHI 1101 and PHIL 2030. Corequisite: None. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: On demand.

Finance (FINC)

FINC 3105. Foundations of Financial Management. (3 Credits)
Techniques of financial analysis, including working capital management, capital budgeting dividend, and capital structure decisions. Prerequisite: ACCT 2102 Offered: Fall, Spring and Summer .

FINC 4105. Investment Analysis. (3 Credits)
The principles and practices of investment in stocks, bonds, and derivatives. Includes the study of investment portfolio management. Prerequisite: FINC 3105 Offered as needed.

Forensic Science (FOSC)

FOSC 2100K. Intro to FOSC. (3 Credits)
This course is designed as an introductory course for those who wish to pursue a career in forensic science. Course is an overview of investigative techniques and methods used in the crime laboratory to analyze physical evidence. Course will also provide lab exercises in the metric system of measurement, general crime scene investigative techniques, and methods of scientific analysis used in crime laboratories. No Prerequisite Offered: Fall and Spring.

FOSC 2110. Survey Of Forensic Science. (3 Credits)
This course will enlighten students with the basic principles and uses of forensic science in the criminal justice system. This course will review the basic applications of forensic science fields in crime reconstruction. The outcome of the course will include students gaining basic understanding of the importance and limitations of the forensic sciences in solving crime. Offered: Spring.

FOSC 2120K. Forensic Photography. (3 Credits)
Designed as an introductory course in forensic photography, the history of photography will be presented. Technical aspects of exposure, images characteristics, and crime scene and evidence documentation will be introduced and projects will be used to apply these techniques. A final crime scene project with a presentation using photographs generated in the project will be used to show how photographic documentation can be used as an investigative and analysis technique in the reconstruction of a crime scene. Pre requisite FOSC 2100K Offered: Fall .

FOSC 2130K. Crime Scene Invst & Recon. (3 Credits)
This course is intended to familiarize students with the basic principles of Crime Scene investigations and reconstruction through Crime Scene Unit, Crime Scene Protocol, Crime Scene Evidence Collection and Crime scene interpretations. Prerequisite FOSC 2100K Offered: Spring .

FOSC 2140K. Crime Scene Invest & Recon II. (3 Credits)
This course will present opportunities to learn more principles in crime scene investigation including crime scene processing, crime scene Evidence Classification collection methods and crime scene reports. The course will go in depth and much more beyond what is presented in Crime Scene Investigation and Reconstruction I. Prerequisite FOSC 2130 Offered: Fall .

FOSC 3020K. Forensic MIcroscopy of Trace. (4 Credits)
Light microscopy of trace evidence including, contrast, resolving power and illumination; interference, phase and fluorescence microscopy; microscopy with polarized light, birefringence and crystal structure; dispersion staining; photomicrography; fibers, minerals, and residues. Prerequisite: PHYS 2221K and PHYS 2222K Or PHYS 1111K and PHYS 1112K Offered: Fall .

FOSC 3030. Criminal Evidence and Court Procedure. (3 Credits)
Consideration of laws of criminal evidence, rules of search and seizures, chain-of-custody, admissibility, opinion and hearsay, etc., and the mechanics of trials. Prerequisite: CRJU 1100 and FOSC 2100K. Offered: Fall.

FOSC 3100K. Intern Forensic Sci DNA Typi. (3 Credits)
This course consists of lectures that review in some detail the history, scientific principles, forensic applications and practice of DNA typing and databases in different countries. This course will teach students about different DNA typing technologies and databases and their international usage and variations. DNA typing provides information on genetic variations in all forms of life and molecular level which can be used in forensics, clinical diagnostics and evolutionary biology among many fields. This course will also examine the roles and activities of international, regional and national organizations in the promotion and exchange of DNA database technologies and information. Prerequisite FOSC 2100, and BIOL 2111K Offered: Fall .

FOSC 3200K. Bio Terrorism & Biotechnolgy. (3 Credits)
This course was designed to help internalize the ASU Forensic Science program curriculum. The course is concerned with the scientific issues and nature of current and future threats posed by Bioterrorism and the connection between Biotechnology and bio-defense. The scientific theme and scope are international and involve showing how different countries, multinational companies and transnational organizations are active in the fields of Biotechnology and impacted by issues relating to Biotechnology and Bioterrorism. Prerequisite: FOSC 2100, BIOL 2111K Offered: Spring.

FOSC 4040K. Forensic Serology/DNA Tech I. (3 Credits)
Practices of search, collection, preservation, and identification of blood and body fluids as wet or dry stains; immunologic typing of blood; DA-typing and electrophoresis, and laboratory report. Distribution: Forensic Technology/Technician. Prerequisite: BIOL 2111K, CHEM 1212K, and CHEM 3250 K Offered: Fall.

FOSC 4050K. Forensic Chemistry. (4 Credits)
Theory and practice of quantitative chemical analysis, chemical spectroscopy and instrumental methods of analysis: U.V., visible and infrared (IR) spectrophotometry, Fourier transform IR, florescence and fluorometry, atomic absorption and emission, Raman NMR, mass- spec., for structures and molecular stereochemistry; chromatographic methods of separation- TLC, HPLC, and GC. Laboratory report. Prerequisite: CHEM 2302K or CHEM 2302 and CHEM 2351K or CHEM 2351. Offered: Fall .

FOSC 4060K. SEM-EDAX of Trace Evidence. (3 Credits)
Practice of scanning electronic microscopy with energy-dispersive X-rays for physical and elemental characterization of trace evidence, including gunshot residue particles, image processing and automation. Laboratory report. Prerequisite: FOSC 3020K. PHYS 1111K and PHYS 1112K Offered: Spring.

FOSC 4080K. Forensic Serology/DNA Tech II. (3 Credits)
Laboratory practice of confirmatory tests for traces of bloodstains and semen stains; electrophoresis of blood enzymes and blood grouping, advanced DNA-typing, etc., and Lab report. Prerequisite: BIOL 2111K, and CHEM 1212K Offered Spring .

FOSC 4090K. Controlled Substance/Toxicolog. (3 Credits)
Theory and practice of controlled substance identification GC-MS, HPLC, TLC, and infrared spectroscopy (IR/ FTIR), and detection of alcohol toxication by breath testing. Laboratory report. Prerequisite: CHEM 2302K, and CHEM 3250K or CHEM 2351K Offered: Spring .

FOSC 4120K. Electron Optics, EM/Quant Anal. (3 Credits)
An introduction to electron microscopy, optical designs of SEM, TEM, HVEM and STEM, and to microanalysis with wave length dispersive, energy-dispersive, and X-ray fluorescence spectrometers. SEM-EDX practice and laboratory report. Prerequisite: 0-3 credits. Prerequisite: FOSC 4060. Offered: Spring .

FOSC 4130. Expert Witness at Mock Trial. (2 Credits)
Consideration of place of expert's in dispute resolution, cases that require expert testimony, pre- trail preparations, rules of evidence, articles and exhibits, courtroom demeanor, participation at criminal mock trials and offer expert testimony.

FOSC 4140K. Fingerprint Technology. (2 Credits)
Practice of fingerprinting: identification and development of latent fingerprints, enhancements by laser, automated identification system, image processing and the expert fingerprint witness. Prerequisite: FOSC 2100 and FOSC 2000 or FOSC 2100. Offered: Fall .

FOSC 4150K. Evident Proc/Med Tech/Nur/Para. (2 Credits)
Practice in evidence protection and collection: biological and medical evidence and controls to be collected, injuries to be photographed, legal and scientific requirements of packaging and storage, writing medical report and assisting, the coroner, rules of evidence and expert witness. Laboratory report. Prerequisite: FOSC 3020 and FOSC 2130. Offered: Spring.

FOSC 4160K. Evidence Collection in Scientific Crime Investigation (w/ lab). (2 Credits)
A course for the first officer at the crime scene, investigators and specialized personnel in processing the crime scene and collection of evidence for a systematic investigation consistent with standards for law enforcement agencies and rules of evidence. Laboratory practice and report.

FOSC 4170K. Ballistics of Firearms/Tool Mk. (3 Credits)
Theory and practice of the physics of interior, exterior, and terminal ballistics as applied to identification of fire arms, bullets, and casing, primer and powder, gunshot residue formation and deposition, pellet distribution, muzzle-to-target distance and bullet wounds. Lab report. Prerequisite: FOSC 2100K, FOSC 3020K Offered: Spring.

FOSC 4201K. Evidence Analysis/Research. (3 Credits)
On-campus research and evidence examination or Internship I to generate crime laboratory proficiency and competence in defending to witness in the presence of judges in a moot court. Prerequisite: Graduating Seniors only Offered: Fall & Spring.

FOSC 4999. Senior Capstone Seminar. (3 Credits)
This course involves establishing students' understanding of ethics, quality control and assurance and their being able to explain, analyze and apply their knowledge of these topics. The course also reviews laboratory techniques and field practice in the forensic science field as well as certain of the forensic science professional literature. Preparation of application materials for Forensic careers and the review and exercise of their forensic knowledge gained during the program may also be done based on time and inclination of studetns. Prerequisite: Graduating seniors only. Offered: Fall & Spring.

French (FREN)

FREN 1001 - Elementary French I (3)

An introduction to the fundamental skills of listening, speaking, reading and writing, with emphasis on oral aspects of language learning and intensive and extensive use of structural patterns, dialog, oral drills and exercises. Language Laboratory required.

Offered: Fall, Spring and Summer

FREN 1002 - Elementary French II (3)

A continuation of the development of fundamental skills with emphasis on oral aspects of language learning and intensive and extensive use of structural patterns, dialog, oral drills and exercises. Language Laboratory required. Language Laboratory required. Prerequisite: FREN 1001.

Offered: Fall, Spring and Summer.

FREN 2001 - Intermediate French I (3)

The student is guided in achieving some proficiency in oral communication while developing a degree of skill in reading and writing. Aspects of French Life and culture are presented through use of

selected reading materials, real discussions. Prerequisite: FREN 1002 or equivalent.

Offered: Spring.

FREN 2002 - Intermediate French II (3)

A continuation of Intermediate French I in which the student is guided in achieving more proficiency in oral communication while developing skills in reading and writing. Aspects of French life and culture presented through use of selected reading materials, real discussions. Prerequisite: FREN 1002.

Offered: Fall and Spring

FREN 2204 - French Phonetics (3)

An analysis of the French sound system and fundamentals of French pronunciation, with attention to syllabication, intonation, articulation, and individual difficulties. A minimum of two hours of language laboratory per week. Prerequisite: FREN 2001.

Offered: Fall and Spring

FREN 2205 - Introduction to French Lit (3)

Introduction to French Literature is designed to introduce and examine the essential works in the literature of France from the Middle Ages to the latter part of the nineteenth century, the major literary movements in French literature, and the elements involved in literary and critical analysis. Prerequisite: FREN 2002.

Offered: Fall and Spring

FREN 3308 - Elementary French Conversation (3)

Development of the student's vocabulary and fluency in oral expression. Designed to provide systematic practice in understanding and speaking grammatically sustained speech in the French language on topics taken from the text, the student's daily activities and from cross-cultural issues. Prerequisite: FREN 2002.

Offered: Spring.

FREN 3309 - Advanced French Grammar (3)

Designed to address advanced problems in grammar and syntax, written exercises, free compositions, and translations. Prerequisite: FREN 2002.

Offered: Fall and Spring

FREN 3310 - Advanced French Comp/Conv (3)

Techniques in composition and literary analysis, using prose masterpieces in French. Prerequisite(s): FREN 3309.

Offered: Fall and Spring

FREN 3311 - Intro Afro-French Lit & Culture (3)

Study of the main contributions of Afro-French literature and culture through understanding works of drama, poetry, and prose of French-speaking Black authors. Prerequisite: FREN 1102 or reading knowledge of French. and FREN 2002.

Offered: Fall and Spring

FREN 3312 - French Civilization I (3)

Study of the main contributions of the French from the view point of sociological, educational, political and cultural contributions to western civilization. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 3313 - French Civilization II (3)

Study of the main contributions of the French from the view point of sociological, educational, political and cultural contributions to western civilization. Prerequisite: FREN 2203 or consent of instructor.

Offered: Fall and Spring

FREN 3314 - 17th Century French Drama (3)

A study of the representative plays of Corneille, Racine and Moliere. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4401 - French Literature (3)

Development of poetry, prose and drama, 17th century philosophical and religious prose and Fables of LaFontaine. Prerequisite: FREN 3312 or consent of instructor.

Offered: Fall and Spring

FREN 4404 - 18th Century French Literature (3)

Philosophical ideas and literary conventions in the works of Montesquieu, Voltaire, Diderot and Rousseau and the theater of Lesage, Marivaux and Baumarchais. Prerequisite: FREN 3312 or consent of instructor.

Offered: Fall and Spring

FREN 4405 - 19th Century French Literature (3)

Romanticism, Realism and Naturalism in the novel from Constant to Zola, the theater of Hugo and Musset and Romantic and symbolist poetry. Prerequisite: FREN 4401 and 4404 or consent of instructor.

Offered: Fall and Spring

FREN 4406 - 20th Century French Literature (3)

Study of the representative plays of Corneille, Racine and Moliere. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4407 - The French Novel (3)

A study of the origin and development of the novel in France with attention given to significant novels from its beginning to the present time. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4409 - French Seminar I (1)

A major project course in which French majors research, develop and present their senior paper. Required of all graduating seniors. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4410 - French Seminar II (1)

A capstone course designed to assist students in synthesizing their knowledge and reinforcing the skills they have acquired in the French major and culminating with a senior comprehensive. Required of all graduating seniors. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4495 - Study Abroad I (3)

Study of language and culture in a native (French speaking) environment for students involved in a Study Abroad Program. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4496 - Study Abroad II (3)

Study of language and culture in a native (French speaking) environment. For students involved in a Study Abroad Program. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

Geography (GEOG)

GEOG 1101. Intro to Human Geography. (3 Credits)
An introductory survey of human geography with special attention to patterns of economic activities, natural resources and population problems.

GEOG 2101. Principles of Geography. (3 Credits)
Surveys principles basic to the proper understanding of the world, with emphasis on universe relationships, earth as man's home, latitude and longitude, map making and interpretation, land, animals, population relationships and the conservation of natural resources.

GEOG 3101. Principles of Geography. (3 Credits)
Surveys principles basic to the proper understanding of the world, with emphasis on universe relationships, earth as man's home, lati- tude and longitude, map making and interpretation, land, animals, population relationships and the conservation of natural resources.

German (GRMN)

GRMN 1001 - Elementary German I (3)

An oral approach to the language, with fundamentals of grammar and emphasis on conversation, supplemented by oral-aural drills in the language laboratory.

Offered: Fall.

GRMN 1002 - Elementary German II (3)

A continuation of Elementary German I with an oral approach to the language, with fundamentals of grammar and emphasis on conversation, supplemented by oral-aural drills in the language laboratory. Prerequisite: GERM 1001 or its equivalent.

Offered: Spring.

GRMN 2001 - Intermediate German I (3)

This course is a continuation of the elementary sequence. Emphasis is on oral communication with grammar and vocabulary taught in context and the culture of the German-speaking world presented using interactive activities, discussion, and readings.

Offered: Fall

GRMN 2002 - Intermediate German II (3)

This course is a continuation of the intermediate german sequence. Emphasis is on oral communication with grammar and vocabulary taught in context and the culture of the German-speaking world presented using interactive activities, discussion, and readings. Prerequisite: GERM 2001 or its equivalent.

Offered: Spring

Health (HLTH)

HLTH 3320. Global Health. (3 Credits)
The course will introduce students to the main concepts of the public health field and the critical links between global health and social and economic development. Students will get an overview of the determinants of health, and how wealth status is measured. The course will include the following issues form a global perspective: maternal and child health, communicable and non-communicable diseases, nutrition, and the environment. The course will be global in coverage but with a focus on low- and middle-income countries and on the health of the poor.

HLTH 3330. African American Health Issues. (3 Credits)
This course will explore numerous health issues affecting the African American community. An overview of African American health, a historical background in racial disparities in health care, specific health problems as they relate to African American children, women, men and the elderly will specifically be addressed. Violence, homicide and incarceration and how these social and environmental issues affect the African American community will be discussed in this course.

HLTH 3660. Current Issues in Health. (3 Credits)

Health and Human Performance (HHUP)

HHUP 2000. Directed Study. (1 Credit)
This elective allows students to explore varied content under contracted supervision of a faculty. Specific content can be found in the syllabus of each offering.

HHUP 2002. Fitness Assessment & Interpret. (3 Credits)
This course provides students with practical experience including laboratory and field tests used for assessing physical fitness components as well as principles of exercise prescription. Test results are used in developing individsualized exercise precriptions to improve cardiorespiratory fitness, muscular fitness, bodyweight and body composition, and flexibility. Prerequisite or Corequisite: HHUP 3600.

HHUP 2213. Introduction to Health & Human Performance. (3 Credits)
This is an entry level course in health and human performance related fields. This course provides selected topics in the field of exercise science and other related helath science disciplines, including Exercise science history, anatomy, exercise physiology, exercise epidemiology, exercise nutrition, biomechanics, and exercise and sport psychology. This course is designed to introduce you to the field and prepare you for future classes in the exercise science discipline.

HHUP 2214. Games of Low Organization. (2 Credits)
A study of activities based on the needs, interests and all age groups, emphasizing trust building activities, games, stunts, relays and rhythmic activities for playground, schools, and recreational areas and methods used in their presentation.

HHUP 2272. Fundamentals/Coaching of Football/Soccer. (2 Credits)
Fundamentals of teaching individual and team play, knowledge of offensive plays, most frequently used defenses and coaching strategies. Includes officiating.

HHUP 2276. Fundamentals/Coaching of Basketball/Volleyball. (3 Credits)
Fundamentals of teaching individual and team play, basic offensive patterns against selected defense, basic defense alignments against selected offensive patterns, coaching strategies, principles and procedures of organization and managing meets. Includes officiating.

HHUP 2289. Care & Preven of Athl Injuries. (3 Credits)
A course designed to provide entry level knowledge in the field of sport related injuries. This course includes units dealing with the history of athletic training, basic anatomy of common injuries, evaluation techniques, preventative measures to reduce the incidences of injuries and knowledge of basic treatment procedures to be used after injuries occur. Legal and ethical issues will also be discussed.

HHUP 2319. Fundamentals/Coaching of Baseball/Softball. (2 Credits)
Stress fundamentals of teaching the basic skills in baseball: pitching, catching, batting, base running, infield and outfield plays, offensive and defensive strategy, organization and management. Includes officiating.

HHUP 2377. Fundamentals/Coaching of Track/Field. (3 Credits)
Fundamental procedure in conditioning and training for track and field events; a basic understanding of the individual basic skills for each event; coaching strategies, principles and procedures of organizing and managing meets.

HHUP 3300. Principles of Strength and Conditioning. (3 Credits)
This course is designed for students preparing for the National Strength and Conditioning Association (NSCA) Certified Strength and Conditioning Specialist (CSCS) certification or for students wishing to gain additional practical application of exercise science, strength training, and programming.

HHUP 3394. Theory & Psychology of Coaching. (3 Credits)
Basic theories, principles and psychology of coaching sports and athletics.

HHUP 3450. Basic Athletic Training. (3 Credits)
The didactic aspect of this course is problem-based and includse case-based scenarios focusing on the evaluation process, management and treatment of orthopedic and neuromuscular injuries of the lower and upper extremities. Course content includes the evaluation process of injuries, plan of care, and evidence based medicine. Thereapeutic modalities and rehabilitiation will be emphasized. Prerequisite: HHUP 2289.

HHUP 3452. Advanced Athletic Training. (4 Credits)
This course emphasizes problem-based learning and includes case-based scenarios focusing on the evaluation process, management and treatment of orthopedic and neuromuscular injuries of the axial region. Course content includes the evaluation process of injuries, plan of care, and evidence based medicine. Therapeutic exercise/treatment modalities are emphasized and observation hours required. Prerequisite: HHUP 3450.

HHUP 3460. Kinesiology. (3 Credits)
Concerned with an analysis of human motion and the mechanical principles related to movement. Concentrated attention is given to the muscles which move individual joints. Laboratory demonstrations are conducted. Prerequisite: BIOL 2411K, BIOL 2412K.

HHUP 3470. Physiology of Exercise. (3 Credits)
Study of the effects of physical activities on the human organism and applied physiology. Laboratory demonstrations are concluded. Prequisite: BIOL 1111K, BIOL 2411K, and BIOL 2412K.

HHUP 4002. Exercise for the Special Population. (3 Credits)
This course provides students with a basic understanding of the pathophysiology and exercise responses relative to disease of the cardiovascular, pulmonary, metabolic, neuromuscular, and immunologic systems. The material follows the disease-specific pathology and ACSM treatment guidelines while guiding students through exercise testing and training principles for clients with chronic diseases. Prerequisite: HHUP 3470.

HHUP 4090. Administration & Supervision of Recreation. (3 Credits)
This course is designed to provide a thorough investigation of organization, supervision, and administration policies and practices of governmental, institutional, public and private recreation agencies. Also, provides management and supervisory theories and practices in terms of establishing and maintaining the following: recreational programs, curriculum construction, community relations, physical plant personnel and student relations, and budget planning and policies.

HHUP 4482. Tests & Measurements in Health & Human Performance. (3 Credits)
Basic knowledge of measurment, data anaylsis, and evaluation for conducting the evidence-based practice in exercise/sport science and health related fields. Prerequisite: HHUP 2002, MATH 1113.

Health and Physical Education (HEDP)

HEDP 1160. First Aid, CPR & AED Essential. (2 Credits)
This course is designed to train students to become an important part of the Emergency Medical Services (EMS) system. Students will learn to provide immediate first aid care for most injuries and medical situations until advanced medical help arrives. This type of care greatly increases the survival chances for victims in an accident or with sudden illness.

HEDP 1161. Human Sexuality. (2 Credits)
This is an introductory course on Human Sexuality that reviews basic anatomy, sexual function and response, and challenges and disorders of sexual function. This course is designed to familiarize you with the biological, psychological, cultural, and behavioral aspects of human sexuality and family life. The overall theme of the course focuses on responsible sexual behaviors and attitudes. Cultural and psychological dimensions have impacted sexual attitudes and practices in our culture. Cross-cultural and historical comparisons can help us understand how sexuality is culturally and historically determined. Special topics may include types of love, relationships, attraction, sexual dysfunctions and disorders, religion, ethics, politics, personal morality, sexual abuse, pornography, sexual exploitation and harassment, abuse, society's current attitudes about sex, the law, sexually transmitted diseases, sex and the media, and ways to teach and develop personal sexual values.

HEDP 1163. Personal Health. (2 Credits)
Health problems and trends in modern health practices. Nutrition, heart disease, fitness, and consumer health protection. Prerequisite: None. Offered: Fall, Spring & Summer.

HEDP 1164. Stress Management. (2 Credits)
This course provides an introduction to various strategies that can be utilized by individuals and groups to counteract the effects of stress in their lives. The concepts of health promotion, disease prevention, self-care and healing provide the framework within which the student experiences the use of various stress management strategies. Prerequisite: None. Offered: Fall, Spring, Summer on demand.

HEDP 1165. Mental Health. (2 Credits)
Causes, types, treatment, and prevention of mental illness. Consideration given to society's reaction to the mentally ill and how to maintain mental health. Prerequisite: None. Offered: On demand.

HEDP 1166. Drugs and Drug Abuse. (2 Credits)
HSEC 2109 Introduction to Homeland Security (3-0-3) This course provides the historic overview of the terrorist threat which influenced the establishment of the Department of Homeland Security (DHS.) The statutory authority, organization, structure, processes and policies of the DHS will be examined. The course will also briefly review the role of National Intelligence and technology in supporting the capabilities of the DHS as well as its future role. An examination of the current National Strategy for Homeland Security will also be included. Prerequisite:None.Corequisite: None. Technology: 100% online. Offered: On demand.

HEDP 4480. Contemporary Health Concepts. (3 Credits)
Designed to present scientific information concerning the social, emotional and physical elements of current health topics. Major topics will include environmental concerns, mental health, sexuality, chronic disease, aging, dying and death.

HEDP 4490. Current/Contemporary Issues in Health. (3 Credits)
This course is designed to assist students in defining current and contemporary health issues. Topics such as sexuality, nutrition, weight control, infectious and non-infectious conditions, cancer, cardiovascular disease, aging, and death and dying will be highlighted in this course.

Health Information Technology (HITE)

HITE 2100. Health Record Content and Structure. (3 Credits)
The basic concepts and techniques for managing and maintaining health record systems including storage and retrieval, the use and structure of healthcare data and data sets, quantitative and qualitative analysis of healthcare data, forms design, release of information, function of indexes and registers and the accreditation, certification and licensure standards applicable to healthcare data. Prerequisite: ENGL 1101, BIOL 2411K/ 2412K and acceptance into the Health Information Technology program. Offered: Fall.

HITE 2110. Organization and Supervision in Health Information Management. (2 Credits)
Introduction to the principles of organization and supervision in order to develop effective skills in leadership, motivation, and team building techniques in the practice of health information management. Prerequisites: HITE 2100. Offered: Summer.

HITE 2137. Fundamentals of Health Information Management. (3 Credits)
This course introduces the student to the field of Health Information Management (HIM) and its role in healthcare delivery systems. Emphasis is placed on the health information management profession, hospital and medical staff organization, structure and content of medical records, quantitative and qualitative analysis, release of patient information, legal aspects of medical records, ethical issues in HIM, healthcare statistics, indexes and registers electronic medical records, payment and reimbursement systems, regulatory and accrediting agencies. Prerequisites: Acceptance into the Health Information Technology Program. Corequisites: HITE 2100, HITE 2400. Offered: Fall.

HITE 2150. Coding I. (4 Credits)
Students will be introduced to the principles of ICD-10-CM coding used in the assignment of inpatient and outpatient diagnosis codes and inpatient procedure codes. Prerequisites: ALHE 1120, BIOL 2411K/2412K, HITE 2100, HITE 2137, HITE 2400. Offered: Spring.

HITE 2160. Coding II. (2 Credits)
Students will be introduced to the Principles of CPT coding, used to assign valid procedure and service codes. Prerequisite: HITE 2150. Offered: Summer.

HITE 2170. Advanced Coding and Reimbursement. (4 Credits)
This course integrates and builds on basic knowledge and skills acquired in HITE 2150 and HITE 2160, enhancing skill level through use of clinical case studies. Impact on reimbursement, ethical coding, encoders, and groupers will be emphasized. Reimbursement topics include DRGs, APCs, RBRVs, chargemaster, and coding compliance. Students will have live access to QuadraMed encoder. Prerequisites: HITE 2150, HITE 2160. Offered: Fall.

HITE 2200. Healthcare Statistics. (2 Credits)
Study of the methods/formulas used in computing and preparing statistical reports for healthcare services and vital records. Emphasis is placed on the effective use, collection, arrangement, presentation, and verification of healthcare data, and on the concepts of descriptive statistics, data validity, and reliability. Prerequisites: MATH 1111, HITE 2100, HITE 2137, BUSA 2101. Offered: Summer.

HITE 2250. Legal & Ethical Issues in Health Information Technology. (3 Credits)
Introduction to the legal and ethical issues regarding health information management with strong emphasis on legal and regulatory requirements; disclosure of PHI (protected health information) and ethical standards of practice. Prerequisites: HITE 2100, HITE 2400. Corequisite: HITE 2137. Offered: Spring.

HITE 2400. Pathophysiology and Pharmacology. (3 Credits)
The study of the nature and cause of disease including the etiology, signs, symptoms, diagnostic evaluation, clinical treatment and pharmacology management of disease processes. Prerequisites: BIOL 2411K/ BIOL 2412K and acceptance into the Health Information Technology Program. Corequisite: HITE 2100. Offered: Fall.

HITE 2500. Health Information System Applications. (3 Credits)
Students will learn the concept of medical information management through an information system composed of people, hardware, software, communication networks, and data resources that collect, transform, and disseminate health information to healthcare users. The process of planning, designing, selecting, implementing, integrating, testing, evaluating, and supporting EHRs (electronic health records) is also introduced. Prerequisites: HITE 2100, HITE 2137 and BUSA 2101. Offered: Fall.

HITE 2550. Quality Assessment. (3 Credits)
Introduction to the components of quality assessment and improvement programs in health care facilities including quality assessment, utilization management, risk management, and peer review organizations. Students will learn to analyze clinical data to identify trends that demonstrate quality, safety, and effectiveness of health care. Prerequisites: HITE 2200 and BUSA 2101. Offered: Spring.

HITE 2600. Professional Practice I. (2 Credits)
Professional practice experience in an acute care setting that provides the student the opportunity to apply and develop the skills learned throughout the course curriculum that are vital in the management of health information. Corequisites: HITE 2610, HITE 2650. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250, HITE 2500. Offered: Summer.

HITE 2610. Professional Practice II. (2 Credits)
This course is a continuation of HITE 2600, providing additional professional practice experience as the student applies skills learned throughout the course curriculum. Students will have the opportunity to experience the workflow of the acute care setting from beginning to end. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250. Corequisites: HITE 2600, HITE 2650. Offered: Fall.

HITE 2650. Seminar on Health Information Technology. (1 Credit)
Exploration of current issues and trends in the health information profession and industry with emphasis on review for RHIT exam. Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250, HITE 2400, HITE 2500, HITE 2550, HITE 2600. Corequisites: HITE 2600, HITE 2160. Offered: Fall.

Health Professions (COHP)

COHP 2110. Nutrition. (3 Credits)
This course includes normal nutrition and wellness across the lifespan. Selected classroom activities related to nutrition, health, and wellness are explored. Prerequisites: None. Corequisites: None. Offered: As needed.

COHP 2120. Growth and Development for Health Professions. (3 Credits)
The purpose of this course is to introduce the highly complex individual and family during the lifespan - from birth to death. The focus is on the physical, emotional, cognitive, social, and spiritual dimensions of the developing person. These dimensions will be explored in the context of the family and community setting. Integration of health promotion, risk reduction, and anticipatory guidance during the lifespan will be emphasized. Prerequisites: None. Corequisites: None. Offered: As needed.

Healthcare Administration (HADM)

HADM 3301. Health Care Organization. (3 Credits)
This project based course is intended for those interested in a systematic understanding of organizational principles, practices, and insights pertinent to the management of health service organizations. While based on state-of-the art organizational theory and research, the emphasis is on application. Students will go beyond the traditional focus of health care in hospitals and other provider organizations to include suppliers, buyers, regulators, public health and financing organizations, and examine a more comparative global perspective of how the United States and other countries address issues of health and health care. Case studies, practical scenarios, and controversial issues are highlighted in each chapter to challenge the student to provide solutions and philosophical positions on a variety of issues.

HADM 3302. Health Care Economics. (3 Credits)
This course is intended for those interested in an analytical approach to the study of medical services, and, through the use of numerous applications and figures, to illustrate the usefulness of economics as is applicable to the understanding of public policy issues affecting this sector.

HADM 3303. US Health Care Systems. (3 Credits)
Fundamental concerns such as cost, access, quality, financing, health workforce, and public health represent key topics. We will apply these topics or problems to real-life situations. The approach will be purposeful to allow the successful student to recognize how these topics interact with each other within the whole health care system.

HADM 3304. Health Care Communication. (3 Credits)
There is a growing awareness that communication not only affects, but is inextricably linked with issues of health and medicine. This is true on a personal level in the way patients and caregivers interact in the examination and hospital room. It is also true on an organizational level in that policies and community relations affect the way health care is provided and the way people feel about providers. It is also evident in media campaigns that seek to educate people about health.

HADM 4301. Designing Health Comm Msgs. (3 Credits)
Health communication messages inform, convince, and motivate their audience for a change in behavior. This course illustrates the importance of effective communication in disease prevention and health promotion. It highlights the importance of building theory-based messages while being responsive to diverse audience needs. It also illustrates core health communication principles and processes for designing effective messages for health communication interventions and campaigns. Perspectives from multiple areas including psychology, public health, and social marketing are integrated.

HADM 4401. Healthcare Compliance. (3 Credits)
This course provides a comprehensive overview of health law, which is relevant to students seeking the basic management skills required to work in health care organizations, and students currently working in health care. The course will focus on an overview of specific health laws and affordable health care to producers of medical products and the future of health care in the US. The course concludes with a summary of improved medical technologies and the future of personalized health care.

HADM 4402. Health Information Management. (3 Credits)
A study of recordkeeping practices in the hospital and physician's office. Emphasis is placed on hospital and medical staff organization, patient record content, procedures in filling, numbering and retention of patient records, quantitative analysis, release of patient information, forms control and design, indexes and register, reimbursement, regulatory and accrediting agencies, and alternative health care delivery systems.

History (HIST)

Course Descriptions (Per Subject)

HIST 1002. Introduction to the African Diaspora. (2 Credits)

A study of the peoples and cultures of African descent throughout the African Diaspora, especially in Africa, the Caribbean, South America and the United States. Emphasis on the political, social and cultural institutions that have contributed to the development of African Diaspora peoples and cultures.

HIST 1111. Survey of World History I. (3 Credits)

A survey of World History to early modern times.

HIST 1111H. Honors World History I. (3 Credits)

A survey of the development and diffusion of civilization from the origin of humanity/humankind in Africa and ancient times to the end of the sixteenth century. This course is offered with a view of creating an understanding and appreciation for the economic, social, cultural and political foundation of western civilization in the ancient, medieval and early modern periods.

HIST 1112. Survey of World History II. (3 Credits)

A survey of the development and diffusion of civilization from the origin of humanity/humankind in Africa and ancient times to the end of the sixteenth century. This course is offered with a view of creating an understanding and appreciation for the economic, social, cultural and political foundation of western civilization in the ancient, medieval and early modern periods. Offered: fall.

HIST 1112H. Honors World History II. (3 Credits)

This course continues HONR 1151 and examines events from the early modern period to the present time. Prerequisite: HONOR 1151

HIST 2111. Survey of American History I. (3 Credits)

A survey of American History to the post-Civil War period.

HIST 2112. Survey of American History II. (3 Credits)

A survey of American History from the post-Civil War period to the present.

HIST 2113. Minorities in America. (3 Credits)

A survey of selected minority groups and their contributions in the development of the United States.

HIST 2115. African American History. (3 Credits)

A survey of African-American history beginning with the African background and moving through the 20th century to the present.

HIST 2116. American Military History. (3 Credits)

A survey of American Military History from the Revolutionary War to the present.

HIST 2117. Intro to Public History. (3 Credits)

A lecture and practical experience course for the history major or other student who wishes to learn about the field of public history. The course will be conducted in the classroom, with a component of Web-based study, and in area museums and related public history sites. Major topics of study will include archives and archival pro- cedures, museums and museum operations, historic preservation, Na- tional Register criteria, historic interpretation, oral history, and local and family history. This course will give students the opportunity to explore a field of history beyond the traditional realms teaching and publishing. As the area of public history is currently expanding, it may provide career opportunities for students who have an interest in history but who do not wish to follow the traditional paths of teaching in secondary schools or institutions of higher learning.

HIST 3205. History of Islamic Cultures. (3 Credits)

Must be enrolled in one of the following Class(s): junior, senior. An evaluation of the emergence of Islam as a religious force in the seventh century. A review of the social, economic and political histo- ries of the lands stretching from India to Spain which converted to Islam between the eighth and twentieth centuries. *Can apply to European or Non-Western History sections.

HIST 3206. Slavery in Ancient and Modern Worlds. (3 Credits)

A study of slavery-the practices, the process, and the slave trade- from the time of Neolithic man through the current epidemics of slavery in Africa and Asia. A narrative approach will trace the practice through cultures – Mesopotamian, Egyptian, Chinese, Indian, Persian, Roman, Viking, Native American, Arabic, African, etc. – and make reference to the part slavery played in the economic development of the world's cultures and societies. Particular attention will be on the survival of slavery in the post-emancipation era of the 1800s and its dramatic resurgence in the 20th and 21st centuries. This course will give students the opportunity to place the American slave and emancipation experience in the broader context of slavery throughout the world, and alert them to the continued existence and growth of the practice in regions of the modern world.

HIST 3301. Historical Methods I. (3 Credits)

Must be enrolled in one of the following classes: Junior, Senior Introduction to the nature, methods and tools of historical research and documentation. Required of all history majors.

HIST 3302. Historical Methods II. (3 Credits)

Problems of oral history, documenting, photograph assessment and primary evidence research Required of all history majors.

HIST 3403. History of Georgia. (3 Credits)

A survey of the political, social and economic history of Georgia from colonial times to the present.

HIST 3404. Diplomatic History of the United States. (3 Credits)

A survey of the development of American foreign policy and diplomatic crises involving the United States and foreign nations from the birth of the Republic down to the 20th Century.

HIST 3405. Civil War and Reconstruction. (3 Credits)

An analysis of the origins of the Civil War, the War itself and the Reconstruction Period.

HIST 3406. Directed Reading in European History. (3 Credits)

A readings course for the history major or for any other student who wishes to improve his/her historical knowledge in any era of European history. The course can be conducted as a seminar class or biweekly appointments between the professor and the student. The course will be supervised by the ASU professor who normally teaches courses in European history. This course is designed to im- prove the student's thinking and writing skills by having him/her ac- tually "read" history. For history and pre-law majors, it will be an essential background for the self-direction and first-rate reading comprehension needed in both graduate school and law school.

HIST 3408. Directed Reading in Non-Western History. (3 Credits)

A readings course for the history major or for any other students who wishes to improve his/her historical knowledge in any era of non-Western

(most especially African, Latin American, and East Asian) history. The course can be conducted as a seminar class or by weekly appointments between the professor and the student. The course will be supervised by the ASU professor who normally teaches courses in non-Western history. This course is designed to improve the student's thinking and writing skills by having him/her actually "read" history. For history and pre-law majors, it will be an essential background for the self-direction and first rate reading comprehension needed in both graduate school and law school.

HIST 3510. Classical History. (3 Credits)

A social, and political history of Greece and Rome. This course will focus on the birth of western civilization, democracy, philosophy, history, and drama in Greece and will also deal with the emergence of international law, political institutions, and science within the roman republic and empire. This course will also focus on the birth of Christianity in the Roman empire and the transmutation of western civilization in the states of barbarian Europe of the fifth century. This course will complete a set of three courses (the other two being HIST 3518 and HIST 3519), which treat the development of western Europe from ancient time through the fall of Rome. All of these courses will apply to the Europe concentration. This course will perfect the student's skill as an investigator and historian by forcing he/she to choose a certain topic in Greek or Roman history and thoroughly research them both. papers and examinations.

HIST 3511. Modern Europe I. (3 Credits)

A study of the most important political, social, economic, intellec- tual and cultural phases of European life from 1789-1870.

HIST 3512. Modern Europe II. (3 Credits)

A study of European History from 1870 to the contemporary period.

HIST 3514. English History I. (3 Credits)

Traces the development of England from ancient times through the Stuart dynasty.

HIST 3515. English History II. (3 Credits)

A study of England from the Stuart dynasty to the present.

HIST 3516. The Intellectual Tradition of Modern Europe. (3 Credits)

A survey of the intellectual tradition of Modern Europe from the Scientific Revolution of the seventeenth and eighteenth century to the emergence of post-modernism in the twenty-first century.

HIST 3518. The European Middle Ages. (3 Credits)

A survey of Europe from the fall of the western Roman empire to the fall of the Byzantine empire in the fifteenth century. This course focuses on the religious, political, cultural and economic development of Western Europe.

HIST 3519. The Age of European Renaissance, Reformation and Reconnaissance. (3 Credits)

The history of Europe from 1453 to 1648 with emphasis on the religious, political, cultural, and intellectual developments which underpinned the changes in early modern European life.

HIST 3630. Spanish History. (3 Credits)

A social, economic, and political history of the peoples of the Iberian Peninsula which will focus on the emergence of celtiberian civilization, Roman, Visgothic, Muslim, and Christian Spain. This course will thoroughly discuss the era of the Siglo de Oro (sixteenth century), that of the "decline of Spain" (seventeenth and eighteenth centuries), the birth of modern Spain (nineteenth century), and the destruction and rebirth of the modern Spanish state (twentieth century). This course will complete a set of two courses (the other one being HIST 3631) which treat the development of the Spanish state and it American empire and will serve as the history components of the Latin American certificate.

HIST 3631. History of Latin America. (3 Credits)

A study of the exploration and colonization of Latin America, the record of the struggle for independence, and the establishment and growth of the independent states in this section of the Western Hemisphere.

HIST 3632. History of Russia. (3 Credits)

A survey of Russia from the Kievan and Muscovite periods through the Soviet era, the 19th Century revolutionary movement, the Revolutions of 1905 and 1917, and the establishment and the development of Soviet Russia under Lenin and Stalin. *Can apply to European or Non-Western History sections.

HIST 3633. The Revolution in Modern History. (3 Credits)

Examines the origins, spread, and consequences of the revolutionary experience in select countries during modern times. *Can apply to American, European or Non-Western History sections.

HIST 4301. Senior Seminar I. (3 Credits)

Culminating experience in the History Program. Students engage in individual research or an original endeavor on a problem or a project of special interest. Qualified history majors shall enroll for two consecutive semesters during which time they shall develop and defend a research paper. Required of all history majors.

HIST 4302. Senior Seminar II. (3 Credits)

Culminating experience in the History Program. Students engage in individual research or an original endeavor on a problem or a proj- ect of special interest. Qualified history majors shall enroll for two consecutive semesters during which time they shall develop and defend a research paper. Required of all history majors.

HIST 4402. Directed Readings in American History. (3 Credits)

A readings course for the history major or for any other student who wishes to improve his/her historical knowledge in any era of American history. The course can be conducted as a seminar class or bi- weekly appointments between the professor and the student. The course will be supervised by the ASU professor who normally teaches courses in American history. This course is designed to im- prove the student's thinking and writing skills by having him/her ac- tually "read" history. For history and pre-law majors, it will be an essential background for the self-direction and first-rate reading comprehension needed in both graduate school and law school.

HIST 4403. The Afro-Americans in America Thought. (3 Credits)

A survey of the Afro-American's impact upon the intellectual history of the United States.

HIST 4404. The History of the South. (3 Credits)

Institutional approach to the political, economic and social development of the region, and a critical analysis of conditions, problems and trends of the South, with some attention on History of Georgia.

HIST 4405. Contemporary America, 1945-Present. (3 Credits)

A study of major forces-political, social and economic that have molded contemporary America.

HIST 4406. The Civil Rights Era. (3 Credits)

A senior level course in the development and progress of the civil rights struggle in the era after World War II.

HIST 4611. Studies in African History. (3 Credits)

An interdisciplinary survey of African civilization, with emphasis on modern Africa.

HIST 4612. Studies in African Diaspora. (3 Credits)

A survey of the origin of African cultural, economic, and political institutions. Examines the origin and operation of the Atlantic Slave Trade, as well as compares and analyzes chattel slavery in various New World societies.

HIST 4613. East Asian History. (3 Credits)

Study primarily of China and Japan from ancient times to the present.

HIST 4614. Race/Politics in U.S.. & The Caribbean. (3 Credits)

This course is a comparative study of the economic, social, political, cultural, and artistic experiences of people of African descent, in the United States and the Caribbean as they fought to acquire civil rights and political independence from the oppressive political systems in which they lived from the 1900 to the 1970s. Emphasis will be placed on the politics of emancipation, and the establishment of civil rights organizations in the U.S., slavery and emancipation in the Caribbean, and the birth of Caribbean independence movements. Attention will also be given to Pan-African linkage between Africa, the Caribbean, and the United States. *Can apply to American or Non-Western History sections.

HIST 4814. Women/Politics Cross Culturally. (3 Credits)

A survey of women and politics globally from a cross-cultural perspective the course offers a comparative, historical overview of the field of women and politics.

HIST 4815. Intro to Global Terrorism. (3 Credits)

This course traces the historical development and evolution of terrorism globally through time, with emphasis on the present. This course pertinent at this time, especially since 9/11, because terrorism is fast becoming a part of our everyday lives.

HIST 4820. Special Topics in History. (3 Credits)

This course is aimed at alerting students not only to the current events that occupy the attention of world leaders, but also to the complex interplay of historic, cultural, environmental, economic, and political factors that account for global upheavals, harmonies, and apprehensions. The transitory nature of the world - marked by the break-up of the former Soviet Union, the systematic diminution of state sovereignty, globalization, narco-trafficking, terrorism, and the AIDS pandemic - makes these exciting times to study politics. This course is deliberately designed to challenge students to develop critical reading, analytical thinking, and moral reasoning.

Human Services Technology (HUST)

HUST 1100. Introduction to Human Services. (3 Credits)
This course is designed to provide the student with an awareness of the conditions in modern society that impact the health of individuals, families, & communities. It provides an introduction to the field of human services. Topics include the history and philosophical foundations of human services and the identification of populations served by human service workers. The principles of human services, essential skills, & roles required to develop an appreciation of what it means to be a human services worker are emphasized. Students will also explore current trends and changes in the human services and health care delivery system; the emerging data base on the mind-body relationship in health and illness. Attention is specifically given to managed care and its impact on health care delivery, the biopsychosocial model of assessment and diagnosis, and the interpretation of journal articles from professional health-related publications. Prerequisite: Completion or exemption of all learning support requirements. Offered: Fall and on demand.

HUST 1110. Families and Other Systems. (3 Credits)
This didactic and experiential course provides an introduction to family systems theory and its implication in family assessment, family therapy, and agency/ institution analysis. Topics include an historical perspective on the evolution of family therapy, basic system theory concepts as applied to families and other systems, the family life cycle, and an overview of the major models of family therapy. The student will learn basic family assessment methods and interventions to enable the development of initial treatment plans and facilitate the referral of families to the appropriate community resources. Prerequisites: PSYC 1101 or permission of the instructor. Offered: Spring.

HUST 2000. Group Theory & Processes. (3 Credits)
This course is designed as an introduction to the theory and process of group interaction. It will combine didactic and experiential activities that will enable the student to become familiar with different types of groups, to recognize the dynamics of group functioning, to understand the rationale for group work, to recognize the skills required to become an effective group facilitator, and to have direct experience in planning, participating in, and leading a group session. Prerequisites: Permission of the instructor. Offered: Spring, Summer.

HUST 2050. Counseling Theories & Methods. (3 Credits)
This course provides an introduction to the major theories of counseling. For each identified theory, basic concepts, definitions of health and normalcy, and strategies and interventions will be examined. The student will apply these theories to real case examples and will develop his/her own theory of counseling. Prerequisites: Permission of the instructor. Offered: Fall.

HUST 3650. Applied Community Health. (3 Credits)
This course will focus on a variety of healthcare settings. The student is introduced to the field of community health and to the provision of services to people with a wide range of health problems, including a specific emphasis on patient/client populations with disabilities. Topics covered include basic concepts of health/mental health; major types of disabilities; practical usage of the DSM-V; co-occuring disorders and treatment issues; personality disorders and addicted patients/clients; and commonly used interventions to prevent, promote, and/or restore the health/mental health of individuals, families, and groups. Pre-requisites: ENGL 1101, ENGL 1102, PSYC 1101, or permission of instructor. Co-requisite: None. Offered: Fall, Summer.

HUST 3700. Understanding and Treating Addictions. (3 Credits)
This course is designed to provide basic knowledge in the field of addictions. Emphasis is in three major areas: the biopsychosocial factors of alcoholism, drug addiction, and other types of addiction; the pharmacology of psychoactive substances, and the eight components of the skill groups in addiction counseling. Course material will be directly linked for those students working in addiction/substance abuse treatment settings or wishing to. Pre-requisites: ENGL 1101, ENGL 1102, PSYC 1101, or permission of instructor. Co-requisite: None. Offered: All semesters.

HUST 3750. Current Trends in Addiction & Mental Health. (3 Credits)
This course addresses contemporary issues in addictions and mental health. Emphasis is in four major areas: ethnic and cultural issues that influence diagnosis, treatment and utilization of services, special populations such as consumers/clients with HIV/AIDS; co-occuring disorders; and matching treatment services to individual client needs (i.e., brief therapy, partial hospitalization, outpatient treatment, etc.). In addition, attention will be given to the following current issues in the fields: treatment issues for adolescent and geriatric consumers/clients; spiritual concerns and disciplines; gay/lesbian issues; psychopharmacology; relapse dynamics and prevention; and managed care and treatment costs. Pre-requisites: HUST 3700 or permission of instructor. Offered: Fall, Spring.

Japanese (JAPN)

JAPN 1001. Introduction to Japanese I. (3 Credits)

An oral approach to the language, with fundamentals of grammar and emphasis on conversation, supplemented by oral-aural drills in the language laboratory.

Offered: Spring

JAPN 1002. Introduction to Japanese II. (3 Credits)

A continuation of Japanese 1001 that further develop listening, speaking, reading and writing skills in Japanese while including cultural, historical, and literary components. Prerequisite: Japanese 1001.

Offered: Fall

JAPN 2001. Intermediate Japanese I. (3 Credits)

JAPN 2001 is a continuation of JAPN 1002 and includes intermediate grammar, expansion of vocabulary and continued practice in conversation, writing, and reading and further extension of Japan related issues. Prerequisite: JAPN 1002 or equivalent with a grade of C or higher.

Offered: Spring

JAPN 2002. Intermediate Japanese II. (3 Credits)

JAPN 2002 is a continuation of JAPN 2001 and includes intermediate grammar, expansion of vocabulary and continued practice in conversation, writing, and reading and further extension of Japan related issues. Prerequisite: JAPN 2001 or equivalent with a grade of C or higher.

Offered: Fall

Latin (LATN)

LATN 1001. Elementary Latin I. (3 Credits)

LATN 1001 is an introduction to listening, speaking, reading, writing, and translating Latin and to the culture and history of the Roman world/era. Prerequisite: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Corequisite: None.

Offered: Fall

LATN 1002. Elementary Latin II. (3 Credits)

LATN 1002 is a continuation of LATN 1001 with continued listening, speaking, reading, writing, and translating in Latin and with an orientation to the culture and history of the Roman world/era. Prerequisite: LATN 1001 or equivalent Corequisite: None.

Offered: Spring

LATN 2001. Intermediate Latin I. (3 Credits)

LATN 2001 continues LATN 1002 and includes a review of idiomatic expressions and tenses as well as an introduction of new vocabulary, syntactical structures, and grammatical concepts. Studies of vocabulary and grammar are integrated with cultural and historical events to enhance understanding of the Roman world. Prerequisite: LATN 1002 or equivalent. Corequisite: None.

Offered: On demand

LATN 2002. Intermediate Latin II. (3 Credits)

LATN 2002 continues LATN 2001 and includes an expansion of vocabulary and more complex syntactical structures and grammatical concepts. Emphasis is placed on improving translation and reading skills, students are introduced to original Latin prose and poetry texts, and the Roman cultural and historical legacy is examined in depth. Prerequisite: LATN 2001 or equivalent. Corequisite: None.

Offered: On demand

Leadership Development (LEAD)

LEAD 1101. Leadership Development. (2 Credits)
The purpose of the course is to help students identify the attributes of effective leaders so that they can build their leadership potential and develop skills that will be of benefit to them personally and in their chosen profession. Corequisite: None. Prerequisite: None. Offered: On demand.

LEAD 1115. Servant Leadership. (3 Credits)
Through participation in the Servant Leadership course, students will gain knowledge of the styles and skills of leadership. They will be introduced to the concepts of servant leadership and how they compare to other leadership philosophies. This course helps students to understand ethics in leadership and focus on applying universal values in practical situation. Corequisite: None. Prerequisite: Completion of all Learning Support English and Reading. Offered: Every semester.

Management (MGMT)

MGMT 3105. Legal Enviroment of Business. (3 Credits)
This course provides an overview of the statutory, case, and regulatory laws that impact the relationship between law and business. The course provides insight into the elements that are critical to analyzing and understanding the relationship between law and business. Offered: Fall and Spring .

MGMT 3106. Management Science and Operations Management. (3 Credits)
This course covers the principles, concepts, modeling, and decision making techniques for business operations management. The typical topics include issues and tasks of operations management, operations strategy, decision making and optimization, total quality management, capacity planning, facility layout, and materials planning. Prerequisite: ECON 3205. Offered: Fall, Spring and Summer.

MGMT 3207. Visual Basic Programming. (3 Credits)
This course emphasizes business applications of structured and object-oriented computer programming using Visual Basic. The course covers Visual Basic syntax and basic programming techniques that enables students to design, code, document, test and debug application programs in business. Prerequisite: BISE 2010.

MGMT 3208. Fundamentals of Web Applications. (3 Credits)
This course covers the fundamentals of web applications development by using modern programming and markup languages such as HTMC, XML, ASP, Java Scripts, and Visual Basic scripts. This course is designed to bring students up to a basic level of familiarity with web applications development and programming concepts. Prerequisite: MGMT 3207.

MGMT 3405. International Business Law. (3 Credits)
This course provides a comprehensive overview of the legal requirements to engage in international business. Special emphaisis is given to the legal consideratins for conducting business in the developing countries, especially in Africa and the Caribbean. Interactive links to international business law Web Sites will be utilized.

MGMT 4030. Quality Management. (3 Credits)
Provides comprehensive coverage of both the theory and implementation of quality management. Course examines the principles and techniques for managing and improving organizational quality with emphases on customer focus, continuous improvement, employee involvement, and process improvement to meet/exceed expectations of multiple stakeholders.

MGMT 4110. Organizational Behavior. (3 Credits)
This course is designed for students to learn individual and group skills required for effective functioning in an organizational context. Topics include global competition, leadership, motivation, diversity, decision making, group dynamics, culture, organizational development, and systems. Prerequisite: MGMT 3105 or MGHC 3120. Offered: Fall, Spring and Summer .

MGMT 4111. Seminar in Organizational Theory and Behavior. (3 Credits)
This is an advanced course in organization design and structure and their impact on individual, group and organization effectiveness. Focus is on the role of authentic leadership in taking action based on the relationships of mission, power, resources, structure, meaning, existence and fulfillment. Prerequisite: MGMT 4110.

MGMT 4125. Human Resource Management. (3 Credits)
Explores the process of forecasting and identifying resources in the labor market, determining staffing needs, developing budgets, and employment plans. Emphasis is on program evaluation and legal considerations, equal employment opportunity, performance appraisal, compensation management, training, and development. Prerequisite: MGMT 3105 or MGHC 3120 Offered: Spring and Summer.

MGMT 4126. Organizational Learning. (3 Credits)
This course focuses on the knowledge and skills needed for the complex issues of tomorrow. Prerequisite: MGMT 4110.

MGMT 4127. Small Business Management. (3 Credits)
This course is about the issues and opportunities involved in starting, operating, and managing a successful small business. Prerequisite: MGMT 4110 and FINC 3105 or MGHC 4410 Offered: Spring and Summer.

MGMT 4128. Contemporary Business Issues. (3 Credits)
A discussion of major issues such as environmental pollution, prohibitive labor cost, loss of competitive ability, shift from manufacturing to service, business ethics, rising costs of Social Security, medical care, etc. Prerequisite: Senior Standing. Offered: Fall .

MGMT 4199. Business Policy. (3 Credits)
A capstone course that integrates knowledge acquired in accounting, economics, finance, operations management, information systems, management, and marketing in the formation of business strategies. Case study method is emphasized. Prerequisite: senior standing, BUSA 4105, ECON 3205, FINC 3105, MGMT 3105 or MGHC 3120, MGMT 3106, MGMT 4110, MKTG 3120 Offered: Fall, Spring and Summer.

MGMT 4205. Management Information Systems. (3 Credits)
An overview course designed to introduce students to the area of information systems. It emphasizes concepts, components and structures of information systems and their applications in business and managerial decision making. Prerequisite: BISE 2010. Offered: Fall, Spring and Summer.

MGMT 4206. Database Management Systems. (3 Credits)
An introductory course to database management and its system implementation techniques. It covers the structure of database management systems, database design, Entity-Relationship modeling, normal forms, relational database theory, the structural query language (SQL), and database system development and management using an industrial leading database system such as ORACLE. Prerequisite: BISE 2010. Offered: Fall and Spring.

MGMT 4207. Systems Analysis and Design. (3 Credits)
This course covers all the major phases of a complete systems development life cycle (SDLC), business modeling techniques such as Entity-Relationship diagramming, data flow diagraming, and the use of Integrated Computer-Aided Software Engineering (I-CASE) tools to support systems development. Prerequisite: MGMT 4205. Offered: Fall and Spring.

Management Health Care (MGHC)

MGHC 2220. Medical Terminology. (2 Credits)
A systematic study of the language of medicine. Focal areas include the development of medical vocabulary and communication skills through the analysis of word components. Offered: Fall and Spring.

MGHC 3110. Introduction to Health Care Organizations. (3 Credits)
An introductory course which provides a general overview of health care organizations. In addition to traditional models of health care, novel health care delivery systems such as managed care organizations will be studied. Offered: Fall.

MGHC 3120. Ethical/Legal Issues in Health Care. (3 Credits)
Theories and principles of ethical decision making will provide a framework for the analysis and resolution of complex ethical dilemmas. A historical and current examination of the law as related to the ethical decision making process will be included. Related ethical/legal topics will include: tort of battery, informed consent, negligence, The Patient's Bill of Rights, living wills and advanced directives. Offered: Spring and Summer.

MGHC 3210. Social Issues in Health Care Systems. (3 Credits)
An analysis of the social issues impacting the health care delivery system. Focal issues may include the role of the society and the individual in the health care system. Access, cost and quality of health care will be examined. Related topics range from the graying of America to maximizing the health care economy. Corequisites:HCAD 3110, 3310.

MGHC 3220. Research in Health/Biostatistics. (3 Credits)
An introductory study of the research process using a health related topic. Proposal development will be enhanced by problem and hypothesis formulation, a review of the literature, and the development of a methodological/ biostatistical plan for data analysis or program evaluation. Prerequisite: MGHC 3120 Offered: Fall.

MGHC 3310. Chronic Diseases. (3 Credits)
The study of selected chronic diseases including causation, treatment, and prevention. The social and economic impact of these diseases process will be highlighted. Prerequisite: MGHC 2220 Offered: Fall and Summer.

MGHC 3411. Quality Management in Health Care Organizations. (3 Credits)
Foundations of quality which focus on patient satisfaction and provisions of quality care will be explored. Emphasis will be placed on the need for incremental measures of quality care. Additionally, formal quality assessment procedures, regulatory agencies and schools of thought on quality management will be reviewed. Prerequisites: MGHC 2220 or NURS 1232 and MGHC 3110 Offered: Spring and Summer .

MGHC 3420. Economics of Health Care. (3 Credits)
An examination of the U.S. Health Care System utilizing national and international health care trends. Basic principles of economics provide a basis for analysis of the health care system throughout its three phase development: the Public Health Movement, the Scientific Movement, the Era of Restriction of Funding, and Healthcare Reform. Prerequisite: ECON 2105 and ECON 2106. Offered: Fall.

MGHC 4030. Quality Mgmt Systems. (3 Credits)
This course examines concepts, tools, and techniques used in the management and measurement of quality, productivity, and competitiveness in an international environment. This course focuses on how firms add value and compete with quality. This course emphasizes the development of decision- making skills through the study of quality managment theories and the use of case analysis. Prerequisites: ECON 3205 Economic and Business Statistics)

MGHC 4035. Health Care Marketing. (3 Credits)
This course will explore the application of marketing theories and concepts to the healthcare industry. Issues such as patient satisfaction, the role of physicians, pharmaceutical industries and nurses in healthcare marketing will be addressed. Empahsis will be placed on ethical marketing practices and strategies. Students will develop working knowledge and appreciation for the glossary of marketing language and terminology. Prerequisite: MKTG 3120. Offered: Fall .

MGHC 4210. Principals of Long Term Care. (3 Credits)
This course will intergrate health and gerontological principles which relate to the delivery of health care for a rapidly growing aging population. Emphasis will be placed on the challenges of the health care system to meet health needs of the aging population.

MGHC 4211. Health Care Administration Practicum I. (4 Credits)
The initial application of theoretical classroom knowledge in a community based health care facility. Health facility types include: hospitals, nursing homes, physician practices, and various types of clinics and ambulatory care centers. Prerequisite: MGHC 3220 Offered: Fall and Spring.

MGHC 4410. Financial Management. (3 Credits)
The incorporation of introductory principles of finance, such as capital budgeting, to promote the sound fiscal management of a health care organization. Acquisition of funds and structural strategies also support the learning process in this course. Prerequisite: ACCT 2101 Offered: Spring.

MGHC 4421. Insurance for Health Care Professionals. (3 Credits)
The student will gain knowledge of various disease classification systems needed to understand and process insurance claims. Various categories of insurance for study include: universal health insurance, private insurance, Medicare and the Tri-Care System. State-of-the-art electronic billing procedures will be included. Prerequisite: MGHC 2220 and MGHC 3110 Offered: Spring.

Marketing (MKTG)

MKTG 3120. Principles of Marketing. (3 Credits)
A course designed to show the characteristics, history, and functions related to marketing. Emphasis is on product definition, promotion, distribution, and pricing. Prerequisites ECON 2106. Offered: Fall, Spring, and Summer.

MKTG 3130. Consumer Behavior. (3 Credits)
Study of the theories of consumer behavior with contribution from social sciences, and the implications on human consumption including decision-making factors which impact consumer purchasing patterns. Prerequisites MKTG 3120 Offered: Spring.

MKTG 3132. Fundamentals of Selling. (3 Credits)
This course covers each aspect of the sales process. Attention is devoted to such sales activities as prospecting planning, product demonstrations, responding to objections, obtaining commitment, and relationship building. Each student is required to develop a sales presentation. Prerequisite: MKTG 3120. Offered: Spring.

MKTG 3134. Markting Research. (3 Credits)
An introduction to methods used in market research, types of research, research design, and application of research results. Includes hands-on application of research methodology. Prerequisite: MKTG 3120 Offered: Fall.

MKTG 3136. Promotion & Advertising. (3 Credits)
A course intended to provide an understanding of promotion and advertising, their functions in our way of life, and their role in business. Prerequisite: MKTG 3120 Offered: Fall.

MKTG 4140. Retail Management. (3 Credits)
An introduction to the structure of retailing and problems associated with the management of retail stores and other channels of distribution. Prerequisite:MGMT 3120 Offered: Fall.

MKTG 4148. Sales Management. (3 Credits)
This course covers each aspect of the sales process. Attention is devoted to such sales activities as prospecting, planning, product demonstrations, responding to objections, obtaining commitment, and relationship building. Each student is required to develop a sales presentation. Prerequisite: MKTG 3130.

MKTG 4150. Professional Development. (3 Credits)
This course is designed to prepare students for the work world for entrepreneurial endeavors and for the success in corporate America. Areas covered include business ethics, professionalism, dining etiquette and business logistics.

MKTG 4170. Marketing Management. (3 Credits)
Management of marketing function, management skills and strategies applicable to management of marketing functions and their interrelationships within the environment of the firm. Prerequisites: MKTG 3120 Offered: Spring.

MKTG 4180. Marketing Information Systems. (3 Credits)
Marketing Information Systems is designed to help students gain an understanding of how and why Internet web sites are developed, how they are used to build an audience and how companies use them to generate sales and profits. Students will also learn the strategies companies use to drive traffic to a site and the role that marketing plays in developing successful websites. Prerequisite: MKTG 3120. Offered: Spring.

Communications/Pub. Speaking (COMM)

COMM 1000. Cultural Diversity in Communication. (2 Credits)
This course emphasizes the patterns of public and interpersonal communication among and between ethnic groups and minority cultures globally with strategies and skills for improving the quality of those interactions. This class will deepen the understanding of communication as a social process using the course as a public speaking forum. Offered: All semesters.

COMM 1100. Human Communications. (3 Credits)
This course provides a broad approach to oral communication skills including intrapersonal, interpersonal, small group and public speaking. The course will also examine intercultural and mass communication. Offered: All semesters.

COMM 1110. Public Speaking. (3 Credits)
The organization of materials and the vocal and physical aspects of delivery in various speaking situations will be the focus of this course. Offered: All semesters.

COMM 2000. News Writing and Reporting. (3 Credits)
This course introduces basic concepts in news writing and teaches the basic skills of gathering information, including background research, interviews and observations, writing basic forms of news stories, including hard news and soft/feature stories, for both print and online media. Prerequisite: ENGL 1102. Offered: Fall and Spring.

COMM 2010. Survey of Mass Communication. (3 Credits)
This course presents the basic tenets of mass communication. It will provide insight into the different facets of mass communication, and how mass communication has been tied to contemporary culture. The course will provide insight into the different theories on media influence, and delve into the different media institutions, explore their history, and the political, social, and economic forces that shape contemporary media output. Prerequisite: ENGL 1102. Offered: Fall/Spring.

COMM 2025. Writing for the Media. (3 Credits)
Students will analyze and develop critical standards for radio/tv/film/Internet writing. Using basic script formats, students will prepare scripts in the appropriate mode. The student, under faculty supervision, will learn processes of creating a finished script that conforms to industry standards. Prerequisite: ENGL 1102. Offered: Fall/Spring.

COMM 2035. Fundamental Web and Graphics Design. (3 Credits)
A study of two-dimensional (2-D) design with emphasis on the visual communication design process. Topics include basic terminology and graphic design principles and introduction to fundamentals of design that lead to the discovery and comprehension of the visual language. Form, balance, structure, rhythm, and harmony are studied in black and white and in color. Various media will be used. This is the prerequisite course for the advanced publication design. Prerequisite: None. Offered: Fall, Spring.

COMM 3105. History of the Media. (3 Credits)
This course focuses on the historical development of the media. Students will acquire an in-depth understanding of how the media developed across the centuries, which events influenced these developments, and how the media shaped major events. By looking into the history of the media, students will also acquire a better understanding of the inner workings of media production and influence today. [Prerequisite: COMM 2010]. Offered: Spring.

COMM 3110. Communication Research. (3 Credits)
This course discusses avenues to identify issues or problems in the field of mass communication that warrant scientific research, and covers various mass communication research methods such as content analysis, surveys, and experiments. The primary focus is on formulating research questions and creating appropriate research designs. This course will involve class research projects that require student participation. [Prerequisite: COMM 2010] Offered: Fall.

COMM 3120. Media Aesthetics and Criticism. (3 Credits)
A course designed to provide the fundamentals of theory and aesthetics for media criticism. Participants will identify, conceptualize, and apply aesthetic components to analyze media messages. They will apply narrative structure and other frameworks to their analysis, and they will interpret how ideology and culture play a role in the process of meaning production. [Prerequisite: COMM 2010.] Offered: Fall.

COMM 3155. African American Images in the Media. (3 Credits)
This course will elaborate on the representation of African Americans in the media. African American Images in the Media will provide an introduction into theories of representation and present the development of African American images in the media over the last 5 decades. The course will also explore different themes within this representation, such as the images of African American families, the African American male and female in the media, African Americans in music, and the representation of African AMericans in the news. [Prerequisite: COMM 2010] Offered: Spring.

COMM 3160. Foundations of Strategic Communication. (3 Credits)
This course will elaborate on persuasive communication, including advertising, public relations, and propaganda, and the role these can play in altering opinions, attitude, and a behavior. The course provides students with insight into the psychological processed that play a role in the reception and possible influrence of persuasion communication. Students will also gain insight into the various strategies and techniques used in persuasive messages, and learn how to create their own persuasive communication campaign. Finally, the course will delve into the history of strategic communication, and explicate how various forms of persuasion have been used throughout the ages. [Prerequisite: COMM 2010] Offered: Fall.

COMM 3205. Introduction to Public Relations. (3 Credits)
This course explains what the profession of public relations is. It will provide an overview of the roles, functions, principles, practices, strategies, tactics, and effects of public relations, as well as the ethics and legal perspectives related to the PR profession. The course will also discuss how PR interacts with journalism, advertising, and other practices in both traditional and new media. [Prerequisite: COMM 2000 and COMM 2010] Offered: Fall.

COMM 3210. Writing for Public Relations. (3 Credits)
This course is for students to develop the writing skills necessary to succeed in a public relations career. Students will produce public relations materials in a variety of formats, including fact sheets, news releases, brochures, blogs, position papers, and others. This course is also designed to have students think critically about current events and how they relate to public relations practice. [Prerequisite: COMM 2000] Offered: Spring.

COMM 3240. Audience Analysis. (3 Credits)
In this course, students will learn about the key elements of mass communication: the audience. The course will address the basic nature and characteristics of media audiences, as well as various methods used to collect information about the audience. This course will familiarize students with the nature of audience responses, the psychological processes that underline the audience response, and how to establish media impact. [Prerequisite: COMM 2010] Offered: Spring.

COMM 3250. Intercultural Communication. (3 Credits)
This course is centered on the importance of communication in our daily lives, and how communication is both informed by and shapes our culture. In this course, students will be made aware of how their communication processes are influenced by their culture, and how these processes vary across cultures. Students will gain an understanding of the challenges and opportunities posted by cross-cultural communication, and they will learn how to communicate effectively across cultural boundaries. [Prerequisite: COMM 2010] Offered; Fall.

COMM 3270. Broadcast Journalism. (3 Credits)
This lecture-laboratory course is oriented to radio and television broadcasting. Emphasis is placed on gathering, analyzing, writing, editing, and presenting news. Studio and on-location tapings are required. [Prerequisite: COMM 2020] Offered: Fall.

COMM 3280. International Media Research. (3 Credits)
This course is offered as a study abroad (SA) course. It covers commonly used research methods in communication. Readings prior to the study abroad trip will be required. Practical cases in the context of study abroad program will be used to illustrate how research may be applied to solve problems and enhance understanding of the international media and audiences. [Prerequisite: COMM 2010] Offered: Summer.

COMM 3310. Fundamentals of Visual Communication. (3 Credits)
Students will become familiar with how news and entertainment photos are made and edited for publication in media including newspapers, magazines, electronic media, and web sites. The course will provide students with an understanding of the history of photojournalism and its role in media organizations; how to operate a camera; the ability to edit photos for publication, including selecting, cropping, and cutline writing; and a basic understanding of photo composition. Legal and ethical issues regarding photojournalism are addressed along with learning the ability to produce basic, publishable photographs. [Prerequisite: COMM 2000] Offered: Fall.

COMM 3320. Fundamentals of Audio Production. (3 Credits)
A lecture and laboratory course that introduces students to the properties and production of sound, and how to record, edit, and mix audio. The student will acquire skills related to writing and announcing for the ear, console operation and signal flow, and recording technologies and formats. They will also acquire knowledge regarding audio aesthetics, production genres, and conventions for radio and other audio media. [Prerequisite: COMM 2020] Offered: Fall.

COMM 3330. Advanced Communication Skills. (3 Credits)
Analysis and application of interpersonal, small group, and mediated communication skills as effective speaking, listening, negotiation, conflict management, presentation, and media interviewing. Pre-requisite: COMM 1110 (C or better) or COMM 1100 (C or better)

COMM 3360. Media Advertising and Sales. (3 Credits)
Introductory survey of basic processes, strategies, and techniques for producing, selling, and evaluating advertising. Emphasis on consumer and marketing research, media advertising campaigns, marketing plans, media ratings, audience analysis, and media buying plans. [Prerequisite: COMM 2010] Offered: Spring.

COMM 3380. Sports Communication. (3 Credits)
Introduction to the field of sports writing and broadcast. Students will have a variety of assignments ranging from general sports coverage to play-by-play reporting of athletic events. Students will demonstrate an overall understanding of sports communication and the standards that pertain to it. Students will investigate and report various sports materials including reporting, interviewing, profiles, features, and related statistical information; prepare and participate in sporting events in areas of announcing, producing, etc.; prepare PR and promotional kits for sports teams and organizations; and undestand the sports business in the United States and internationally. [Prerequisite: COMM 2000] Offered: Spring.

COMM 3445. Fundamentals of Video Production. (3 Credits)
This course is designed to acquaint the student with the operation and use of video production equipment and facilities. The student will have the opportunity to reach a competent level in basic video production areas. The course is organized as an introduction to television production with emphasis on: the use of video production, working within production studios, duties and responsibilities of the production crew, and visualization/design concepts for video. [Prerequisite: COMM 2025] Offered:Fall.

COMM 4140. Philosophy and Ethics of Communication. (3 Credits)
This course will introduce students to the philosophical foundations utilized in the field of mass communication. It will discuss the historical development of mass communication ethics and explore issues faced by mass communication practitioners and organizations in today's postmodern society. Through class discussion and case studies, students will learn how to utilize critical reasoning to resolve ethical dilemmas common in the media industry. [Prerequisite: COMM 2010] Offered: Spring.

COMM 4160. Media Programming & Management. (3 Credits)
Overview of basis of media programming and management including models relating to management theory, personnel goals, communicational organization, and media programming plans and formats appropriate for current organizations. [Prerequisite: COMM 2020] Offered: Spring.

COMM 4205. Theories and Strategies in Emerging Media. (3 Credits)
This course will survey new and emerging forms of media, and address theory, concepts, and strategies surrounding their development and impact. This course will critically examine the role that new media play in social change, and rely on case studies to elaborate on the use and impact of these newly emerging media. [Prerequisite: COMM 2010] Offered: Spring.

COMM 4210. PR Cases & Campaigns. (3 Credits)
This course is an undergraduate seminar in the creation of strategic communication campaigns. Students will study the operation and objectives of effective public relations using a case-study approach. Concepts to be covered include defining a campaign and expressing creativity, as well as identifying goals, objectives, and the target audience for a campaign. [Prerequisite: COMM 3200] Offered: Spring.

COMM 4215. PR Management & Administration. (3 Credits)
For both managers in PR firms and PR leaders across industries, the insights and skills to understand, coordinate all internal and external stakeholders, resources, and logistics are essential to the success of PR campaigns, the effectiveness of crisis management, and the long-term organizational health of the PR apparatus. This course will analyze the role of public relations in corporations, it will also discuss the management of public relations in other types of organizations such as non-profits, communications agencies, and government institutions. The importance of community and stakeholder relationship management will be emphasized. [Prerequisite: COMM 3200] Offered: As Needed.

COMM 4225. Communication Law. (3 Credits)
Study of various laws affecting American media. Students examine the concepts of freedom of speech and press, specific laws and alternative interpretations of those laws, federal regulatory agencies rights in news and advertising, libel slander, copyrights, and invasion of privacy. [Prerequisite: COMM 2010] Offered: Fall.

COMM 4240. Crisis Communication. (3 Credits)
As communication technology and the proliferation of news outlets instantly informs the public about organizational missteps, organizations need to be aware of their reputation before, during, and after crises. This course will discuss what constitutes and causes organizational crises, how to avoid crises, what to do when a crisis hits, and how to learn from past crises and prevent future problems. [Prerequisite: COMM 3200] Offered: Fall.

COMM 4250. Brand Journalism. (3 Credits)
Brand journalism is not only shaking up traditional views of brand management, it is also shaking up traditional views of journalism. It is content creation using journalistic skills. In this course, the future PR practitioners will learn to think like a journalist in creating evolving, multidimensional stories on behalf of the brands while asserting direct engagement with audiences and fans, bypassing the mediating news professionals. [Prerequisites: COMM 2000 and COMM 3200] Offered: Spring.

COMM 4260. International Strategic Communication. (3 Credits)
The next generation of public relations students must be equipped with strategic communication skills to work in a global environment. Through a combination of research projects, discussions, and case studies, the course will cover a variety of global issues, including diversity of news and mass communications, emerging trends in global business communication and media, advances in technology, global sources and systems of communication, cultural contexts, ethical and legal issues, and the role and impact of advertising and public relations in the global marketplace. [Prerequisites: COMM 3160 or COMM 3200] Offered: Summer.

COMM 4280. Cases on Emerging Media. (3 Credits)
This course is offered as a study abroad (SA) course. It covers current important issues and phenomena in the new and emerging media. Case study is the primary approach to this class. Theoretical foundations are discussed and applied to the explaining and understanding of the cases. Comparisons will be made between the popular and emerging media in the study abroad host country and those in the United States. [Prerequisite: COMM 2010] Offered: Fall.

COMM 4320. Radio Programming and Production. (3 Credits)
Advanced level course in the radio profression that studies the methods of programming strategies, advanced techniques in production, presentation, planning, ratings, formats, and audience analysis. Includes techniques in sound and music effectiveness in all radio content and methods. [Prerequisite: COMM 3320] Offered: Spring.

COMM 4340. Advanced Video Production. (3 Credits)
This is an advanced level course in video production, designed to give the student a practical experience as a producer and director of video narratives, documentaries, and other forms. The course is composed of production assignments, production meetings, lectures, demonstrations, screenings, and discussions. [Prerequisite: COMM 3340] Offered: Spring.

COMM 4350. Narrative Film Making. (3 Credits)
Examines the art of dramatic, comic, action, and suspense filmmaking and provides practical opportunities for students to prepare scripts, storyboards, direction, and to film, edit, and produce original fictional works. [Prerequisite: COMM 3340] Offered: Spring.

COMM 4355. Documentary Film Making. (3 Credits)
The pre-production, production, and post-production of audio and video documentaries. Hypothesize and comprehend the uses and purposes of media production and theories and applications included in the roles of director, producer, and editor; promote the development of the producer in the area of production techniques, and cultivate producer skills such as negotiating, client relations, budgeting, etc. through field production, post-production, and evaluation. [Prerequisite: COMM 3340] Offered: Spring.

COMM 4510. Media Seminar. (3 Credits)
Must be a senior to enroll. This course for graduating seniors provides students an opportunity to apply theories and techniques to practical experiences in their areas of concentration. It is a research seminar. Seniors must successfully complete an approved final project that will be presented both orally and in writing to be judged by a jury of faculty in the department. In consultation with their advisors, students may select a topic for their research during the first semester. Research projects should reflect the career or academic interests of the students. [Prerequisite: Senior Status]. Offered: Fall, Spring.

COMM 4530. Directed Study. (3 Credits)
A project designed by the student and a radio-television-film faculty member who agrees to work with the student to meet specific and individual needs. Directed study requires the student to complete extensive readings and writing assignments. [Prerequisites: Junior or Senior Status and permission of instructor] Offered: Fall.

COMM 4550. Special Topics. (3 Credits)
A specially-designed course(s) providing students an opportunity to pursue scholarly and practical work in an area of major interest under the guidance of members of the mass communication faculty. Specific goals and objectives permit students to take specialized course subjects pertinent to current needs and desires. [Prerequisite: At least junior standing] Offered: Spring.

COMM 4570. Internship. (3 Credits)
Part-time placement in professional media facilities in Albany and other cities. Emphasis is on learning overall business structure and developing skills for entry-level decision-making positions. [Prerequisites: At least junior standing or instructor permission] Offered: Fall, Spring.

Mathematics (MATH)

MATH 1001. Quantitative Reasoning. (3 Credits)
This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take Precalculus, Trigonometry, or the Calculus sequence for mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will likely encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined. A graphing calculator is required. MATH 1001 is a math course for non-science majors and may be used as a prerequisite to MATH 2205 and/or MATH 1145. Students receiving credit for MATH 1001 cannot receive credit for MATH 1111. Prerequisite: MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into co-requisite remediation or higher. Offered: All semesters.

MATH 1101. Mathematical Modeling. (3 Credits)
This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communications of quantitative concepts and resuts. MATH 1101 may be taken as a substitute for MATH 1001: Quantitative Reasoning.

MATH 1111. College Algebra. (3 Credits)
This course includes a study of topics in real numbers, linear and quadratic equations, complex numbers, various types of other functions and their graphs, exponential and logarithmic functions, systems of linear equations and inequalities. Prerequisite: Developmental MATH 0099 or Placement Test.

MATH 1112. Trigonometry. (3 Credits)
MATH 1112 Trigonometry (3-0-3) This course covers trigonometric functions. The topics include identities, solutions of triangles, complex numbers, conics, and vectors. A graphing calculator is required. Students receiving credit for MATH 1112 cannot receive credit for MATH 1113. Prerequisite: MATH 1111 or consent of Division Dean. Offered: All semesters.

MATH 1113. Pre-Calculus. (3 Credits)
This course is the study of functions and their graphs. Topics include trigonometric functions, exponential and logarithmic functions, transcendental functions and polar coordinates. Prerequisite: MATH 1111 or Placement Test.

MATH 1211. Calculus I. (4 Credits)
This is a beginning course in calculus. Topics include differentiation and integration of algebraic and trigonometric functions, with applications to graphs of functions, rectilinear motion, maxima and minima, areas, volumes and work. Prerequisite: MATH 1113.

MATH 1401. Intro to Statistics. (3 Credits)
This course is a course in basic statistics. Topics include descriptive statistics, probability, distributions, hypothesis testing, inferences, correlation, and regression.

MATH 1501. Calculus I. (4 Credits)
Topics to include functions, limits, continuity, the derivative, antidifferentiation, the definite integral, and applications.

MATH 2008. Foundation Of Numbers And Oper. (3 Credits)
This course is an Area F introductory mathematics course for teacher education majors. This course will emphasize the understanding and use of the major concepts of number and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics. Prerequisite(s): MATH 1101, MATH 1111, MATH 1113, or approved equivalent.

MATH 2111. Linear Algebra. (3 Credits)
This course concentrates on operations with vectors, matrices, systems of linear equations, determinants, vector spaces, linear trans- formations, eigenvalues and eigenvectors. Prerequisite: MATH 1211.

MATH 2212. Calculus II. (4 Credits)
This course is a continuation of Calculus I. Topics include differentiation and integration of transcendental functions, techniques of integration, arc length, surface or volumes, force, work, and introduction to differential equations, improper integrals, sequences and series and parametric equations. Prerequisite: MATH 1211.

MATH 2213. Calculus III. (4 Credits)
Topics include vectors, the calculus of vector-valued functions, polar coordinates, spherical coordinates, function of several variables, directional derivatives, Lagrange multipliers and multiple integrals. Prerequisite: MATH 2212 .

MATH 2411. Introduction to Statistics. (3 Credits)
This course will include an introduction to probability and basic concepts of descriptive and inferential statistics. The computer and graphing calculators will be an integral part of this course. Prerequisites: MATH 1001, 1111 or 1113.

MATH 3000. Numbers and Their Applications. (3 Credits)
This course will cover the basic properties of the system of natural numbers, the system of whole numbers, the system of rational numbers and the system of real numbers. This course will also cover nomenclature and representations of numbers, number patterns, elements of number theory and applications. Prerequisite: MATH 1111 or MATH 1113. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MATH 3005. Advanced Topics in Elementary Mathematics. (3 Credits)
This is an introductory course of theory and applications of content and pedagogy for early childhood majors. Focus will be on instructional strategies, materials, and lesson planning for mathematics classes grades K-8 with an emphasis on basic mathematical concepts and national curriculum recommendations. Students will be introduced to manipulatives and technology needed to engage students in grades K-8. Students are required to have calculators and access to computers and printers. Prerequisites: MATH and admission to teacher education. Offered: Fall.

MATH 3101. Introduction to Number Theory. (3 Credits)
Introduction to the classical arithmetic properties of the integers. Divisibility properties, primes and their distribution, congruencies, Diophantine equations and their applications, number-theoretic functions, Fermat and Euler theorems, continued fractions, Fibonacci numbers, Pythagorean triples and perfect numbers. Prerequisite: MATH 2212 .

MATH 3111. Discrete Structures. (3 Credits)
This course includes topics such as logic, set relations, functions, counting techniques, mathematical induction, representations, combinatorial problems, elementary graph theory, network flow, recursion and finite state machine. Prerequisite: MATH 1113.

MATH 3112. Discrete Mathematics. (3 Credits)
This course includes a study of topics in combinatorial mathematical processes. Topics in mathematical induction, set theory, number theory, combinations, permutations, probability theory including the induction principle, relations, recursions, the counting principle, generating functions, logic, and graph theory are covered. Prerequisite: MATH 1113. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MATH 3211. Ordinary Differential Equations. (3 Credits)
This course includes topics in ordinary differential equations: separable equations, homogeneous and non homogeneous equations, exact equations, Euler equations, non- linear ordinary differential equations, the study of Laplace transforms and how to use them to solve practical problems as well as solving systems of linear differential equations. Prerequisite: MATH 2212.

MATH 3213. Modern Geometry. (3 Credits)
This course is the study of metric, affine and projective geometries by means of groups of transformations and their invariants on the Euclidean plan. Prerequisite: MATH 2111. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MATH 3311. Geometry & Applications. (3 Credits)
This is an in-depth course designed to provide students with the knowledge and skills of geometry concepts and the applications of geometry in the K-8 mathematics classroom. Focus will include Euclidean Geometry, its postulates and theorems, instructional strategies, technology infusion, learning theories, ethical issues, and assessment of instruction in geometry. Past and current curriculum issues in geometry will be addressed. It will also include an analysis of curriculum trends and content in geometry as related to the Georgia Common Core Standards and the GACE II. Prerequisites: MATH 1111 and MATH 1113.

MATH 3314. Math Statistics. (3 Credits)
Calculus-based course in probability and statistics covering probability distributions, probability densities, random variables, sampling, experimental design and nonparametric statistics and decision theory. Prerequisite: MATH 2212.

MATH 3357. Business Calculus for Analytics. (3 Credits)
This course teaches business applications of calculus for Analytics. Typically for Business Majors but can be taken by anyone with Quantitative Reasoning and above.

MATH 3411. Statistical Methods. (3 Credits)
This course deals basic statistical methods encountered in applications. Topics covered include normal distribution, confidence interval, statistical inferences, hypothesis testing, regression and correlation, categorical data and non-parametric methods, analysis of variance. Statistical methods will be a major requirement for the mathematics program. It supports our efforts to strengthen our program and offer more Applied Mathematics courses to our majors who are seeking employment in areas requiring the use of statistics as well as those majors who intend to pursue graduate programs in statistics. Prerequisite: Math 2411 .

MATH 3413. Introduction to Combinatorics. (3 Credits)
This course is the study of basic graph theory, permutations, combinations, inclusion-exclusion principle, recurrence relations, generation functions, occupancy problems, applications to probability theory, geometry of the plane, maps on the sphere, coloring problems, finite structures, systems of distinct representatives, existence problems, magic squares, and Latin squares. Prerequisite: MATH 2111.

MATH 3423. Introduction to Operations Research. (3 Credits)
This course is the study of deterministic and stochastic models including transportation and assignment problems, network analysis, decision theory, queuing theory and simulation. Prerequisite: MATH 2111.

MATH 4111. Modern Algebra I. (3 Credits)
This course covers basic concepts in groups, rings, integral domains, homeomorphisms and isomorphism of groups. Prerequisite: MATH 2212 .

MATH 4112. Modern Algebra II. (3 Credits)
This course covers elementary concepts in ring theory and field theory. Prerequisite: MATH 4111.

MATH 4211. Elements of Analysis I. (3 Credits)
This course is the study of the real number system, point- set theory of the real line, global and local properties of continuous functions, Law of Mean, convergence of sequences and series, and the Theory of Riemann Integration. Prerequisite: MATH 2213.

MATH 4212. Elements of Analysis II. (3 Credits)
This course is the study of functions of several variables, implicit-function theorems, vectors in Rn, linear transformations in Rn, calculus of functions in higher dimensional Euclidean spaces, multiple integrals, line and surface integrals. Prerequisite: MATH 4211.

MATH 4214. Introduction to Complex Variables. (3 Credits)
The course includes a study of analytic, harmonic, continuous, and logarithmic functions, Cauchy-Riemann equations, power series, branch point, contours and contour integrals, Cauchy's theorem, and applications. Prerequisite: MATH 2213 .

MATH 4215. Numerical Analysis. (3 Credits)
This course will provide an introductory knowledge of elementary numerical methods found useful in the field of computing. This will include number representation and errors, locating roots of equations, interpolation and numerical differentiation, numerical integration, minimization and maximization multivariate functions. Prerequisite: MATH 2213 .

MATH 4220. Partial Differential Equations. (3 Credits)
This course deals with method of characteristics for first and second order partial differential equations, separation of variables, hyperbolic equations, parabolic equations, elliptic equations, Fourier series, Green's function. This course strengthens the applied math courses offerings in the mathematics program. Prerequisite: MATH 3211.

MATH 4313. Topology. (3 Credits)
This course is the study of elementary topology. The topics include point set theory, topological spaces, metric spaces, subspaces, continuous mapping, homeomorphisms, connectedness, compactness, and intuitive concepts in topology. Prerequisite: MATH 4211 .

MATH 4330. Math of Compound Interest. (3 Credits)
Simple interest, discouont interest, compound interest, ordinary annuities, annuities certain, debt retirement methods, investing in stocks and bonds, de[recoatopm amd capital budgeting, future and present value of continuous streams, variable payment annuities, variable block of payments, stochastic payments, risk of default, and stochastic interest annuities, and topics in modeling and hedging.

MATH 4332. Math of Demography. (3 Credits)
This course deals with the mathematics encountered in demography and applications. Topics include: data collection and demographical statistics, measures of mortality and fertility, life tables and census data, stationary and stable population theories, population projections, use of census data, US and Canadian life tables, and the renewal equations.

MATH 4511. History of Mathematics. (3 Credits)
This course includes topics in numeral systems, Babylonian and Egyptian mathematics, Pythagorean and Euclidean mathematics, Hindu and Arabian mathematics, European mathematics from the Dark Ages to the Present. Prerequisite: Senior standing.

MATH 4921. Senior Project 1. (1 Credit)
Students will broaden their educational experiences studying, understanding and reviewing technical literature in the areas of mathematics, mathematical applications, organizing and writing research papers, proposals, attending seminars and preparing professional-level presentations. Students will draw upon and synthesize knowledge from their previous course work and out-class experiences. Through revision of both the proposals and the oral presentations, students will improve their ability to communicate the main ideas.

MATH 4922. Senior Project II. (2 Credits)
Students will broaden their educational experiences studying, understanding and reviewing technical literature in the areas of mathematics, mathematical applications, organizing and writing research papers, proposals, attending seminars and preparing professional-level presentations. Students will draw upon and synthesize knowledge from their previous course work and out-class experiences. Project implementation should satisfy all requirements accomplished during the course MATH 4921. Through revision, critiquing, and justification of the proposals and the oral presentations, students will strengthen their abilities and competence communicating deep understanding of their work in oral and written forms.

Medical Laboratory Technology (MLTS)

MLTS 1160L. Medical Laboratory Technology I Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform laboratory analysis of blood and body fluids. Prerequisite: Admission into the MLTS program or permission of the instructor. Corequisite: MLTS 1160W. Offered: Fall; online and traditional options.

MLTS 1160W. Medical Laboratory Technology I. (3 Credits)
An in-depth study of the sciences of hematology and body fluids analysis. It deals with the morphology of blood and blood-forming tissues, the principles of blood sample collections, and the composition and function of multiple body fluids. Physiology and pathology are emphasized. Prerequisite: Admission into the MLT program or permission of the instructor. Corequisite: MLTS 1160L. Offered: Fall, online & traditional options.

MLTS 1161L. Medical Laboratory Technology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills and competencies required to perform blood banking procedures and to maintain procedures for the efficient operation of a blood bank. Corequisite: MLTS 1161W. Offered: Spring; online and traditional options.

MLTS 1161W. Medical Laboratory Technology II. (3 Credits)
This course provides an introduction to the principles of immunology and provides the student with a concise and thorough guide to transfusion practices and immunohematology. Corequisite: MLTS 1161L. Offered: Spring; online and traditional options.

MLTS 1182. Parasitology, Mycology, and Virology. (3 Credits)
A course in clinical parasitology, mycology, and virology covers human fungal, parasitic and viral infections. The course presents mechanisms of infection, life cycles, and infectious states of the organisms as well as disease progression within the host and the practical application of laboratory procedures for detection and identification. Also included is safety, specimen collection, preservation, transport, methods of identification and therapy. Prerequisites: BIOL 2211K, admission into the MLT program or permission of the program director. Offered: Summer; online and traditional options.

MLTS 1300. Introduction to Histology. (3 Credits)
This course emphasizes the introductory study of basic histology. Structure and identification of tissue systems and organs is emphasized at the cellular level. The laboratory component is structured to enhance the student's knowledge of certain histological preparations of human and veterinary tissue. Identification of images is achieved through virtual microscopy. Prerequisite: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1310L. Histology I Lab. (1 Credit)
The course is a laboratory component complementary to MLTS 1310W. It is utilized to develop entry level skills required to perform non-staining histological procedures. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310W. Offered: Fall, Spring.

MLTS 1310W. Histology I. (3 Credits)
This course emphasizes some of the competencies required to perform routine histological procedures. These would include tissue fixation, principles and application of microtomy, embedding techniques, laboratory operations, decalcification, solution preparation, and processing. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1310L. Offered: Fall, Spring.

MLTS 1320L. Histology II Lab. (1 Credit)
The laboratory component of the course is utilized to develop skills required to perform routine and special stains. Students will identify and provide clinical correlation of routine and special stains. Prerequisites: Admission into the Histologic Technician program. Corequisite: MLTS 1320W. Offered: Fall, Spring.

MLTS 1320W. Histology II. (2 Credits)
This course emphasizes the fundamentals and clinical significance of routine and special histological staining procedures. The student will differentiate between different classes of special stains performed in a histology laboratory. Prerequisite: Admission into the Histologic Technician program. Corequisite: MLTS 1320L. Offered: Fall and Spring.

MLTS 1330. Histology III. (1 Credit)
Students practice histotechnology procedures in a supervised histology lab setting. The laboratory component of the course is utilized to develop skills and competencies required to perform routine and special histology procedures. Prerequisites: Admission into the Histologic Technician program. Offered: Fall, Spring.

MLTS 1340. Clinical Histology Externship. (5 Credits)
This course is the practicum designed to enhance and refine techniques taught in the first semester. Students are required to complete at least 300 clinical hours in an approved affiliate histology laboratory. Orientation to department and institutional policies and procedures is required. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Fall.

MLTS 1350. Histology V. (2 Credits)
A study of immunohistochemistry procedures and interpretations. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 1360. Histology VI. (1 Credit)
Various professional topics are presented for discussion including board exam reviews, professionalism, laboratory information systems, and management principles. Prerequisites: MLTS 1300, MLTS 1310L, MLTS 1310W, MLTS 1320L, MLTS 1320W, MLTS 1330. Offered: Spring, Summer.

MLTS 2010L. Medical Laboratory Technology III Lab. (2 Credits)
The laboratory component of the course develops the skills and competencies required to perform the diagnostic procedures in clinical microbiology. Prerequisite: BIOL 2211K. Corequisite: MLTS 2010W. Offered: Spring; online and traditional options.

MLTS 2010W. Medical Laboratory Technology III. (2 Credits)
This course presents a study of human clinical bacteriology including general bacteriology, aerobic gram-positive cocci, gram-negative bacilli, gram-negative cocci, gram-positive bacilli and anaerobes. Discussion is centered on the cultivation, methods of identification, antimicrobial susceptibility testing, serological diagnosis and correlation to disease states. Prerequisites: BIOL 2211K, admission into the MLT Program or permission of the program director. Corequisite: MLTS 2010L. Offered: Spring; online and traditional options.

MLTS 2020L. Medical Lab Technology IV Lab. (1 Credit)
The laboratory component is used to develop the skills and competencies required to operate and standardize the instruments utilized in the performance of chemical tests. The use of quality control is emphasized. Corequisite: MLTS 2020W. Offered: Summer; online and traditional options.

MLTS 2020W. Medical Laboratory Technology IV. (3 Credits)
An in-depth study of analytical techniques utilized to measure the biochemical entities of blood and various body fluids. The correlation of test results to human physiology and pathology is emphasized. Prerequisite: CHEM 1212K. Corequisite: MLTS 2020L. Offered: Summer; online and traditional options.

MLTS 2630. Medical Laboratory Technology Externship. (15 Credits)
Students are introduced to the clinical laboratory in an affiliate clinical laboratory setting. The students receive an orientation to each department and an introduction to hospital policies and procedures. Each student rotates through appropriate departments and is allowed to demonstrate and develop their skills and competencies in blood bank, hematology, microbiology, chemistry, phlebotomy and body fluid analysis under the supervision of the laboratory staff instructor. Prerequisites: MLTS 1160, MLTS 1161, MLTS 1182, MLTS 2010, MLTS 2020. Corequisite: MLTS 2670. Offered: Fall.

MLTS 2670. Seminars in Medical Laboratory Science. (1 Credit)
Seminar presentations on various topics related to medical laboratory science (topic reviews for board exams, professionalism, laboratory information systems, case presentations and/or other). Corequisite: MLTS 2630. Offered: Fall; online option only.

Mgmt Information Systems Tech (MIST)

MIST 2010. Fundamentals of Computer Applications. (3 Credits)
An introductory hands-on course designed to cover word processing, spreadsheets, database, presentations, e-mail and world wide web. Pre-requisites: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation of higher; MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into co-requisite remediation or higher. Offered: Fall, Spring, and Summer.

MIST 2040. Communication for Management. (3 Credits)
Applications of the principles of verbal and nonverbal communication. Management concepts of business ethics and problem analysis are integrated with communication process and theory. Prerequisites: ENGL 1101 or ENGL 1101E and ENGL 1102 Offered: Fall, Spring and Summer.

MIST 3090. Management Information Systems Framework. (3 Credits)
An introduction into understanding the various types of computer based Information Systems, including, but not limited to, Management Information Systems, Decision Support Systems, Office Automation Systems, Expert Systems and Executive Support Systems, as well as an emphasis on how these systems relate to managing organizations for increased efficiency and competitiveness. Prerequisite: BISE 2010. Offered: As needed.l.

MIST 3100. Information Systems Resource Management. (3 Credits)
Management techniques involved in records creation, inventory and analysis of active/inactive records maintenance. The course also provides a broad overview of managing information system resources. The course discusses increased efficiency and competitiveness. Prerequisite: Sophomore Standing Offered: Fall.

MIST 3330. Human-Computer Interaction and Innovation. (3 Credits)
This course is a study of development and implementation processes, tactics, and strategies based upon systems planning results. Special attention is devoted to the development of end-user support systems. Prerequisite: Sophomore Standing Offered: Fall.

MIST 3350. Data Networks and Security Management. (3 Credits)
An introduction to telecommunications in the business environment. Topics include telephone, data codes, protocols, network architecture, local area networks, communication media, hardware and software. Management issues and practical applications are integral parts of the course. Prerequisite: BISE 2010. Offered: Fall.

MIST 4205. Management Information Systems. (3 Credits)
An overview course designed to introduce students to the area of management information systems. It emphasizes concepts, components, and structures of information systems and their applications in business and managerial decision making. Prerequisite: BISE 2010. Offered as needed.

MIST 4206. Database Management Systems. (3 Credits)
An introduction to database management and its system implementation techniques, this course covers the structure of database management systems, database design, Entity-Relationship modeling, normalization, relational database system development and management using an industrial leading database system such as ORACLE. Optional topics may include object-oriented databases, distributed databases, database programming, and advanced database management issues. Prerequisite: BISE 2010. Offered: Fall and Spring. (Cross listed with MGMT 4206.)

MIST 4207. Systems Analysis & Design. (3 Credits)
Covers all major phases of a complete systems development life cycle (SDLC), business modeling techniques such as Entity-Relationship diagramming, data flow diagrams, and the use of Integrated Computer-Aided Software Engineering (I-CASE) tools to support systems development. Optional topics may include forms and report development using rapid applications development (RAD) tools, client/ server development, and web-based systems deployment. Prerequisite: BISE 2010 Offered: Fall and Spring (Cross-listed with MGMT 4207.)

MIST 4220. Special Topics and Research in Information. (3 Credits)
Designed to provide senior students with an opportunity to conduct research projects for publication in journals. Students will investigate new trends in Information Systems business and industry, Information Systems curricula, and Information Systems research. Prerequisite: Junior Standing Offered: Spring.

MIST 4240. Computer Programming in Business. (3 Credits)
This is an introductory course to computer programming using an object-oriented language; top-down design; structured programming; debugging; testing and implementation techniques. Business students will learn how to apply problem-solving skills via computer programming scenarios. Skills learned mau be transferrable to other computer programming courses. Prerequisite: MIST 2010.

MIST 4260. E-Commerce. (3 Credits)
The course investigates the evaluation, implementation, and disadvantages of electronic-commerce systems; and introduces students to the concepts of electronic commerce. Prerequisite: Junior Standing Offered: Spring.

Middle Grades Education (MGED)

MGED 3314. Mathematics in the Middle Grades. (3 Credits)
Basic concepts in algebra are stressed with emphasis placed upon a structural development of the real number system. This course offers a review of the real number system as well as a review of the Mathematics Curriculum normally found in Grades 4 – 8. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 3315. Curriculum Needs and Characteristics of the Middle School Child. (3 Credits)
This course is designed to provide pre-service teachers with an overview of the curriculum needs and characteristics of middle grade children, along with program rationale goals, principles of curriculum development, organizational designs and teaching strategies. The candidate must earn a minimum grade of 'C' to receive credit on the program of study for this course.

MGED 3326. Preadolescent Literature. (3 Credits)
This course is a survey of the types of literature appropriate for students in grades 4-8. Emphasis is placed upon extensive reading and evaluation of children's books as well as techniques for effective use in the classroom. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

MGED 4422. Social Studies in the Middle Grades. (3 Credits)
This course teaches principles and practices of teaching concepts and skills in Social Studies.

MGED 4423. Language Arts in the Middle Grades. (3 Credits)
This course is designed to give prospective teachers of middle grade students the knowledge and skills necessary to assist youth in becoming efficientin their use of the six linguistic skills of listening, speaking, reading writing, viewing (visually representing), and illustrating for the overall purpose of effective communication in our culturally diverse society. This in turn will ensure wise decision-making and responsible citizenship in our democratic society. As such, the course is an integrated overview of the principles, practices, and materials used in teaching language arts for verbal, non-verbal and written communication. Additionally, it offers prospective teachers the opportunity to assist certified teachers in the public schools.

MGED 4434. Science in Middle Grades. (3 Credits)
This course examines teaching strategies appropriate for middle grade students to understand physical and biological concepts. Problem-solving, lecture, and inquiry techniques are examined. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

MGED 4439. Reading in the Middle Grades. (3 Credits)
Course designed to focus attention on reading instruction as it relates to the particular needs of the early adolescent in the middle grades. The goal is to prepare prospective teachers to teach reading across the curriculum and as a separate subject.

MGED 4461. Student Teaching in Middle Grades. (12 Credits)
Observation and teaching for one semester under the direction of an approved supervising teacher in selected middle school centers. A seminar component is included.

MGED 4481. Internship in Middle Grades Education. (6 Credits)
Teaching middle school children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only.

MGED 4482. Intern II in Middle Grades. (6 Credits)
Teaching middle school children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only.

Military Science (MILS)

MILS 1111. Intro to Tactical Leadership. (1 Credit)

Introduces students to the personal challenges and competencies that are critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management related to

leadership, officership and the Army profession. The course places special emphasis on developing basic knowledge and understanding of Army leadership dimensions while gaining insight of the ROTC program, its purpose in the Army, and its advantages to the student.

MILS 1121. Intro to Tactical Leadership. (1 Credit)

An introduction to the leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. Students explore dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Continued emphasis is placed on recruitment and retention of students. The Cadre uses role modeling to facilitate building stronger relationships among the students through common experience and practical interaction which are critical aspects of the course.

MILS 2211. Innovative Team Leadership. (2 Credits)

Students explore the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team building are practiced planning, executing and assessing team exercises and participating in leadership labs. The focus continues to rank structure and duties as well as broadening knowledge of land navigation and squad tactics. Case studies will provide a tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the contemporary operating environment.

MILS 2221. Foundations of Tactical Leadership. (2 Credits)

Students examine the challenges of leading tactical teams in the complex contemporary operating environment (COE). This course highlights dimensions of terrain analysis, patrolling and operation orders. Continued study of the theoretical basis of the Army leadership framework explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self- awareness as they assess their own leadership styles and practice communication and team building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real world scenarios.

MILS 2901. Leadership Development. (2 Credits)

MILS 2901 examines the challenges of leading teams in the complex operational environment. The course highlights dimensions of terrain analysis, patrolling, and operational orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. MILS 2901 prepares Cadets for MSL 301. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. Case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios.

MILS 3311. Adaptive Team Leadership. (3 Credits)

Students are challenged to study, practice and evaluate adaptive team leadership skills as they are presented with the demands of the ROTC Leadership Development and Assessment Course (LDAC). Challenging scenarios related to small unit tactical operations are used to develop self-awareness and critical thinking skills. Students will receive systematic and specific feedback on their leadership abilities. This course is to integrate the principles and practices of effective leadership, military operations and personal development in order to adequately prepare for the summer Leadership Development Advanced Course (LDAC).

MILS 3321. Leadership in Changing Environments. (3 Credits)

Continues methodology of instructions from MILS 3310. Students continue to be challenged with various leadership roles requiring them to analyze tasks, prepare written and oral operation orders, issue guidance for team members to accomplish tasks, delegate tasks and supervise, classroom subjects continue to develop and reinforce the Army's 16 leadership dimensions, leadership styles, motivation and counseling techniques, and small unit patrolling and defensive operations. This course uses tough realistic scenarios related to small unit tactical operations to evaluating adaptive leadership skills develop, self-awareness and critical thinking skills as related to the demands of the ROTC Leader Development Assessment Course (LDAC).

MILS 4411. Developing Adaptive Leaders. (3 Credits)

Develops student proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff and providing performance feedback to subordinates. The cadet is given situational member opportunities to assess risk, make ethical decisions and lead fellow ROTC cadets. The cadet receives lessons on military justice and personnel processes which better prepares to make the transition to becoming an Army Officer. The cadets are provided opportunities to lead cadets at lower levels, both in a classroom and battalion leadership experiences are designed to prepare the cadet for their first unit of assignment. You will identify responsibilities of key staff, coordinate staff roles, and use battalion operation situations to teach, train and develop subordinates.

MILS 4421. Leadership in a Complex World. (3 Credits)

Capstone course for all military science courses. The course is conducted as a seminar and prepares senior cadets for their transition to commission officer. The students will explore the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). You will examine differences in customs and courtesies, military law, principles of war and rules of engagement in the face of international terrorism. You will explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing you for BOLC II and III and your first unit of assignment. It uses case studies, scenarios, and "What Now, Lieutenant?" exercises to prepare you to face the complex ethical and practical demands of leading as a commissioned officer in the United States Army.

MILS 4901. Advanced Leadership Development. (3 Credits)

MSL 4901 explores the dynamics of leading in the complex situations of current military operations in the full spectrum operations (FSO). You will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. You also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. This course places significant emphasis on preparing you for BOLC B, and your first unit of assignment. It uses case studies, scenarios, and "What Now, Lieutenant?" exercises to prepare you to face the complex ethnical and practical demands of leading as a commissioned officer in the United States Army.

Modern Languages (MDLG)

MDLG 2206. Introduction to Descriptive Linguistics. (3 Credits)

A scientific approach to language as one aspect of human behavior reflecting individual, social and cultural personality, analyzed according to its internal structure through elements of expression, phonemes, morphemes and syntax. Special attention to given to the structure of English.

MDLG 2260. Intro to Descript Linguistic. (3 Credits)

A scientific approach to language as one aspect of human behavior reflecting individual, social and cultural personality, analyzed according to its internal structure through elements of expression, phonemes, morphemes and syntax. Special attention given to the structure of English.

Modern Languages (YORB)

YORB 1001. Elementary Yoruba I. (3 Credits)
Introduction to the Yoruba language and culture and general Nigerian culture. Emphasis on elements of Yoruba through oral and written exercises, pronunciation, conversation and reading, culture, geography and daily living.

YORB 1002. Elementary Yoruba II. (3 Credits)
The second course in the Elementary Yoruba sequence, this course continues emphasis on oral and written exercises, pronunciation, conversation, reading, culture, geography and daily living. Prerequisite: YORB 1001.

Music (MUSC)

MUSC 1001. Class Piano I. (1 Credit)
Must be enrolled in one of the following Major(s):.....Music For those who did not qualify for college-level piano study, and for voice and instrumental music majors who do not meet the requirements fo MUSC 1004. Emphasizes rudiments of piano technique, keyboard, harmonization and transposition. Departmental approval.

MUSC 1002. Class Piano II. (1 Credit)
For those who did not qualify for college-level piano study, and for voice and instrumental music majors who do not meet the requirements for MUSC 1004. Emphasizes rudiments of piano technique, keyboard, harmonization and transposition, and intensive sight-reading drills. Prerequisite: MUSC 1001.

MUSC 1004. Functional Piano Class. (1 Credit)
Primarily for majors in voice or instrumental music. Others who qualify may take the course with permission of the instructor. Emphasizing development of technique, harmonization, transposition and sight reading to the level at which it can be used as an efficient tool in school music teaching. Prerequisite: MUSC 1002.

MUSC 1005. Functional Piano Class. (1 Credit)
Primarily for majors in voice or instrumental music. Others who qualify may take the course with permission of the instructor. Emphasizing development of technique, harmonization, transposition, and sight reading to the level at which it can be used as an efficient tool in school music teaching. Prerequisite: MUSC 1002.

MUSC 1007. Concert and Recitals Attendance. (0 Credits)
Each student registered for this course must attend 80% of the designated concerts and/or master classes (in which he or she is not a performer), chosen from a list posted in the Fine Arts Department office at the beginning of each semester.

MUSC 1021. Elementary Harmony and Musicianship. (3 Credits)
Must be enrolled in one of the following Major(s):Music. Basic training in fundamentals, terminology, and principles of music theory. Beginning study of diatonic harmony, part- writing, composition and analysis. Also includes keyboard harmony. Required of all music majors. Departmental Approval.

MUSC 1022. Elementary Harmony and Musicianship. (3 Credits)
Basic training in fundamentals, terminology, and principles of music theory. Beginning study of diatonic harmony, part- writing, composition and analysis. Also includes key- board harmony. Required of all music majors. Prerequisite(s): MUSC 1021 US C.

MUSC 1070. College Orchestra I. (1 Credit)
This course involves the study, rehearsal, and concert performance of literature for orchestra. Repertory includes wide range of orchestral music representing all styles and periods. Repertory is consistent with proficiency levels of participants, but is challenging. May be taken each semester and repeated for credit. This class meets the large performance ensemble requirements for orchestral string students. Additional rehearsals may be announced by the instructor. Prerequisite: Ability to play an orchestral instrument at college level. Offered: Fall and Spring.

MUSC 1071. Applied Piano. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with piano as their principal instrument. Non-majors who qualify may be accepted. Previous piano instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1072. Applied Piano. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with piano as their principal instrument. Non-majors who qualify may be accepted. Previous piano instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Departmental approval.

MUSC 1100. Music Appreciation. (3 Credits)
General education course for non-music majors. Study of the basic materials of music and a survey of important examples of music literature, style periods, and representative composers from the sixth century to the present day. Emphasizes techniques for listening analytically and critically.

MUSC 1111. Voice Class. (1 Credit)
Group vocal instruction. Includes study and development of basic principles of healthy singing: breathing, tone production, diction, proper habits of posture. Stage presence and deportment are also emphasized. Required of all instrumental music and piano majors. May be taken by non-music majors.

MUSC 1112. Voice Class. (1 Credit)
Group vocal instruction. Includes study and development of the basic principles of healthy singing: breathing, tone production, diction, proper habits of posture. Stage presence and deportment are also emphasized. Required of all instrumental music and piano majors. May be taken non-music majors.

MUSC 1113. Class Voice. (1 Credit)
Class singing instruction designed for students who have little or no prior individual vocal instruction. The class introduces the student to beginning vocal technique in such areas as posture, breath management, correct vowel formation, English and Italian diction, rhythm, and pitch. The course also includes instruction in practicing and preparing songs for public performance. Students are expected to sing individually as well as with the group during class time and for the final exam. All music will be performed during class or during the scheduled final exam. No public performance is required. Students may repeat this class for credit until they complete the objectives of the course. Class voice does not satisfy the applied music requirement for a degree in music. Prerequisite : None. Corequisite : None. Offered: Fall, Spring.

MUSC 1115. Class Piano/Non-Majors (Beg). (1 Credit)

MUSC 1120. Class (begiinning) Guitar for. (3 Credits)

MUSC 1123. Introduction to World Music. (2 Credits)
Primarily for music education majors, this course may be taken by others who have passed MUSC 1100. Introduction and general survey of music of the world's cultures.

MUSC 1133. Introduction to Music Literature. (3 Credits)
Primarily for music majors, this course may be taken by others who have some musical background and have passed MUSC 1100. Intensive study of the principal forms and styles in music from the Renaissance to the present and focuses on score study, and analytical and critical listening. Prerequisite: MUSC 1022.

MUSC 1141. Applied Voice. (1 Credit)
Must be enrolled in one of the following Major(s): Music Intensified private vocal instruction for music majors with voice as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Departmental approval.

MUSC 1142. Applied Voice. (1 Credit)
Must be enrolled in one of the following Major(s): Music Intensified private vocal instruction for music majors with voice as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Departmental approval.

MUSC 1151. The College Chorale. (1 Credit)

MUSC 1152. Instrumental Ensemble. (1 Credit)
A performing ensemble open to college students and community members. Repertoire includes all types of traditional selections in accordance with proficiency levels of participants, but is challenging. Prerequisite: Audition or approval of instructor. Corequisite: Enrollment in MUSC 1070 College Orchestra 1, MUSC 2070 College Orchestra 2, MUSC 1080 College Band 1, or MUSC 2080 College Band 2. Offered: Fall, Spring.

MUSC 1154. Concert Band. (1 Credit)

MUSC 1160. Jazz Band. (1 Credit)
A laboratory for students to acquire experience in jazz ensemble performance styles of the music from the Big Band and Swing Era to the present. Students also explore their talents for arranging, composing and conducting jazz music. Audition.

MUSC 1170. Vocal Jazz Ensemble. (1 Credit)
Laboratory for vocal students to gain performing experience in the various styles of pop and jazz singing, as well as expanding their knowledge of the vocal performance literature. Audition.

MUSC 1171. Class Piano. (1 Credit)
Designed to enable the music major to sucessfully complete the piano proficiency exam required for graduation. Students should enroll in MUSC 1171 in successive semesters until all items of the exam are complete. Only music majors may enroll.Prerequisite: None. Offered: All semesters.

MUSC 1172. Sight-Singing/Ear Training. (1 Credit)
This course is designed to develop sight-singing skills involving ear-training and rhythmic studies. Course components include sight-singing, melodic and harmonic dictation, and rhythmic exercises. Students are expected to sing with the class and alone as assigned. This course is designed to enable the music major to successfully complete the sight-singing/ear training proficiency exam required for graduation. The student should enroll in MUSC 1172 in successive semesters until all items of the proficiency exam are completed. Prerequisite: None. Corequisite: None. Offered: All semesters.

MUSC 1180. Concert Chorale. (1 Credit)
The choir consists of 30-50 students selected by audition. Concentration on choral literature for mixed voices from all periods of music history, including sacred, secular, art music and folk music. Regular on and off-campus performances and in and out of state tours. Open to all university students who can qualify by audition.

MUSC 1185. Chamber Singers. (1 Credit)
Small, highly select chamber ensemble of 12-16 students who sing advanced literature from all periods of music history appropriate for the size and nature of the group. Open to any university student who can qualify by audition. Extensive performance opportunities: concerts, festivals and competitions. However, due to the small number of voices assigned to each part, acceptance into the ensemble is competitive. Prerequisite: Audition.

MUSC 1190. Marching Band. (1 Credit)
Approximately 100-130 students. Provides musical support for athletic events, parades, etc. during the fall semester. Open to all students who can qualify by audition. Students are advised to bring their own instruments; however, some instruments are provided by the department. Prerequisite: Audition.

MUSC 1200. Concert Band. (1 Credit)
Approximately 40-50 students, selected by audition, the ensemble provides the opportunity for students to study and perform the best literature for concert and symphonic bands. Students may earn up to four semester hours for participation, with extensive opportunity for travel. Offered second semester. Prerequisite: Audition.

MUSC 1201. Symphonic Band. (1 Credit)
Introduction to wind band literature through rehearsal and performance, as well as a course in developing the technical skills necessary to perform this literature.

MUSC 1210. Opera/Musical Theater Workshop. (1 Credit)
May be taken by music majors and non-majors who qualify by audition. Workshop experience in opera and/or musical theater performance and performance principles. Includes study in acting, singing, stage deportment, and the technical aspects of musical production. Culminating course project-production and presentation of scenes, acts, and/or entire work. Prerequisite: Audition.

MUSC 1311. Applied Violin. (1 Credit)
Must be enrolled in one of the following Major(s): Music For music majors with violin as their principle instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1312. Applied Violin. (1 Credit)
Must be enrolled in one of the following Major(s): Music For music majors with violin as their principle instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1321. Applied Viola. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with viola as their principle instrument. Non-majors who qualify may be accepted. Previous viola instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1322. Applied Viola. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with viola as their principle instrument. Non-majors who qualify may be accepted. Previous viola instruction is required and student must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1331. Applied Cello. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with cello as their principle instrument. Non-majors who qualify may be accepted. Previous cello instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1332. Applied Cello. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1341. Applied String Bass. (1 Credit)
For music majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required and student must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 1342. Applied String Bass. (1 Credit)
For music majors with string bass as their principle instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 1441. Applied Clarinet. (1 Credit)
Written departmental approval is required.

MUSC 1442. Applied Clarinet. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private clarinet instruction for music majors with clarinet as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1443. Applied Oboe. (1 Credit)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted with instructor's approval. Previous oboe instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 1444. Applied Oboe. (1 Credit)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted with instructor's approval. Previous oboe instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 1445. Applied Flute. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private flute instruction for music majors with flute as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1446. Applied Flute. (1 Credit)
Must be enrolled in one of the following Major(s): Music Intensified private flute instruction for music majors with flute as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1447. Applied Bassoon. (1 Credit)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study.

MUSC 1448. Applied Bassoon. (1 Credit)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required and students must demonstrate sufficient proficiency for acceptance at this course elvel. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study.

MUSC 1471. Applied Saxaphone. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. For music majors with saxophone as their principal instrument. Non-majors who qualify may be accepted. Previous saxophone instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1472. Applied Saxaphone. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. For music majors with saxophone as their principal instrument. Non-majors who qualify may be accepted. Previous saxophone instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1511. Applied Trumpet. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. For music majors with the trumpet as their principal instrument. Non-majors who qualify may be accepted. Previous trumpet instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1512. Applied Trumpet. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. For music majors with the trumpet as their principal instrument. Non-majors who qualify may be accepted. Previous trumpet instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1541. Applied Trombone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the trombone as their principal instrument. Nonmajors who qualify may be accepted. Previous trombone instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1542. Applied Trombone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Written departmental approval is required.

MUSC 1611. Applied Percussion. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private percussion instruction for music majors with percussion as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1612. Applied Percussion. (1 Credit)
Must be enrolled in one of the following Major(s): Music Intensified private percussion instruction for music majors with percussion as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1641. Applied Euphonium. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the baritone horn as their principal instrument. Nonmajors who qualify may be accepted. Previous baritone horn instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1642. Applied Euphonium. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the baritone horn as their principal instrument. Nonmajors who qualify may be accepted. Previous baritone horn instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1711. Applied French Horn. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the French horn as their principal instrument. Nonmajors who qualify may be accepted. Previous French horn instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continuedmastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1712. Applied French Horn. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with the French horn as their principal instrument. Nonmajors who qualify may be accepted. Previous French horn instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1741. Applied Tuba. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private tuba instruction for music majors with tuba as their principal instrument. Non-majors who qualify may be accepted. Student must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1742. Applied Tuba. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private tuba instruction for music majors with tuba as their principal instrument. Non-majors who qualify may be accepted. Student must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1811. Applied Organ. (1 Credit)
Must be enrolled in one of the following Major(s): Intensified private organ instruction for music majors with organ as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1812. Applied Organ. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private organ instruction for music majors with organ as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1911. Applied Guitar. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private guitar instruction for music majors with guitar as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 1912. Applied Guitar. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Intensified private guitar instruction for music majors with guitar as their principal instrument. Non-majors who qualify may be accepted. Students must, via an audition, demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Written departmental approval is required.

MUSC 2000. Music Seminar. (1 Credit)
Lectures, panel discussions, and performances by faculty, students, and guest personalities provide a unique network for exposure to all facets of music. Two semesters required. Prerequisite: MUSC 1022.

MUSC 2007. Applied Piano. (1 Credit)
Continuation of private piano instruction at the sophomore level. Prerequisite(s): MUSC 1071, 1072.

MUSC 2010. Introduction to Music Education. (1 Credit)
A survey of the music education profession geared toward giving the music educatin candidate an overview of the field. Explpres the teaching of K-12 general, choral and instrumental music in the public school settings. Laboratory experience provided. 30 observation hours required.

MUSC 2021. Intermediate Harmony and Musicianship. (3 Credits)
Continuation of training in diatonic and chromatic harmony, partwriting, composition and analysis. Keyboard harmony also emphasized. Prerequisite: MUSC 1022.

MUSC 2022. Intermediate Harmony and Musicianship. (3 Credits)
Continuation of training in diatonic and chromatic harmony, partwriting, composition and analysis. Keyboard harmony also emphasized. Prerequisite: MUSC 2021.

MUSC 2024. Composititon. (3 Credits)
Introductory study of composition for students who may desire to pursue the subject in a more advanced and detailed manner. Prerequisite: MUSC 2022 or concurrent enrollment.

MUSC 2070. College Orchestra 2. (1 Credit)
This course involves the study, rehearsal, and concert performance of literature for orchestra. This course involves a performance ensemble open to college students and community members. Repertory is consistent with proficiency levels of participants, but is challenging. May be taken for two semesters after successful completion of two semesters of College Orchestra 1, MUSC 1070. Required of string majors as their performance ensemble during enrollment. Additional rehearsals may be announced by the instructor. Prerequisites: Completion of two semesters of MUSC 1070. Corequisite: None. Offered: Fall, Spring.

MUSC 2071. Applied Piano. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private piano instruction at the sophomore level. Prerequisite(s): MUSC 1071, 1072.

MUSC 2072. Applied Piano. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private piano instruction at the sophomore level. Prerequisite(s): MUSC 1071, 1072.

MUSC 2131. Hip Hop and American Culture. (3 Credits)
Hip hop has become one of the most dominant cultural forces this world has ever seen. Its popularity is globally recognized and it has interacted with music(s) and cultures worldwide. Over the last 3 decades, it was born in New York City, raised in the United States, and has moved out on its own to explore the world. It has transcended the realm of music and entered the worlds of visual art, cinema, advertising, fashion, politics, and beyond. Its growth has paralleled and interacted with the growth of the internet, and technology and hip hop have fueled each other along the way, developing a mutually beneficial relationship.

MUSC 2141. Applied Voice. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private instruction in voice at the sophomore level. Prerequisite(s): MUSC 1141, 1142.

MUSC 2142. Applied Voice. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private instruction in voice at the sophomore level. Prerequisite(s): MUSC 1141, 1142.

MUSC 2171. Diction for Singers. (2 Credits)
Diction fo rsingers is an introductory study of foreign language dictin for singers and teachers for singers. Latin, Italian, French and German pronunciation skills weill be gained (1) through study of the international phonetic alphabet, (2) through intensive pronunciation drills, and (3) through practical application to current and assigned song literature.

MUSC 2250. The Understanding of Music. (3 Credits)

MUSC 2280. Computer Generated Music. (2 Credits)
The development of practical experience with analog and digital synthesizer programming, computer assisted synthesizer programming and computer based MIDI sequencing. Exposes students to current capabilities of technology as they relate to programming a song, instrumentation and teaching. Prerequisite: MUSC 2022.

MUSC 2311. Applied Violin. (1 Credit)
For music majors with violin as their principle instrument. Non-majors who qualify may be accepted. Previous saxophone instructin is required and students must demostrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 2312. Applied Violin. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with violin as their principle instrument. Non-majors who qualify may be accepted. Previous violin instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1311, 1312.

MUSC 2321. Applied Viola. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with viola as their principle instrument. Non-majors who qualify may be accepted. Previous viola instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1321, 1322.

MUSC 2322. Applied Viola. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with viola as their principle instrument. Non-majors who qualify may be accepted. Previous viola instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1321, 1322.

MUSC 2331. Applied Cello. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1331, 1332.

MUSC 2332. Applied Cello. (1 Credit)
Must be enrolled in one of the following Major(s): Music. For music majors with cello as their principle instrument. Non-majors who qualify may be accepted. Previous cello instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisites: MUSC 1331, 1332.

MUSC 2341. Applied String Bass. (1 Credit)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1342.

MUSC 2342. Applied String Bass. (1 Credit)
For music majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1342.

MUSC 2410. Band Techniques. (3 Credits)
Designed to acquaint the student with materials, procedures and techniques for the development of interest and basic music skills in elementary and junior high school students. The materials, procedures and techniques studied are necessary to the development of a school instrumental program.

MUSC 2441. Applied Clarinet. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private applied clarinet at the sophomorelevel. Prerequisites: MUSC 1441, 1442.

MUSC 2442. Apllied Clarinet. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private applied clarinet at the sophomore level. Prerequisites: MUSC 1441, 1442.

MUSC 2443. Applied Oboe. (1 Credit)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required, and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1441.

MUSC 2444. Applied Oboe. (1 Credit)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required, and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1441.

MUSC 2445. Applied Flute. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private applied flute at the sophomore level. Prerequisite: MUSC 1445, 1446.

MUSC 2446. Applied Flute. (1 Credit)
Must be enrolled in one of the following Major(s): Music Continuation of private applied flute at the sophomore level. Prerequisites: MUSC 1445, 1446.

MUSC 2447. Applied Flute. (1 Credit)

MUSC 2448. Applied Bassoon. (1 Credit)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 1448.

MUSC 2471. Applied Saxophone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private applied study in saxophone at the sophomore level. Prerequisites: MUSC 1471, 1472.

MUSC 2472. Applied Saxophone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private applied study in saxophone at the sophomore level. Prerequisites: MUSC 1471, 1472.

MUSC 2511. Applied Trumpet. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of trumpet at the sophomore level. Prerequisites: MUSC 1511, 1512.

MUSC 2511E. Applied Trumpet. (1 Credit)

MUSC 2512. Applied Trumpet. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study in trumpet at the sophomore level. Prerequisite: MUSC 1511, 1512.

MUSC 2541. Applied Trombone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of trombone at the sophomore level. Prerequisites: MUSC 1541, 1542.

MUSC 2542. Applied Trombone. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of trombone at the sophomore level. Prerequisites: MUSC 1541, 1542.

MUSC 2611. Applied Percussion. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Continued study of private, applied percussion at the sophomore level. Prerequisites: MUSC 1611, 1612.

MUSC 2612. Applied Percussion. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Continued study of private, applied percussion at the sophomore level. Prerequisites: MUSC 1611, 1612.

MUSC 2641. Applied Euphonium. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of baritone horn at the sophomore level. Prerequisites: MUSC 1641, 1642.

MUSC 2642. Applied Euphonium. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of baritone horn at the sophomore level. Prerequisites: MUSC 1641, 1642.

MUSC 2711. Applied French Horn. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of French horn at the sophomore level. Prerequisites: MUSC 1711, 1712.

MUSC 2712. Applied French Horn. (1 Credit)
Must be enrolled in one of the following Major(s): Music. Continuation of private, applied study of French horn at the sophomore level. Prerequisites: MUSC 1711, 1712.

MUSC 2741. Applied Tuba. (1 Credit)
Must be enrolled in one of the following Major(s): Continued study of private, applied tuba at the sophomore level. Prerequisites: MUSC 1741, 1742.

MUSC 2742. Applied Tuba. (1 Credit)
Must be enrolled in one of the followingMajor(s):Music. Continued study of private, applied tuba at the sophomore level. Prerequisites: MUSC 1741,1742.

MUSC 2811. Applied Organ. (1 Credit)
Continuation of private, applied study of organ at the sophomore level. Prerequisites: MUSC 1811, 1812.

MUSC 2812. Applied Organ. (1 Credit)
Continuation of private, applied study of organ at the sophomore level. Prerequisites: MUSC 1811, 1812.

MUSC 2911. Applied Guitar. (1 Credit)
Continuation of private, applied study of guitar at the sophomore level. Prerequisites: MUSC 1911, 1912.

MUSC 2912. Applied Guitar. (1 Credit)
Continuation of private, applied study of guitar at the sophomore level. Prerequisites: MUSC 1911, 1912.

MUSC 3000. Junior Recital. (1 Credit)
Must be enrolled in one of the following Major(s): Music. May be performed by music majors for credit. Recital must be approved by student's applied instructor. A preliminary recital hearing must be given before music faculty and approved at least six weeks before official recital can be presented. Departmental approval.

MUSC 3021. Counterpoint. (3 Credits)
Basic training in 16th and 18th century counterpoint. Introduction and study of the fundamentals and principles of the respective periods. Also involves musical analysis, part-writing and composition in both musical styles. Prerequisite: MUSC 2022.

MUSC 3022. Form and Anaylsis I. (3 Credits)
Study of the formal structure of music from the Classical and Romantic Periods using representative works from the respective periods. Involvesharmonic, melodic and structural analysis, and composition. Prerequisite: MUSC 2022.

MUSC 3023. Form and Anaylsis II. (3 Credits)
Study of the formal structures in music of the 20th century using representative works of the period. Involves harmonic, melodic and structural analysis, as well as composition. Prerequisite: MUSC 2022.

MUSC 3024. Instrumentation and Orchestration. (3 Credits)
A study of ranges, transposition, technical limitations and color combinations of standard band and orchestral instruments. Involves core analysis and scoring of short compositions for band and small ensembles. Prerequisite: MUSC 2022.

MUSC 3026. Jazz Improvisation. (2 Credits)
Study of materials of improvisation, choral functions, ear training, chord progressions and improvisational styles of outstanding performers. Prerequisite: MUSC 2022.

MUSC 3050. Brasswinds Class. (1 Credit)
Study of the structure, principles of tone production and elementary playing techniques of brass wind instruments including proper care of these instruments. Prerequisite: MUSC 1022.

MUSC 3058. Brass Ensemble. (1 Credit)
Open only to junior level players for credit. Open without credit to others having the necessary proficiency. Study and performance of the best music literature for small combinations of brass instruments.

MUSC 3059. Brass Ensemble. (1 Credit)
Open only to junior level players for credit. Open without credit to others having the necessary proficiency. Study and performance of the best music literature for small combinations of brass instruments.

MUSC 3071. Applied Piano. (2 Credits)
Junior level applied piano. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2071, 2072 and audition.

MUSC 3071E. Applied Piano. (1 Credit)
Junior level applied piano. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisite(s): MUSC 2071 US C and MUSC 2072 US C.

MUSC 3072. Applied Piano. (2 Credits)
Junior level applied piano. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2071, 2072 and audition.

MUSC 3072E. Applied Piano. (1 Credit)
Junior level applied piano. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisite(s): MUSC 2071 US C and MUSC 2072 US C.

MUSC 3125. History of Jazz. (3 Credits)
The study of jazz from its beginning African heritage, with emphasis on jazz development and such influences as minstrel show music, work songs, ragtime, dixieland, blues, and popular music. Prerequisite: MUSC 2022.

MUSC 3126. Survey of Music Industry I. (3 Credits)
The purpose of this course is to acquaint students to the structure of the music and entertainment industries with an emphasis on contemporary business practices. Topics include careers in the recording and performing fields, retail music merchandising, publishing, songwriting and arranging, professional organizations, unions, copyright law, career development, and other related issues.

MUSC 3127. Popular Music in the US. (3 Credits)
This is a survey course that focuses on the intersections of American popular/commercial music practices and relevant historical events from the late 1800s until the present. The course materials provide a window to various music eras with the context of their unique time and place.

MUSC 3133. Music History and Literature. (3 Credits)
Chronological survey of music history, musical forms and music literature from ancient to modern times. MUSC 3133 moves from classical antiquity to 1750; MUSC 3134 covers music from 1750 to the 20th century. Prerequisite(s): MUSC 1133 US C and MUSC 2022 US C.

MUSC 3134. Music History and Literature II. (3 Credits)
Chronological survey of music history, musical forms and music literature from ancient to modern times. MUSC 3133 moves from classical antiquity to 1750; MUSC 3134 covers music from 1750 to the 20th century. Prerequisite(s): MUSC 1133 US C and MUSC 2022 US C.

MUSC 3141. Applied Voice. (2 Credits)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2141, 2142.

MUSC 3141E. Applied Voice. (1 Credit)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSIC 2142 and audition.

MUSC 3142. Applied Voice. (2 Credits)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2141, 2142.

MUSC 3142E. Applied Voice. (1 Credit)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2141, 2142.

MUSC 3143E. Applied Voice. (1 Credit)
Junior level applied voice. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2141, 2142.

MUSC 3162E. Applied Perucussion. (1 Credit)
Junior level applied percussion. Majors be accepted, via juried audition, into the junior level applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2611, 2612.

MUSC 3171. Vocal Methods. (1 Credit)
Primarily for voice and piano majors. Methods and procedures for the attainment of superior vocal and choral singing. Extensive practice in sight-singing, choral conducting, and diction. Vocal and choral literature are also emphasized. Required of voice and piano majors. Prerequisite: MUSC 2022.

MUSC 3172. Choral Techniques. (2 Credits)
Designed to acquaint the student with materials, procedures, and techniques for implementing a successful choral program at the middle school or high school level.

MUSC 3230. Woodwinds Class. (1 Credit)
Study of the structure, principles of tone production and elementary playing techniques of woodwind instruments; reed-making and proper care of these instruments.

MUSC 3280. Computer Generated Music. (2 Credits)
The development of practical experience with analog and digital synthesizer programming, computer assisted synthesizer programming, and computer based MIDI sequencing. Exposes students to current capabilities of technology as they relate to programming a song, instrumentation, and teaching. Prerequisite: MUSC 2022.

MUSC 3281. Woodwind Ensemble. (1 Credit)
Open only to junior level players for credit. Open without credit to others having the necessary proficiency. Study and performance of the best music literature for small combinations of woodwind instruments.

MUSC 3282. Woodwind Ensemble. (1 Credit)
Open only to junior level players for credit. Open without credit to others having the necessary proficiency. Study and performance of the best music literature for small combinations of woodwind instruments.

MUSC 3311. Applied Violin. (2 Credits)
For music majors with violin as their principal instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2312.

MUSC 3311E. Applied Violin. (1 Credit)
For music education majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2312.

MUSC 3312. Applied Violin. (2 Credits)
For music majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2312.

MUSC 3312E. Applied Violin. (2 Credits)
For music education majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2312.

MUSC 3321. Applied Viola. (2 Credits)
For music majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2322.

MUSC 3321E. Applied Viola. (1 Credit)
For music education majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2322.

MUSC 3322. Applied Viola. (2 Credits)
For music majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2322.

MUSC 3322E. Applied Viola. (1 Credit)
For music education majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2322.

MUSC 3331. Applied Cello. (2 Credits)
For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2332.

MUSC 3331E. Applied Cello. (1 Credit)
For music education majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2332.

MUSC 3332. Applied Cello. (2 Credits)
For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2332.

MUSC 3332E. Applied Cello. (1 Credit)
For music education majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2332.

MUSC 3341. Applied String Bass. (2 Credits)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 3341E. Applied String Bass. (1 Credit)
For music education majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 3342. Applied String Bass. (2 Credits)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 3342E. Applied String Bass. (1 Credit)
For music education majors with string bass as their principlal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 3441. Applied Clarinet. (2 Credits)
Junior level applied clarinet. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2441, 2442.

MUSC 3441E. Applied Clarinet. (1,2 Credits)
Junior level applied clarinet. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2441, 2442.

MUSC 3442. Applied Clarinet. (2 Credits)
Junior level applied clarinet. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2441, 2442.

MUSC 3442E. Applied Clarinet. (1,2 Credits)
Junior level applied clarinet. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2441, 2442.

MUSC 3443. Applied Oboe. (2 Credits)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required, and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Prerequisite: 2444.

MUSC 3443E. Applied Oboe. (1 Credit)
For music education majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required, and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Prerequisite: 2444.

MUSC 3444. Applied Flute. (2 Credits)

MUSC 3444E. Applied Oboe. (1 Credit)
For music majors with oboe as their principle instrument. Non-majors who qualify may be accepted with instructor's approval. Previous oboe instruction is required and students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study.

MUSC 3445. Applied Flute. (2 Credits)
Junior level applied flute. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2445, 2446.

MUSC 3445E. Applied Flute. (1 Credit)
Applied lesson for music education majors. All junior level lesson requirements apply. Prerequisite(s): MUSC 2445 US C and MUSC 2446 US C.

MUSC 3446. Applied Flute. (2 Credits)
Junior level applied flute. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2445, 2446.

MUSC 3446E. Applied Flute. (1 Credit)
Applied lesson for music education majors. All junior level requirements apply. Prerequisite(s): MUSC 2445 US C and MUSC 2446 US C.

MUSC 3447. Applied Bassoon. (2 Credits)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2448.

MUSC 3447E. Applied Bassoon. (1 Credit)
For music education majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2448.

MUSC 3448. Applied Bassoon. (2 Credits)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2448.

MUSC 3448E. Applied Bassoon. (1 Credit)
For music education majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2448.

MUSC 3471. Applied Saxaphone. (2 Credits)
Junior level applied saxophone. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2471, 2472.

MUSC 3471E. Applied Saxophone. (1 Credit)
Junior level applied saxophone. Majors must be accepted, via juried audition, into the junior level of applied instrucion. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2472 and audiiton.

MUSC 3472. Applied Saxaphone. (2 Credits)
Junior level applied saxophone. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites:MUSC 2471, 2472.

MUSC 3472E. Applied Saxophone. (1 Credit)
Junior level applied saxophone. Music education majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level.

MUSC 3511. Applied Trumpet. (2 Credits)
Junior level applied trumpet. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2511, 2512.

MUSC 3511E. Applied Trumpet. (1 Credit)
Junior level applied lessions for music education majors. All prerequisites apply.

MUSC 3512. Applied Trumpet. (2 Credits)
Junior level applied trumpet. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2511, 2512.

MUSC 3512E. Applied Trumpet. (1 Credit)
Junior level applied lessions for music education majors. All prerequisites apply.

MUSC 3541. Applied Trombone. (2 Credits)
Junior level applied trombone. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2541, 2542.

MUSC 3541E. Applied Trombone. (1 Credit)
Junior level applied for music education major. All lesson prerequisites apply.

MUSC 3542. Applied Trombone. (2 Credits)
Junior level applied trombone. Majors be accepted, via juried audition, into junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2541, 2542.

MUSC 3542E. Applied Trombone. (1 Credit)
Junior level applied for music education major. All lesson prerequisites apply.

MUSC 3600. Percussion Class. (1 Credit)
Study of the structure, principles of tone production and elementary playing techniques of percussion instruments, including proper care of these instruments. Prerequisite: MUSC 1022.

MUSC 3611. Applied Percussion. (2 Credits)
Junior level applied percussion. Majors must accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2611, 2612.

MUSC 3611E. Applied Percussion. (1 Credit)
Junior level applied percussion. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites MUSIC 2612 and audition.

MUSC 3612. Applied Percussion. (2 Credits)
Junior level applied percussion. Majors must accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2611, 2612.

MUSC 3612E. Applied Percussion. (1 Credit)
Junior level applied percussion. Majors must be accepted, via juried audition, into the junior level of applied instruciton. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2612 and audition.

MUSC 3641. Applied Euphonium. (2 Credits)
Junior level applied baritone horn. Majors be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2641, 2642.

MUSC 3641E. Applied Euphonium. (1 Credit)
Junior level applied music education majors. All lesson prerequisites apply.

MUSC 3642. Applied Euphonium. (2 Credits)
Junior level applied baritone horn. Majors must be accepted, via juried audition, into the junior level applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2641, 2642.

MUSC 3642E. Applied Euphonium. (1 Credit)
Junior level applied music education majors. All lesson prerequisites apply.

MUSC 3681. Percussion Ensemble. (1 Credit)
Primarily for percussion majors. Open to others having the necessary proficiency. Study and performance of music for various combinations of instruments in various styles for the rounding out of training in performance through small group playing experience.

MUSC 3682. Percussion Ensemble. (1 Credit)
Primarily for percussion majors. Open to others having the necessary proficiency. Study and performance of music for various combinations of instruments in various styles for the rounding out of training in performance through small group playing experience.

MUSC 3700. Strings Class. (1 Credit)
Study of the structure, principles of tone production and elementary playing techniques of several stringed instruments. Various types of bowing are studied as well as proper care of the instruments. Prerequisite: MUSC 1022.

MUSC 3711. Applied French Horn. (2 Credits)
Junior level applied French horn. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2711, 2712.

MUSC 3711E. Applied French Horn. (1 Credit)
Junior level applied French horn. Majors must be accepted, via juried audition, into the junior level of applied instrucion. Students must demonstrate proficiency commensurae with technical and performance standards at this level. Prerequisites: MUSC 2712 and audition.

MUSC 3712. Applied French Horn. (2 Credits)
Junior level applied French horn. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2711, 2712.

MUSC 3712E. Applied French Horn. (1 Credit)
Junior level applied French horn. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2712 and audition.

MUSC 3741. Applied Tuba. (2 Credits)
Junior level applied tuba. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisite: MUSC 2741, 2742.

MUSC 3741E. Applied Tuba. (1 Credit)
Junior level applied tuba. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2742 and audition.

MUSC 3742. Applied Tuba. (2 Credits)
Junior level applied tuba. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2741, 2742.

MUSC 3742E. Applied Tuba. (1 Credit)
Junior level applied tuba. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2742 and audition.

MUSC 3811. Applied Organ. (2 Credits)
Junior level applied organ. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2812 and audition.

MUSC 3811E. Applied Organ. (1 Credit)
Junior level applied organ. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2812 and audition.

MUSC 3812. Applied Organ. (2 Credits)
Junior level applied organ. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2812 and audition. Prerequisite(s): MUSC 2812 US C and MUSC 2811 US C.

MUSC 3812E. Applied Organ. (1 Credit)
Junior level applied organ. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisies: MUSC 2812 and audition.

MUSC 3911. Applied Guitar. (2 Credits)
Junior level applied guitar. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2911, 2912.

MUSC 3911E. Applied Guitar. (1 Credit)
Junior level applied guitar. Majors must be accepted, via juried audition, into the junior level of applied instrucion. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2912 and audition.

MUSC 3912. Applied Guitar. (2 Credits)
Junior level applied guitar. Majors must be accepted, via juried audition, into the junior level of applied instruction. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2911, 2912.

MUSC 3912E. Applied Guitar. (1 Credit)
Junior level applied guitar. Majors must be accepted, via juried audition, into the junior level of applied instruciton. Students must demonstrate proficiency commensurate with technical and performance standards at this level. Prerequisites: MUSC 2912 and audition.

MUSC 4000. Senior Recital. (1 Credit)
Required of all music majors for Bachelor of Arts degree. Recital repertoire must be approved by student's applied instructor, and a preliminary recital hearing must be given before music faculty, and approved, at least six weeks before official recital can be presented. Departmental approval.

MUSC 4050. Keyboard Methods. (2 Credits)
Study of graded material, literature and teaching technique appropriate to piano teaching. Prerequisite: MUSC 2072.

MUSC 4071. Applied Piano. (2 Credits)
Senior level applied piano. Prerequisite: MUSC 3071, 3072.

MUSC 4071E. Applied Piano. (1 Credit)
Senior level lessons for music education majors.

MUSC 4072. Applied Piano. (2 Credits)
Senior level applied piano. Prerequisite: MUSC 3071, 3072.

MUSC 4072E. Applied Piano. (1 Credit)
Senior level lessions for music education majors.

MUSC 4130. African-American Music Survey. (3 Credits)
General survey of Black music from its African origins to its various American developments, with attention to Afro- European acculturation andaesthetic and anthropological amalgamation. Prerequisite: MUSC 3134.

MUSC 4141. Applied Voice. (2 Credits)
Senior level applied voice. Continuation of technical training as well as development of a broad repertory of literature selected from all periods of music history from which literature was written. Prerequisites: MUSC 3142, 3142.

MUSC 4141E. Applied Voice. (1 Credit)
Senior applied for music education.

MUSC 4142. Applied Voice. (2 Credits)
Senior level applied voice. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history from which literature was written. Prerequisites: MUSC 3141, 3142.

MUSC 4142E. Applied Voice. (1 Credit)
Senior applied for music education.

MUSC 4171. Vocal Pedagogy. (2 Credits)
An in-depth study of the science and methodology related to the training of the human voice. The course is broken into three segments: the study of the anatomy and physiology of the "vocal organ", and all of the systems that contribute to or support the creating of vocal sound' secondly, study and utilization of the "practicum" methods for pedogical issues, such as varying vocal methodologies, choral singing for vocal majors, choices of literature, etc. Prerequisite(s): MUSC 3171 US C.

MUSC 4210. Band Techniques. (1 Credit)
Designed to acquaint the student with materials, procedures and techniques for the development of interest and basic music skills in elementary and junior high school students. The materials, procedures and techniques studied are necessary to the development of a school instrumental program.

MUSC 4220. Choral Conducting. (3 Credits)
Fundamental baton technique; score reading by chord singing and part singing; score playing analysis and interpretations; survey of representative literature suitable for the junior and senior high school chorus. Prerequisite: MUSC 2022.

MUSC 4230. Instrumental Conducting. (3 Credits)
Fundamental baton techniques, score reading by chord singing and part singing, score playing, analysis and interpretation; survey of representative literature suitable for the junior and senior high school band or instrumental ensemble. Laboratory experiences provided in correlation with the instrumental ensemble classes and the college band. Prerequisite: MUSC 2022.

MUSC 4281. Woodwind Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency. Continuation of MUSC 3281,3282. Prerequisite(s): MUSC 3281 and MUSC 3282.

MUSC 4282. Woodwind Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency. Continuation of MUSC 3281, 3282. Prerequisite(s): MUSC 3281 and MUSC 3282.

MUSC 4311. Applied Violin. (2 Credits)
For music majors with violin as their principal instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3312.

MUSC 4311E. Applied Violin. (1 Credit)
For music education majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3312.

MUSC 4312. Applied Violin. (2 Credits)
For music majors with violin as their principal instrument. Nonmajors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3312.

MUSC 4312E. Applied Violin. (1 Credit)
For music education majors with violin as their principal instrument. Non-majors who qualify may be accepted. Previous violin instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3312.

MUSC 4321. Applied Viola. (2 Credits)
For music majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3322.

MUSC 4321E. Applied Viola. (1 Credit)
For music education majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3322.

MUSC 4322. Applied Viola. (2 Credits)
For music majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3322.

MUSC 4322E. Applied Viola. (1 Credit)
For music education majors with viola as their principal instrument. Non-majors who qualify may be accepted. Previous viola instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3322.

MUSC 4331. Applied Cello. (2 Credits)
For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3332.

MUSC 4331E. Applied Cello. (1 Credit)
For music education majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3332.

MUSC 4332. Applied Cello. (2 Credits)
For music majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3332.

MUSC 4332E. Applied Cello. (1 Credit)
For music education majors with cello as their principal instrument. Non-majors who qualify may be accepted. Previous cello instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3332.

MUSC 4341. Applied String Bass Senior Lvl. (2 Credits)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 4341E. Applied String Bass. (1 Credit)
For music education majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 4342. Applied String Bass. (2 Credits)
For music majors with string bass as their principal instrument. Nonmajors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 4342E. Applied String Bass. (1 Credit)
For music education majors with string bass as their principal instrument. Non-majors who qualify may be accepted. Previous string bass instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 2472.

MUSC 4411. Applied Clarinet. (2 Credits)
Senior level applied clarinet continuation of technical training, as well as development of a broad reparatory of literature selected from all periods of music history. Prerequisite: MUSC 3412.

MUSC 4411E. Applied Clarinet. (1 Credit)
Senior level applied for music education majors. Prerequisite: MUSC 3412.

MUSC 4412. Applied Clarinet. (2 Credits)
Senior level applied clarinet continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3412.

MUSC 4412E. Applied Clarinet. (1 Credit)
Senior level applied for music education majors. Prerequisite: MUSC 3412.

MUSC 4436. Elementary School Musical Methods. (2 Credits)
Designed to acquaint the student with approved methods of presenting music as a series of meaningful experiences in the life of the child from kindergarten to sixth grade; guidance in developing effective techniques and procedures for their implementation through singing, intelligent listening, music, reading and creative work. Laboratory experience provided.

MUSC 4437. Secondary School Music Methods. (3 Credits)
Designed to acquaint the student with approved methods of presenting music as a series of meaningful experiences in the life of the child from kindergarten to sixth grade; guidance in developing effective techniques and procedures for their implementation through singing, intelligent listening, music, reading and creative work. Laboratory experience provided.

MUSC 4438. Secondary Choral Methods. (2 Credits)
Study of materials and methods for teaching choral curricular in the middle and senior high schools: planning and managing choral rehearsals and performance at the secondary level. 30 observation hours required. Prerequisite(s): MUSC 4436 US C.

MUSC 4439. Secondary Band Methods. (2 Credits)
For voice or instrumental music majors. Students from other majors, who qualify, may take the course with permission of the instructor.

MUSC 4441. Applied Clarinet. (2 Credits)
Senior level applied clarinet continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3441,3442.

MUSC 4441E. Applied Clarinet. (1 Credit)
Applied lesson for music education majors. All senior level requirements apply. Prerequisite(s): MUSC 3441E US C and MUSC 3442E US C.

MUSC 4442. Applied Clarinet. (2 Credits)
Senior level applied clarinet continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3441,3442.

MUSC 4442E. Applied Clarinet. (1 Credit)
Senior level applied clarinet continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3441,3442.

MUSC 4443. Applied Oboe. (2 Credits)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4443E. Applied Oboe. (1 Credit)
For music education majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4444. Applied Oboe. (2 Credits)
For music majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4444E. Applied Oboe. (1 Credit)
For music education majors with oboe as their principal instrument. Non-majors who qualify may be accepted. Previous oboe instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4445. Applied Flute. (2 Credits)
Senior level applied flute. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3445, 3446.

MUSC 4445E. Applied Flute. (1 Credit)
Senior level applied lessions for music education majors.

MUSC 4446. Applied Flute. (2 Credits)
Senior level applied flute. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisites: MUSC 3445, 3446.

MUSC 4446E. Applied Flute. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4447. Applied Bassoon. (2 Credits)
For music majors with bassoon as their principal instrument. Nonmajors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3448.

MUSC 4447E. Applied Bassoon. (1 Credit)
For music education majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3448.

MUSC 4448. Applied Bassoon. (2 Credits)
For music majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward contiinued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4448E. Applied Bassoon. (1 Credit)
For music education majors with bassoon as their principal instrument. Non-majors who qualify may be accepted. Previous bassoon instruction is required. Students must demonstrate sufficient proficiency for acceptance at this course level. Students will work toward continued mastery of technique and appropriate literature which meet or exceed standards for current level of study. Prerequisite: MUSC 3444.

MUSC 4471. Applied Saxaphone. (2 Credits)
Senior level applied saxophone. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3471, 3472.

MUSC 4471E. Applied Saxaphone. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4472. Applied Saxaphone. (2 Credits)
Senior level applied saxophone. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3471, 3472.

MUSC 4472E. Applied Saxaphone. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4511. Applied Trumpet. (2 Credits)
Senior level applied trumpet. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3512.

MUSC 4511E. Applied Trumpet. (1 Credit)
Senior level applied lessons for music education majors. Prerequisite(s): MUSC 3511E US C and MUSC 3512E US C.

MUSC 4512. Applied Trumpet. (2 Credits)
Senior level applied trumpet. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3512.

MUSC 4512E. Applied Trumpet. (1 Credit)
Senior level applied lessons for music education majors. Prerequisite(s): MUSC 3511E US C and MUSC 3512 US C.

MUSC 4541. Applied Trombone. (2 Credits)
Senior level applied trombone. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3541, 3542.

MUSC 4541E. Applied Trombone. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4542. Applied Trombone. (2 Credits)
Senior level applied trombone. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3541, 3542.

MUSC 4542E. Applied Trombone. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4581. Brass Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency.

MUSC 4582. Brass Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency.

MUSC 4611. Applied Percussion. (2 Credits)
Senior level applied percussion. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3611, 3612.

MUSC 4611E. Applied Percussion. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4612. Applied Percussion. (2 Credits)
Senior level applied percussion. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3611, 3612.

MUSC 4612E. Applied Percussion. (1 Credit)
Senior level applied lessons for music education majors. Prerequisite(s): MUSC 3611E US C and MUSC 3612E US C.

MUSC 4641. Euphonium. (2 Credits)
Senior level applied baritone horn. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3641, 3642.

MUSC 4641E. Euphonium. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4642. Euphonium. (2 Credits)
Senior level applied baritone horn. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3641, 3642.

MUSC 4642E. Euphonium. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4681. Percussion Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency.

MUSC 4682. Percussion Ensemble. (1 Credit)
Open only to senior level players for credit. Open without credit to others having the necessary proficiency.

MUSC 4711. Applied French Horn. (2 Credits)
Senior level applied French horn. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite:MUSC 3711, 3712.

MUSC 4711E. Applied French Horn. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4712. Applied French Horn. (2 Credits)
Senior level applied French horn. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3711, 3712.

MUSC 4712E. Applied French Horn. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4741. Applied Tuba. (2 Credits)
Senior level applied tuba. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3741, 3742.

MUSC 4741E. Applied Tuba. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4742. Applied Tuba. (2 Credits)
Senior level applied tuba. Continuation of technical training, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3471, 3472.

MUSC 4742E. Applied Tuba. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4811. Applied Organ. (2 Credits)
Senior level applied organ. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3811, 3812.

MUSC 4811E. Applied Organ. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4812. Applied Organ. (2 Credits)
Senior level applied organ. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3811, 3812.

MUSC 4812E. Applied Organ. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4911. Applied Guitar. (2 Credits)
Senior level applied guitar. Continuation of technical study as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: 3912, 3911.

MUSC 4911E. Applied Guitar. (1 Credit)
Senior level applied lessons for music education majors.

MUSC 4912. Applied Guitar. (2 Credits)
Senior level applied guitar. Continuation of technical study, as well as development of a broad repertory of literature selected from all periods of music history. Prerequisite: MUSC 3912, 3911.

MUSC 4912E. Applied Guitar. (1 Credit)
Senior level applied lessons for music education majors.

Mythology (MYTH)

MYTH 1000. Introduction to Mythology. (1 Credit)
MYTH 1000 is a study of the mythology of a selected culture. Discussions will include allusions to mythological tales and figures found in culture, literature, and the arts, as well as the function of myth in society. Prerequisite: None. Offered: All semesters.

Natural Sciences (ISCI)

ISCI 2001. Life/Earth Science. (3 Credits)
An integrated overview of the core Life and Earth Science content covered in the K-5 Georgia Performance Standards. Topics include the Solar System, Earth Processes, Characteristics of Living Organisms, Biodiversity and the Natural History of Georgia. Students will gain conceptual understanding through Inquiry-Oriented, Activity-Based pedagogical strategies in order to have experience learning science content in the ways they will be expected to teach in the future.

ISCI 2002. Physical Science. (3 Credits)
COURSE DESCRIPTION: ISCI 2002 – Physical Science… Activity – based Physical Science for Early Childhood Education Performance majors. Course addresses content covered by Standards (GPS) for K-5 grades. Georgia Performance. Prerequisite: Teacher Education major status.

ISCI 3002. Integrated Earth and Space Sci. (4 Credits)
The content in this course focuses on developing the earth science content that supports middle grades science standards-based content. The course incorporates inquiry, nature of science, characteristics of science and reading in the content area. Additional topics include a study of meteorology, oceanography, earth materials, the solar system, scientific views of the universe, the earth-sun-moon relationships, earth processes, and geologic time. The lab gives experiences which will include activities that further develop each of the topic areas. Candidates must earn a minimum grade of C to receive credit for this course in the program of study. Offered: Spring.

ISCI 3003. Integrated Concepts in Phy Sci. (4 Credits)
The content in this course focuses on developing the physical science content that supports middle grades science content standards. The topics include scientific inquiry, the nature of science, characteristics of science, the nature of matter, forms and transformations of energy, motion, gravity, waves, light, sound, electricity, magnetism, and relationship between force/mass/motion of objects. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

ISCI 3109. Integrated Concept in Biol Sci. (4 Credits)
The content in this course focuses on developing the life science content that supports middle grades science content standards. The topics covered include: characteristics of science, nature of science, inquiry, cells, cell structures, cell functions, composition and structure of DNA and RNA, asexual and sexual cellular reproduction, application of Mendel's laws, passing of genetic traits to successive generations, characteristics of single- and multi-celled organisms, adaptations, evolution, and ecosystems. Candidates must earn a minimum grade of C to receive credit for this course in the program of study.

Nursing (NURS)

NURS 1015. TEAS Exam Prepratory Workshop. (0 Credits)
This workshop is designed to provide the nursing student with the opportunity to gain information about the Albany State Nursing Program required pre-admit exam, TEAS. This class is designed as an information portal, with no formal requirements. The students will learn information about the current semester TEAS on the discussion forum, email, and NEWS postings. Students will have the opportunity to review lectures on the topics listed in the TEAS study manual. Restricted to students studying Nursing. Online only. Prerequisites: None. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 1101. Fundamentals of Nursing (ASN). (5 Credits)
This course provides a fundamental foundation for the profession of nursing. The adult learner will be exposed to patient centered care model, teamwork, evidence-based practice and informatics with an emphasis on quality improvement. Princples of medication calculation and safe administration are emphasized. Development of personal responsibility and ethical behavior related to the performance of basic nursing skills will be acquired through supervised lab performance and selected clinical rotations. Prerequisites: Admission into the ASN program, BIOL 2411K with a grade of "C" or better. Corequisites: NURS 1105. Offered: Fall, Spring, Summer.

NURS 1105. Pharmacology for Nurses (ASN). (1 Credit)
Pharmacology for Nurses provides a basic foundation of knowledge necessary for the safe administration of medications in nursing practice. The course encompasses drug classifications, actions, therapeutic dosages, side effects and patient education of selected medications. The importance of safety, interdisciplinary collaboration, informatics, evidence-based practice and accurate calculation of appropriate dosages in various measurement systems are stressed. The course focuses on patient centered nursing care and quality improvement for pharmacology. Prerequisites: Admission to the ASN program, BIOL 2411K with a grade of "C" or better. Corequisites: NURS 1101 and NURS 1311. Offered: Fall, Spring, Summer.

NURS 1111. Adult Health I (ASN). (7 Credits)
The course emphasizes quality and safety in nursing education core competencies, as it relates to the provision of patient centered care to people experiencing respiratory, circulatory, renal, digestive, endocrine, musculoskeletal and neurological alterations. Teamwork, informatics, quality improvement and evidence based practice are essential components in the course. Development of personal responsibilty and ethical behavior is acquired through supervised lab performance and clinical experience with selected patients. Prerequisites: BIOL 2411K and NURS 1101 with grades of "C" or better. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 1112. Adult Health II (ASN). (7 Credits)
Adult Health II places emphasis on the adult learner's development of increasing knowledge and personal responsibilty and ethical behavior in the care of adult patients. Common health care alterations which are chronic in nature and that may require surgical intervention are emphasized. Course content focuses on evidence based practice, patient centered care, informatics, teamwork and quality improvement. Supervised clinical experiences provide adult learners with opportunities to refine safe, ethical nursing practice. Prerequisites: NURS 1111, NURS 1105, and BIOL 2412K with grades of "C" or better. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 1232. Pre-Nursing Seminar. (2 Credits)
This course introduces nursing and health care history and theoretical framework, including Albany State University's nursing framework. Various theories of nursing and healthcare are explored. The role of the healthcare professional including the nurse is analyzed. Proficiencies supporting the role of the healthcare professional are explored and adopted. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 1301. Fundamentals of Nursing (Bridge). (3 Credits)
This course provides a fundamental foundation for the profession of nursing. The adult learner will be exposed to patient centered care model, teamwork, evidence-based practice and informatics with an emphasis on quality improvement. Principles of medication calculation and safe administration are emphasized. Development of personal responsibility and ethical behavior related to the profession of basic nursing skills will be acquired through supervised lab performance and selected clinical rotations. Prerequisites: Admission into the Healthcare Professional-to-RN Bridge program and BIOL 2411K with a grade of "C" or better. Corequisites: NURS 2313. Offered: First semester, Healthcare-Professional-to-RN Bridge program.

NURS 1311. Adult Health II (Bridge). (8 Credits)
The course emphasizes quality and safety in nursing education core competencies, as it relates to the provision of patient centered care to people experiencing respiratory, circulatory, renal, digestive, endocrine, musculoskeletal and neurological alterations. Common health care alterations which are chronic in nature and that may require surgical intervention are emphasized. Teamwork, informatics, quality improvement and evidence based practice are essential components in the course. Development of personal responsibility and ethical behavior is acquired through supervised lab performances and clinical experiences with selected patients. Prerequisites: NURS 1301, NURS 2313, and BIOL 2412K with grades of "C" or better. Corequisites: NURS 1105. Offered: Second semester, Healthcare-Professional-to-RN Bridge.

NURS 2111. Nursing Care of Women and Children (ASN). (8 Credits)
This course explores the roles of the nurse in safely providing quality, patient centered care within an interdisciplinary structure to meet the needs of families who have children. Applies principles of health promotion from the antepartal period through adolescence and examines human growth, development and resopnses to health deviation during these periods in the life cycle. Patient centered care and quality improvement are the central focus in the couse. Informatics is emphasized when providing safe patient care. Classroom and clinical instruction involves providing nursing care to antepartal, intrapartal, postpartal and pediatric patients and incorporating evidence based practice and previously learned knowledge and skills. Prerequisites: NURS 1112 and NURS 2113 with grades of “C” or better. Corequisites: NURS 2117. Offered: Fall, Spring, Summer.

NURS 2113. Psychiatric Nursing (ASN). (3 Credits)
This course focuses on the physiological, emotional, behavioral and sociocultural aspects of mental health and mental illness. The nurse’s role as a collaborative member of the behavioral health team is introduced. The course content is centered on evidence based practice and quality improvement. Informatics is a component in the course. The clinical rotations give the adult learner the opportunity to apply this knowledge to provide safe, effective patient centered care in a therapeutic milieu. Prerequisites: NURS 1111 with a grade of “C” or better. Corequisites: NURS 1112. Offered: Fall, Spring, Summer.

NURS 2115. Adult Health III (ASN). (8 Credits)
The final course in the Nursing program is designed to emphasize care of patients with complex acute as well as chronic multisystem disorders and medical-surgical alterations. Supervised clinical experiences in high acuity unit will facilitate continued growth of student’s professional practice. Components of the course include: patient centered care, evidence based practice, collaboration, informatics and quality improvement. Supervised leadership roles in the clinical arena are provided for the students to enhance their management skill while directing their colleagues in providing safe patient care that meets entry level standards. Prerequisites: Completion of all ASN and core courses with grades of "C" or better. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 2117. Nursing Leadership (ASN). (1 Credit)
Emphasis is placed on the introduction of the fundamental principles of leadership and management responsibilities for the entry level registered nurse. Topics will include, but not limited to such practice issues as: safe, patient centered, quality care, effective delegation and supervision, communication, collaborative care, informatics, quality improvement. Nursing research and evidence based practice are also included. Prerequisites: NURS 1111 and NURS 1112 with grades of “C” or better. Corequisites: NURS 2111 and NURS 2311. Offered: Fall, Spring, Summer.

NURS 2210. Pharmacology (BSN). (3 Credits)
This course introduces the student to pharmacological concepts and measurements and includes such topics as medication dosage, calculations, interaction with drugs or foods, medication administration and intravenous therapy. Prerequisite: Admission into the BSN program. Corequisite: NURS 2231. Offered: Fall.

NURS 2231. Fundamental Concepts of Professional Nursing (BSN). (5 Credits)
This course is designed to provide further exploration of the theoretical framework and major conceptual threads of the nursing curriculum. The student applies the concepts of person, health, environment and nursing along with ethical/legal aspects to lab and clinical practice. Emphasis will be placed on assessment and primary interventions related to health promotion, health maintenance and disease prevention. Prerequisites: Admission to the BSN program. Corequisites: None. Offered: Fall.

NURS 2311. Nursing Care of Women and Children (Bridge). (6 Credits)
This course explores the roles of the nurse in safely providing quality, patient centered care within an interdisciplinary structure to meet the needs of families who have children. Applies principles of health promotion from the antepartal period through adolescence and examines human growth, development and responses to health deviation during these periods in the life cycle. Patient centered care and quality improvement are the central focus in the course. Informatics is emphasized when providing safe patient care. Classroom and clinical instruction involves providing nursing care to antepartal, intrapartal, postpartal and pediatric patients and incorporating evidence based practice and previously learned knowledge and skills. Prerequisites: NURS 1311 and NURS 2313 with grades of “C” or better. Corequisities: NURS 2117. Offered: Third semester, Healthcare-Professional-to-RN Bridge.

NURS 2313. Psychiatric Nursing (Bridge). (3 Credits)
This course focuses on the physiological, emotional, behavioral and sociocultural aspects of mental health and mental illness. The nurse’s role as a collaborative member of the behavioral health team is introduced. The course content is centered on evidence based practice and quality improvement. Informatics is a component in the course. The clinical rotations give the adult learner the opportunity to apply this knowledge to provide safe, effective patient centered care in a therapeutic milieu. Prerequisites: Admission into the Healthcare Professional-to-RN Bridge program and BIOL 2411K with a grade of "C" or better. Corequisites: NURS 1301. Offered: First semester, Healthcare-Professional-to-RN Bridge.

NURS 2331. Adult Health Nursing I (BSN). (5 Credits)
This course emphasizes the responses of individuals experiencing physical and emotional illnesses with emphasis on the nurse's role in health restoration, maintenance and promotion. This course incorporates clinical decision making in a variety of health care settings. Prerequisites: NURS 2231. Corequisites: None. Offered: Spring, Summer.

NURS 2601. Introduction to Geriatric Nursing (BSN). (3 Credits)
This course is designed to enhance the knowledge of nursing students regarding nursing care of the aged client. It may be taught online or face-to-face. Prerequisites: None. Corequisites: None. Offered: Fall, Spring.

NURS 3010. Junior Nursing Summer Externship. (3 Credits)
This junior year elective course is the first externship experience. It provides students with an opportunity to interact with one or two hospitalized clients. The experience occurs in the clinical setting under the mentorship of a professional registered nurse at an approved healthcare agency. The student will also have opportunities to interact with the healthcare team. Prerequisites: Junior classification and department approval. Corequisites: None. Offered: As needed.

NURS 3134. Pediatric Nursing (BSN). (5 Credits)
This course examines the responses of children and their families to selected acute and chronic physical deviations in health with emphasis on the nurse's role in health restoration, maintenance, and promotion. Prerequisites: None. Corequisites: None. Offered: Spring.

NURS 3136. Women's Health Nursing (BSN). (5 Credits)
This course covers nursing theories and skills related to health promotion and health maintenance of childbearing women and selected women's health concerns. Prerequisites: None. Corequisites: None. Offered: Spring.

NURS 3320. Pathophysiology (BSN). (3 Credits)
A survey of the fundamentals of pathology with emphasis on anatomical, physiological, and clinical processes across the life span. Prerequisites: None. Corequisites: None. Offered: Spring, Summer.

NURS 3335. Mental Health Nursing (BSN). (5 Credits)
This course is an introduction to the application of nursing concepts and principles in the maintenance and promotion of emotional and mental health of individuals, families, groups and populations. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 3510. Assessment in Health Care (BSN). (2,3 Credits)
This course promotes the development of assessment skills across the lfie span and requires successful performance of a complete physical examination. Prerequisites: Admission into the BSN program or approval of program director (Department of Public Health employees/Non-Degree-Seeking students only). Corequisites: None. Offered: Fall.

NURS 3600. Nursing Informatics (RN-to-BSN). (2,3 Credits)
This course teaches the history of healthcare informatics, current issues, basic informatics concepts, and health information management applications. This course addresses basic through complex concepts to target the needs of the novice through innovator. It provides a set of practical and powerful tools to ensure that students gain a solid understanding of Nursing Informatics and are able to move from information through knowledge to wisdom. Prerequisites: None. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 3620. Pathophysiology for RNs (RN-to-BSN). (3 Credits)
This course examines in detail the underlying biological process involved in the development, evolution, manifestations, and complications of common clinical deficits (diseases) across the life span, and compares normal and abnormal states. The biological bases for therapeutic actions are examined. Prerequisites: Admission to the RN-to-BSN program. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 3630. Conceptual Basis of Professional Nursing (RN-to-BSN). (3 Credits)
This course examines the dynamic transformation in nursing through exploration and investigation of major nursing issues. These issues are examined within the context of nursing history, nursing theories, nursing philosophy, legal issues, political activism, health care delivery systems, and the delivery of culturally competent patient care. Prerequisites: Admission into the RN-to-BSN Program. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 3640. Health Assessment (RN-to-BSN). (3 Credits)
This course includes the processes, techniques, and skills of health assessment, building on basic and experiential knowledge of assessment. It is intended to provide the basis for individual student development of expertise in assessing health and illness states. Focus is on didactic and clinical content that the practicing nurse utilizes when assessing clients. The processes of systematic assessment, which include communication, planning, and cultural variations are emphasized. Clinical judgment, diagnostic & monitoring skills, and teaching are integrated as components of assessment. Prerequisites: None OR approval of program director (Department of Public Health employees/ Non-Degree-Seeking students only). Corequisities: None. Offered: Fall, Spring, Summer.

NURS 3650. Health and Wellness of Aging (RN-to-BSN). (3 Credits)
This course will provide the student with comprehensive evidence-based nursing protocols to be used in providing the highest level of care to adults in settings across the continuum. Aging is presented within a cultural and global context in recognition of diversity of all kinds and the health inequities which persist. Prerequisites: None. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 4010. Senior Nursing Summer Externship. (3 Credits)
This senior year elective course is a continuation of the first externship experience. It provides the students with an opportunity to interact with more than one hospitalized client along with more complex clinical challenges. The experience occurs in the clinical setting under the mentorship of a professional registered nurse at an approved health care agency. The student will also have opportunities to interact with a more experienced health care team. Prerequisites: Senior classification and department approval. Corequisites: None. Offered: As needed.

NURS 4111. Directed Study. (1-5 Credits)
When completed as an optional elective, this course requires student investigation of a nursing problem under faculty supervision. NURS 4111: Directed Student (NCLEX Prep) is a required 3 credit hour variation of this course that serves as a B term continuation of the student's licensure preparation (a companion to NURS 4345). This course is designed to further strengthen the student's ability to successfully meet licensure requirements–specifically regarding the NCLEX examination–for professional nursing practice shortly following graduation by providing in-depth critique and assessment of basic nursing content including multi-system disorders and ensuring an appropriate laboratory support environment for the student's practice and role acquisition. Prerequisites: Completion of all BSN courses excluding NURS 4345 (NCLEX Prep) OR department approval. Corequisites: None. Offered: Spring (B-term as NCLEX Prep) OR as needed.

NURS 4131. Research (BSN). (3 Credits)
An introduction to the research process in nursing and health care as a basis for utilization in clinical decision making. Prerequisites: None. Corequisites: None. Offered: Fall, Spring.

NURS 4140. Principles of Leadership and Management (BSN). (2 Credits)
This is a course in leadership, management, and organizational theories. Additionally, this course integrates nursing and related theories through simulated clinical learning activities. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 4240. Community Health Nursing (BSN). (5 Credits)
This course includes the application of community health nursing principles in the care of vulnerable populations. Prerequisites: None. Corequisites: None. Offered: Spring, Summer.

NURS 4342. Adult Health Nursing II (BSN). (5 Credits)
Clinical practice allows utilization of leadership and management skills in preparation for the role of a professional nurse. This is a clinical practicum which allows the student an opportnity to apply leadership principles and management skills in a variety of work/health care environments. Student develops individual goals and objectives for clinical experiences which serve to establish a basis for content reviews during planned seminars. Prerequisites: NURS 2331. Corequisites: None. Offered: Spring.

NURS 4345. Senior Comprehensive Nursing (BSN). (5 Credits)
This course is designed to strengthen the student's ability to successfully meet licensure requirements for professional nursing practice shortly following graduation by providing indepth critique and assessment of basic nursing content including multi-system disorders and ensuring an appropriate laboratory support environment for the student's practice and role acquisition. Prerequisites: Completion of all BSN courses excluding NURS 1111 (NCLEX Prep). Corequisites: None. Offered: Spring, A-Term.

NURS 4346. RN to MSN Senior Seminar (RN-to-MSN). (2 Credits)
This course is designed to strengthen the student's ability to successfully meet requirements including the Departmental Exit Examination prior to graduation by providing an in-depth critique and assessment of basic nursing content and ensuring an appropriate laboratory support environment for the student's practice and role acquisition. Prerequisites: Admission into the RN-to-MSN program; senior classification. Corequisites: None. Offered: As needed.

NURS 4413. RN-to-MSN Transition (RN-to-MSN). (6 Credits)
This online course examines nursing history, trends, and conceptual frameworks, including Albany State University's nursing framework. Student examines teaching and learning concepts. The evolving role of the advanced practice nurse is analyzed and evaluated. The course examines the leadership, management, and organizational theories, including nursing theories that utilize leadership and management concepts. Student plans assignments and leadership/management actions through simulated clinical learning activities. Prerequisites: Admission into the RN-to-MSN program; senior classification. Corequisites: None. Offered: As needed.

NURS 4500. Community/Public Health Nursing (RN-to-BSN). (4 Credits)
This course is designed to assist the student in acquiring knowledge of the roles and responsibilities of the professional community health nurse in a global society focusing on health promotion and health maintenance of individuals, families and groups. Students will explore concepts such as community assessments, public health policy, and surveillance. Prerequisites: None. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 4510. Research in Nursing (RN-to-BSN). (3 Credits)
This course is designed prepare the undergraduate nursing student to be a consumer of research with a focus on nursing research. The student will be introduced to the research process and guided through understanding the written research report with an emphasis on the importance of evidence-based practice. Prerequisites: MATH 2411. Corequisites: None. Offered: Fall, Spring, Summer.

NURS 4520. Principles of Leadership and Nursing Ethics (RN-to-BSN). (5 Credits)
This is a course in leadership, management, and organizational theories. The course has an emphasis on ethical practices on all levels of interactions within the healthcare team that is providing nursing care to vulnerable populations. Prerequisites: Completion of all RN-to-BSN courses, excluding NURS 3650. Corequisites: None. Offered: Fall, Spring, Summer.

Occupational Therapy Assistant (OTAS)

OTAS 1100. Introduction to Occupational Therapy. (2 Credits)
The following concepts will be presented: Functional definitions of occupational therapy; the history of occupational therapy, philosophy, and ethics; the roles of occupational therapy professionals; and differentiation of occupational therapist and occupational therapy assistant responsibilities, the reimbursement for O.T. services and professional credentialing. An overview of the particular patient populations which an occupational therapy assistant might interact with is given. Specific types of treatment settings are explored in detail, with the scope of OTA practice examined, including the research data gathering role. Awareness of local and national occupational therapy organizations is emphasized. Demonstrated professional behaviors are encouraged. Corequisites: ALHE 1104, ALHE 1120, OTAS 1105, OTAS 1111. Prerequisite: Admission into the OTA program. Offered: Fall.

OTAS 1105. Patient Skills for the OTA. (2 Credits)
Introduction to concepts and procedures of patient care in occupational therapy. Topics include patient positioning and draping, body mechanics, patient transfers, vital signs monitoring, infection control, aseptic techniques, therapeutic exercise, ADA awareness, confidentiality, adjustment and maintenance of assistive equipment and safety. Corequisites: OTAS 1100, OTAS 1111, ALHE 1104, ALHE 1120. Prerequisite : Admission into the OTA program. Offered: Fall.

OTAS 1111. Functional Anatomy and Kinesiology. (4 Credits)
Analysis of human movement and its impact on function through the integration of biomechanics, kinesiology and applied anatomy. Principles will be reinforced through a problem-solving approach for understanding movement. Goniometric measurements and manual muscle testing of the upper and lower extremities, trunk and head will be included. Prerequisites: Admission into the OTA program. Corequisites: OTAS 1100, OTAS 1105, ALHE 1104, ALHE 1120 Offered: Fall .

OTAS 1121. Therapeutic Media. (2 Credits)
Lecture and laboratory course emphasizing basic media and activities in a therapeutic setting. Focus is placed in lecture sessions on activity analysis. Laboratory focus is based on application of analysis to therapeutic intervention situations. Skill attainment in relation to the actual process of different media tasks will be encouraged. Corequisites: OTAS 1131, OTAS 1140, OTAS 1145. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, ALHE 1104, ALHE 1120. Offered: Spring.

OTAS 1131. Physical Function in Occupation I. (4 Credits)
The role of the OTA in the evaluative process, treatment, documentation and reassessment is presented. Recognition of specific skills related to adaptive procedures and the grading of tasks for maximized patient gains is examined. Treatment techniques and considerations for specific patient populations with physical dysfuntion related issues are presented. Level 1 fieldwork is a component part of this course offering. Corequisites: OTAS 1121, OTAS 1140, OTAS 1145. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, ALHE 1104, ALHE 1120. Offered: Spring.

OTAS 1132. Physical Function in Occupation II. (4 Credits)
A continuation of the OTAS 1131 course. Emphasis is placed upon the OTA in the evaluative process, treatment role and documentation for the patient population related to physical dysfunction. The role of the OTA across the continuum of care is viewed. Systematic examination of the OTA in the treatment process and appropriate problem-solving is encouraged. Corequisites: OTAS 2200, OTAS 2260. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145, ALHE 1104, ALHE 1120. Offered: Summer.

OTAS 1140. Psychosocial Function in Occupation. (3 Credits)
Etiology, diagnosis and treatment of psychiatric conditions encountered in the clinical setting by Occupational Therapy Assistants. Occupational therapy treatment techniques for remediation and prevention across the life-span continuum are covered. Recognition of the use of psychotropic medications in psychiatric treatment and corresponding possible side effects are studied. Level 1 fieldwork observations and field trips will be part of this course. Prerequisites: ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111 Corequisites: OTAS 1121, OTAS 1131, OTAS 1145 Offered: Spring.

OTAS 1145. Developmental Function in Occupation. (3 Credits)
Examination of the process of evaluation, treatment and documentation for the OTA in settings working with a caseload involving development dysfuntion. Emphasis is placed on developmental factors across ages and populations. Adaptive coping techniques and skills will be explored, with focus on practical problem solving. Level 1 fieldwork placement will be a component part of this course offering. Corequisites: OTAS 1121, OTAS 1131, OTAS 1140. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, ALHE 1104, ALHE 1120. Offered: Spring.

OTAS 2200. Assistive Techniques and Technologies. (3 Credits)
The use and modification of adaptive devices and equipment is studied. Creative problem-solving regarding specific medical conditions is encouraged through the development of adaptive equipment. Proper patient positioning in the therapeutic and home environment is examined. Further development of static and dynamic splinting skill techniques for diverse patient treatment needs will be learned. The ability to analyze and problem-solve regarding overcoming environmental barriers is fostered. Issues related to increasing safety and functional mobility are explored. Corequisites: OTAS 1132, OTAS 2260 Prerequisites: ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145 Offered: Summer.

OTAS 2260. Treatment Methods and Management for the OTA. (4 Credits)
This course enables the student to apply specialized occupational theory, skills and concepts learned in the didactic coursework to the clinic. Topics include common diagnoses seen, treatment environments, and treatments for areas of occupation including ADL, IADL, education, work, play, leisure, and social participation. Students will be required to develop applications for enabling function for mental health and physical well-being through occupational therapy assessment/evaluation, intervention, and patient/client education. Techniques and applications used in traditional and non-traditional practice settings will be explored. Students will develop an awareness of activity demands, contexts, adapting, grading, and safe implementation of occupations or activities. Course will also create a discussion forum addressing events, skills, knowledge, and/or behaviors related to the practice environment. This will include legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation. Test-taking strategies for certification exams and the process for getting licensed will also be presented. Prerequisites: OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1140, OTAS 1145, ALHE 1104, ALHE 1120. Corequisites: OTAS 1132, OTAS 2200. Offered: Summer.

OTAS 2410. Fieldwork Experience Level II A. (5 Credits)
Full-time fieldwork experience following the completion of all didactic course work. The fieldwork program involves students in experiences with clients, patients, therapists and others in the health care community. Participation in Level II fieldwork placements allows application of classroom theory and academic knowledge base. The fieldwork will be available in various settings providing opportunities for experience with diverse patient/client populations. The student fieldwork intern will experience various service delivery models reflective of current practice in the profession. Fieldwork internships are carried out in accordance with contractual agreements with health care facilities. Level II fieldwork internships are an integral part of the educational process and must be successfully completed within 18 months of the end of the didactic course work. Corequisites: OTAS 2420, OTAS 2412. Prerequisites: Completion of all didactic course work; ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1132, OTAS 1140, OTAS 1145, OTAS 2200, OTAS 2260 Offered: Fall or at the discretion of the Program Director.

OTAS 2412. Occupational Therapy Seminar. (2 Credits)
This course is designed to provide for the transition from the student role to the graduate role. Analysis of ethical, professional, and social issues affecting OTA practice will occur. Emphasis will be on preparation for national and state credentialing requirements and promotion of life-long learning. There will be ongoing learning of program evaluation, reimbursement mechanisms, healthcare legislation, federal and state regulations, the responsibility of the professional and consumer, and the professional rules and responsibilities of the OTA. The student will be expected to understand the role of health professionals in changing healthcare systems, administration, management, and research. Participation in a Web-based course covering review of national exam material will occur throughout the semester. Students will be required to complete case study assignments based on clinical experiences during Level II fieldwork. Students are also required to complete mock board exams in preparation for the national certification exam. Corequisites: OTAS 2410, OTAS 2420. Prerequisites: ALHE 1104, ALHE 1120, OTAS 1100, OTAS 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1132, OTAS 1140, ALHE 1145, OTAS 2200, OTAS 2260. Offered: Fall.

OTAS 2420. Fieldwork Experience Level II B. (5 Credits)
Full-time fieldwork experience following the completion of all didactic course work. The fieldwork program involves students in experiences with clients, patients, therapists and others in the health care community. Participation in Level II fieldwork placements allows application of classroom theory and academic knowledge base. The fieldwork will be available in various settings providing opportunities for experience with diverse patient/client populations. The student fieldwork intern will experience various service delivery models reflective of current practice in the profession. Fieldwork internships are carried out in accordance with contractual agreements with health care facilities. Level II fieldwork internships are an integral part of the educational process and must be successfully completed within 18 months of the end of the didactic course work. Prerequisite: Completion of all didactic course work; ALHE 1104, ALHE 1120, OTAS 1100, 1105, OTAS 1111, OTAS 1121, OTAS 1131, OTAS 1132, OTAS 1140, OTAS 1145, OTAS 2200, OTAS 2260 Corequisites: OTAS 2410, OTAS 2412. Offered: Fall or at the discretion of the Program Director.

Office Admin Technology Conc (OATC)

OATC 3150. Computer Operating Systems. (3 Credits)
A general overview of computer hardware, networks, and operating systems. Developing basic technological expertise and leadership in administering computer technology in the workplace is emphasized. This course helps prepare students to take a certification exam for a current operating system.

OATC 3610. Web Design & Multimedia. (3 Credits)
Development of the knowledge and skills necessary for utilizing web editing and graphics programs effectively. This course will focus on the design and production of websites and other materials for use in educational and training environments.

OATC 3700. Desktop Publishing. (3 Credits)
Development of desktop publishing concepts and their application to the modern office. Basic, intermediate, and advanced features of a variety of application programs for page design will be used to create various business-related documents.

OATC 4020. Virtual Office Technology. (3 Credits)
Overview of skills needed to perform as a virtual office assistant. Emphasis placed on the use of time and information management applications and increased knowledge of the role of online meeting, Internet telephone communication software, Internet research, social networking tools, e-commerce, and mobile devices in the modern office.

OATC 4160. Admin Office Procedures. (3 Credits)
Development of increased awareness of the role and scope of the administrative assistant position. This course will focus on basic and expanded job responsibilities, professionalism, and the performance of simulated office activities.

OATC 4810. Contemporary Skills. (3 Credits)
Analysis of the workplace skills needed in a rapidly changing technological society. Emphasis is on communication skills, employee motivation, change management, delegation, team building, and career planning. Students are required to build a career plan and to design a change management project.

Organizational Leadership (ORGL)

ORGL 1100. Leadership in a Global Society. (3 Credits)
Students learn how cultural context affects leadership style, conflict negotiation, and ethical decision-making; examine how leaders might impact culture; and develop their own multicultural awareness and competencies. Contemporary cases of how leadership varies depending on cultural context are researched. Key geographical regions of the world will be analyzed from a leadership perspective, and an individual cultural experience highlighting the intersection of leadership and culture also occurs.

ORGL 1500. Profiles of Leaders. (3 Credits)
The objective of this course is to focus on the basic principles of personal and interpersonal leadership through the exploration of various leaders. It uses the case study method to analyze several well-known leaders. Students will explore the motivation, decision-making, time management, power, team building, conflict resolution, and change management of pivotal leaders.

ORGL 2050. Communications for the Wrkplce. (3 Credits)
Principles of effective oral and written communications. A thorough review of grammar, sentence and paragraph construction, punctuation, and writing techniques. Emphasis on the job-getting process.

ORGL 2100. Writing for Leadership. (3 Credits)
Move beyond the inspirational poster! In this course, students read and study the works of famous leaders as models for their own communications as leaders. Students will learn to analyze the rhetoric and persuasive techniques in the speeches, writings, and rhetoric of leaders both real and fictional, such as Shakespeare's Henry V, Winston Churchill, Sun Tzu, Marcus Aurelius, Queen Elizabeth I and others, while reading excerpts from contemporary business advice literature. Themes for the class will include: How to Inspire, How to Navigate Change, and How to Change Minds.

ORGL 2601. Introduction to Public Administration. (3 Credits)
This course introduces students to Public Administration, which is a sub-field of Political Science. Administrative aspects of Political Science will be examined, focusing on concepts and methods used to analyze public policy, political systems, governmental structures, bureaucracy, government and public management, and public policy planning.

ORGL 2800. Ethics and Leadership. (3 Credits)
The objective of this course is to explore the theories, models, and constructs related to the study and practice of ethics and leadership. Teaches students to develop ethical decision-making strategies, communicate effectively in diverse group settings, value civic engagement and actively apply ethical leadership skills.

ORGL 2900. Program and Policy Evaluation for Leaders. (3 Credits)
Students will learn the methods of collecting, analyzing, interpreting, and communicating policy and program information used in organizational evaluations. Program and policy evaluation assists program managers and policy makers (leaders) in making decisions about which programs to fund, policies to modify, expand, or eliminate. Students will learn how to be critical and effective users of evaluations. This course will examine a broad range of social and organizational policy areas including health, criminal justice (public sector), education, public finance, human services, and development.

ORGL 3000. Reflective Seminar I. (1 Credit)
Graded "Satisfactory" or "Unsatisfactory". An introduction to the major conceptual frameworks for reflective learning that require students to reflect on and document their own assumptions, beliefs and biases and how they affected their prior learning experiences. Restricted to BS-ORGL majors.

ORGL 3050. Reflective Seminar II. (1 Credit)
Graded "Satisfactory" or "Unsatisfactory". A seminar that develops students' understanding of the conceptual frameworks for reflective learning. Restricted to BS-ORGL majors.

ORGL 3200. Intro to Organizational Dev. (3 Credits)
A broad survey of major topics in Organizational Development including but not limited to Introduction to organizational process; creation of organizational growth climates/cultures; examination and selection of effective leadership styles and effective modes of communication; coping with the future in periods of accelerating change.

ORGL 3400. Technology for Organizations. (3 Credits)
Development of intermediate and advanced skills in the use of spreadsheet, database, communication, and presentation software. Emphasis is placed on creation of computer projects appropriate to the student's major.

ORGL 4000. Reflective Seminar III. (1 Credit)
Graded "Satisfactory" or "Unsatisfactory". A seminar including critical self-evaluation of prior learning experiences using frameworks for reflection and analysis and development of students' own capacity to adapt and transform their own learning practices. Restricted to BS-ORGL majors.

ORGL 4690. Capstone Seminar in ORGL. (3 Credits)
A capstone course in which students combine reflection on prior learning with research and analysis on the learning outcomes of their current degree program and specialization, culminating in a life learning paper addressing their own abilities and limitations as learners and their progress in their degree program. Restricted to BS-ORGL majors. Prerequisite: ORGL 3000, ORGL 3050, & ORGL 4000.

ORGL 4900. Organizational Internship. (3 Credits)
Students may receive academic credit for personal experience in non-profit organizations, the political process, or public employment. Credit hours only apply toward electives.

Paralegal (PARA)

PARA 1110. Introduction to the Paralegal Profession. (3 Credits)
This course introduces the paralegal profession and the structure, function, and procedures of the legal system. Courtroom procedures, preparation of documents, case analysis, legal reasoning, career opportunities, certification, and professional affiliations will be explored with an emphasis on the issues of ethics and confidentiality. A grade of "C" or better is required in all Paralegal Courses. Corequisite: None. Prerequisite: None. Offered: Fall.

PARA 1120. The Understanding of Law. (3 Credits)
This course provides an introduction to the substantive areas of law, including contracts, property, torts, estates and probate, and criminal law, with an emphasis on developing practical paralegal skills. Students will analyze complex factual scenarios and will develop basic legal research and writing skills. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: Fall semester.

PARA 1130. Legal Research and Writing. (3 Credits)
This course provides an introduction to legal research techniques using primary and secondary authorities and writing various legal documents. Students will develop legal research skills through the use of traditional resources and computerized legal research software. Preparing and writing legal documents relating to legal research will be emphasized. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: Spring.

PARA 1140. Litigation and Trial Practice. (3 Credits)
This course presents fundamental concepts and procedures of civil litigation including the rules of civil procedure, rules of evidence, and common law principles with an emphasis on the role of the paralegal. Students will explore all phases of litigation, including discovery, trial preparation, alternative dispute resolution, and post-trial issues while focusing on their role and ethical obligations as members of a litigation team. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: On demand.

PARA 1150. Real Estate Law. (3 Credits)
This course provides an overview of the substantive law of real property and offers an examination of the procedural and practical aspects of property law with an emphasis on the role of the paralegal and the preparation of forms common to real estate transactions. A comprehensive overview of recording statues, title abstraction, title insurance, surveys, mortgages, leases, deeds of trust, and closings is provided. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: On demand.

PARA 1160. Wills, Trusts, and Estates. (3 Credits)
PARA 1160 Wills, Trusts, and Estates (3-0-3) This course presents fundamental concepts of the law of wills, trusts, and estate administration with an emphasis on the role of the paralegal. Students will examine the procedures, techniques, and the substantive law and will be exposed to legal documents commonly used in the administration of wills, trusts, and estates. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: On demand.

PARA 2110. Family Law. (3 Credits)
This course introduces principles, trends, and laws governing domestic relations, including the topics of marriage, annulment, divorce, alimony, child custody, property division, adoption, and other related topics, with an emphasis on the paralegal's role. Students will develop legal skills through mock exercises and case documentation and will examine court proceedings and ethical issues relevant to family law. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: On demand.

PARA 2120. Contract Law. (3 Credits)
This course provides an introduction to the fundamental concepts of contract law with an emphasis on the paralegal's role. Topics will include formation, performance, and enforcement of contracts under the common law and the Uniform Commercial Code, breaches of contracts, and available remedies. There will be an examination of specific contracts and draft documents that are the subject of frequent litigation. Students will develop legal skills through case documentation and will examine court proceedings and ethical issues relevant to contract law. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: On demand.

PARA 2124. Tort Law. (3 Credits)
This course provides students with a comprehensive overview of substantive tort law. Also included in this course is an introduction to the practical skills necessary for paralegals practicing in the tort law area. Some of the topics covered in the course are general tort law, negligence, defenses to negligence actions, intentional torts, injuries to property, liability, strict and absolute liability, product liability, and medical and legal malpractice. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: On demand.

PARA 2130. Bankruptcy Law. (3 Credits)
PARA 2130 Bankruptcy Law (3-0-3)This course provides an overview of the laws of bankruptcy and the rights of creditors and debtors with an emphasis on the paralegal's role. Topics will include relevant common and statutory law, bankruptcys, and reorganization from the perspective of both creditors and debtors. Students will develop legal skills through case documentation and will examine court procedures and ethical issues relevant to bankruptcy law. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: On demand.

PARA 2140. Employment Law. (3 Credits)
This course provides an overview of employment and labor law with an emphasis on the paralegal's role. Topics will include contract negotiation, contracts of employment, governmental regulations, discrimination issues, and worker's compensation. Students will develop legal skills through case documentation and will examine court proceedings and ethical issues relevant to employment and labor law. A grade of "C" or better is required in all Paralegal Courses. Prerequisite: PARA 1110. Offered: On demand.

PARA 2150. Paralegal Certification Review. (1 Credit)
This one-hour course provides a comprehensive review of relevant material for the paralegal student who will pursue national certification by examination. Students will be provided with tips for studying and will utilize sample tests and other tools to prepare for the national certification examination. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: On demand.

PARA 2160. Special Topics in Paralegal Studies. (3 Credits)
PARA 2160 Special Topics in Paralegal Studies (3-0-3) This course provides students with an opportunity to study selected advanced topics or current issues in the law relevant to paralegal students. Students may repeat this course as long as different topics are offered and as long as they do not exceed the maximum number of hours permitted. A maximum of six credit hours in special topics may be applied toward program graduation requirements in the Associate of Applied Science Degree. A maximum of three credit hours in special topics may be applied toward the certificate. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: Summer semester, or as needed.

PARA 2164. Criminal Law and Procedure. (3 Credits)
This course provides an overview of criminal law and the criminal trial process with an emphasis on the paralegal's role. Students will explore the history and structure of the American legal system, relevant common and statutory law, constitutional protections, the identification and basic elements of crimes, and the criminal trial process. Students will become well-informed about the resources available to paralegals and where to access those resources to serve clients effectively. A grade of "C" or better is required in all Paralegal courses. Prerequisite: PARA 1110. Offered: On demand.

Philosophy (PHIL)

PHIL 1010. Critical Thinking. (2 Credits)
This course is designed to introduce students to the thinking processes used in analyzing, evaluating and creating information. The purpose of the course is to promote intellectual inquiry and exchange through the application of critical thinking in personal, professional and sociopolitical contexts. Corequisite: None. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: On demand.

PHIL 1101. Critical Thinking. (2 Credits)
This course is designed to introduce students to the thinking processes used in analyzing, evaluating and creating information. The purpose of the course is to promote intellectual inquiry and exchange through the application of critical thinking in personal, professional, and sociopolitical contexts. (previously CRIT 1101) Corequisite: minimum COMPASS Reading score of 74 or enrollment in READ 0099. Offered: On demand.

PHIL 2010. Intro to Philosophy. (3 Credits)
Introduction to the central issues, questions, and theories of Western Philosophy. Topics covered include logic and critical thinking; religion; knowledge and skepticism; philosophy of mind; freedom and determinism; and ethics. Students are expected to engage in philosophical discussion based on primary and secondary texts.

PHIL 2030. Ethics. (3 Credits)
A general introduction to ethical theories and their application to moral issues as well as an exposure to dominant meta-ethical approaches. Emphasis is placed on the student developing a decision-making scheme to apply to moral dilemmas. Credit may not be received for both PHIL 2210 and ETHI 1101. Prerequisite: PHIL 2010 or permission of instructor. Offered: On demand.

PHIL 2101. Introduction of Philosophy. (3 Credits)
A survey of the fundamentals of philosophy. Consideration given to the validity, knowledge and truth claims, the nature of ultimate reality, the nature of moral and ethical judgments, the just society, the meaning of life as well as philosophical methodology.

PHIL 2205. Introduction to Philosophy. (3 Credits)
A survey of the major sub-fields of philosophy including epistemology, ontology,logic, ethics, social and political philosophy, aesthetics and philosophy of religion. Key problems that concern contemporary philosophers are explored and the dominant positions explained. Prerequisite: ENGL 1101 or permission of instructor. Offered:On demand.

PHIL 2210. Ethics. (3 Credits)

PHIL 4120. Professional Ethics. (3 Credits)
This course introduces students to ethical issues common to the professions. The term "profession" is a label for a class of occupations, exemplified by the traditional model of the lawyer or physician. We will think about characteristics of these occupations that distinguish them as a class and how these characteristics are realted to a variety of ethical problems.

Phlebotomy (PHLE)

PHLE 1101. Phlebotomy I. (2 Credits)
Introduction to Phlebotomy: liability, safety, equipment and techiques for blood sample collection. Prerequisite: None. Offered: Fall.

PHLE 1102. Clinical Phlebotomy II. (4 Credits)
Clinical practice in an affiliate clinical laboratory. The clinical experience enables the student to practice skills and develop competence under the supervision of the laboratory staff. Prerequisite: PHLE 1101. Offered: Spring, A and B Term.

Physical Education (PEDH)

PEDH 1008. Progressive Resistance Exersize. (1 Credit)
A planned fitness training program to increase muscular strength and tone through a planned progressive series of exercises performed on the weight machine and other apparatus.

PEDH 3384. Adapted Physical Education and Diversity in Classroom. (3 Credits)
Consideration is given to the various forms of physical activities whereby full services can be rendered to individuals who, because of physical and mental disabilities, are unable to participate in regular activities. Laboratory experiences are included.

PEDH 4480. Major Seminar & Practice. (1 Credit)
Organization and management of class instruction and group supervision. The student gains experience through service classes and the laboratory school under the supervision of the teaching staff of the physical education department.

Physical Science (PHSC)

PHSC 1011K. Physical Science I. (4 Credits)
This course is a brief survey of the important aspects of physics and astronomy. The goal of this course is to provide students with a solid background concerning basic topics in physics and astronomy including topics on basic mechanics, heat, waves, sound, light, electricity and magnetism, universal galaxies, stars and planets. This course is for students not majoring in mathematics or science and will not count toward graduation if a physics course is presented for graduation. Laboratory exercises supplement the lecture material. This course cannot be used with PHYS 1111 to satisfy Area D for students majored in sciences. Prerequisites: Satisfactory score on mathematics placement test or completion of READ 0099, ENGL 099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher; MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into corequisite remediation or higher. Offered: Fall.

PHSC 1012K. Physical Science II. (4 Credits)
This course is a brief survey of the important aspects of chemistry and geology. The goal is to provide students with a solid background concerning basic topics in chemistry and geology. This course is for students not majoring in mathematics or science and will not count toward graduation if chemistry is presented for graduation. Laboratory exercises supplement the lecture material. This course cannot be used with CHEM 1100 or CHEM 1211 to satisfy Area D for students majored in sciences. Prerequisite: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into corequisite remediation or higher; MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into corequisite remediation or higher. Offered: Spring, Summer.

Physical Therapist Assistant (PTAS)

PTAS 1100. Intro to Physical Therapy. (1 Credit)
Explanation of the philosophy and history of the physical therapy profession and its relationship to other health care agencies and providers. Topics include: introduction to the structure and function of the American Physical Therapy Association, the development of the Physical Therapy Association, medical-legal aspects and professional ethics, critical thinking/problem solving and an introduction to documentation. Prerequisite: Admission to PTA program. Corequisite: PTAS 1110, PTAS 1115, PTAS 1125. Offered: Fall.

PTAS 1105. OrientationPatient Care Skills. (3 Credits)
Orientation of basic concepts and procedures of patient care in physical therapy. Topics include documentation and chart review, basic administrative skills, teaching and learning principles, patient positioning and draping, body mechanics, vital sign monitoring, transfers, assistive devices and gait training, infection control, aseptic techniques, architectural barriers and accessibility, special patient care equipment and environment and basic soft tissue techniques. Prerequisites: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125. Corequisites: PTAS 1121, PTAS 1130, PTAS 2010. Offered: Spring.

PTAS 1110. Function Anatomy & Kinesiology. (4 Credits)
Understanding of human movement and its impact on function through the integration of biomechanics, kinesiology, and applied anatomy. Principles will be reinforced through a problem-solving approach. Goniometric measurements, manual muscle testing, and palpation skills of the upper extremity, lower extremity, trunk, and head will be included. Corequisites: PTAS 1100, PTAS 1115, PTAS 1125. Prerequisite: Admission to PTA Program. Offered: Fall.

PTAS 1115. Clinical Pathology. (3 Credits)
The pathophysiology of selected disorders commonly encountered in physical therapy. Etiology, signs and symptoms, diagnostics, treatment, and prognosis of disease and injury will be included. This is an on-line course. Corequisites: PTAS 1100, PTAS 1110, PTAS 1130. Prerequisite: Admission to PTA Program. Offered: Fall.

PTAS 1121. Therapeutic Exercise I. (4 Credits)
Emphasizes demonstration and practice of common therapeutic exercise utilized in physical therapy that include active, active assistive, and passive range of motion. Data collection and performance of manual muscle testing and special tests will be explored along with treatment interventions for common musculoskeletal disease, dysfunction, and injury for treatment of neck, shoulder, arm, hand, postural abnormalities, and body mechanics with an emphasis on ergonomics. Principles of patient care will be developed utilizing critical thinking and problem-solving skills in the selection and application of treatment interventions based on the plan of care. Prerequisites: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125. Corequisites: PTAS 1105, PTAS 1130, PTAS 2010. Offered: Spring.

PTAS 1122. Therapeutic Exercise/Spec Pop. (4 Credits)
Advanced therapeutic exercise techniques used in specialty areas of physical therapy, including, but not limited to: arthritis, wound care, burns, cardiopulmonary, peripheral vascular disease, geriatrics, amputation, women's health, cancer and chronic pain. Corequisites: PTAS 1125, PTAS 1135, PTAS 2050. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1130, PTAS 2010, PTAS 2100. Offered: Summer.

PTAS 1125. Physical Agents. (4 Credits)
Therapeutic properties and application of physical agents used in the delivery of physical therapy services. Electromyography will be included. Emphasis is on problem-solving skills necessary to provide an integrated approach to patient care. Students must demonstrate basic skill acquisition in using equipment and the ability to choose appropriate physical agents based on the physical therapist's plan of care. This course is web-enhanced. Corequisites: PTAS 1100, PTAS 1110, PTAS 1115. Prerequisite: Admission to PTA Program. Offered: Fall.

PTAS 1130. Appl Neurology & Gait Analysis. (3 Credits)
Basic neurophysiological concepts used as a foundation for understanding normal and abnormal function. Theory and application of fundamental neuro-anatomy and physical data collection techniques will be introduced. Normal and abnormal gait concepts are covered. Part-time clinical experience will be included. Corequisites: PTAS 1105, PTAS 1121, PTAS 2010. Prerequisite: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125. Offered: Spring.

PTAS 1135. Seminar/Phy Ther Assistant I. (2 Credits)
Adaptation of psychosocial principles in the development of self-understanding and communication with patients, families, the public and other health care teams. Develops basic administrative skills in scheduling patients, patient charges, explanation of reimbursement, important of incidence report, risk management and continuous quality improvement. The Rules and Laws of the Georgia State Board of Physical Therapy will be explored. Clinical professionalism is also emphasized along with time management and professional development. Corequisites: PTAS 1122, PTAS 2100, PTAS 2050. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1125, PTAS 1130, PTAS 2010. Offered: Summer.

PTAS 2010. Clinical Practicum I. (2 Credits)
First full-time clinical experience in which students integrate component clinical skills and prerequisite knowledge into a patient management framework. Emphasis is on the development of critical thinking abilities, professional and ethical behaviors, responsibility, and effective management of time and resources. This practicum is 40 hours per week for 3 weeks. Corequisites: PTAS 1105, PTAS 1121, PTAS 1130. Prerequisite: PTAS 1100, PTAS 1110, PTAS 1115, PTAS 1125.Offered: Spring.

PTAS 2020. Clinical Practicum II. (5 Credits)
Second full-time clinical rotation in which the student gains additional experience in a health care facility observing and practicing skills under the supervision of a clinical instructor. The student will implement patient care utilizing knowledge from all didactic coursework for critical thinking and problem-solving in the selection and application of treatment interventions based on the physical therapist's plan of care. This practicum is 40 hours per week for 6 weeks. Corequisites: PTAS 2025, PTAS 2200. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1122, PTAS 1125, PTAS 1130, PTAS 1135, PTAS 2010, PTAS 2050, PTAS 2100. Offered: Fall.

PTAS 2025. Clinical Practicum III. (5 Credits)
Final clinical experience in which students achieve refinement of all competencies from Clinical Practicums I & II, as well as expansion into other areas of physical therapy care while under the supervision of a clinical instructor. Upon successful completion, the student will demonstrate entry-level competency as a physical therapist assistant. The student will demonstrate strong cognitive, motor, and organizational skills. He/she will handle the responsibilities and possess the sound judgment required of a physical therapist assistant. The practicum is 40 hours per week for 6 weeks. Corequisites: PTAS 2020, PTAS 2200. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1122, PTAS 1125, PTAS 1130, PTAS 1135, PTAS 2010, PTAS 2050, PTAS 2100. Offered: Fall.

PTAS 2050. Therapeutic Exercise II. (3 Credits)
Continues education from Therapeutic Exercise I for data collection and performance of manual muscle testing and special tests along with treatment interventions for common musculoskeletal disease, dysfunction, and injury for treatment of the spine, hip, knee, ankle, foot, and gait abnormalities. Principles of patient care will continue to be utilized, along with critical thinking and problem-solving skills in the selection and application of treatment interventions based on the plan of care. Corequisites: PTAS 1122, PTAS 1135, PTAS 2100. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1125, PTAS 1130, PTAS 2010. Offered: Summer.

PTAS 2100. Neurological Rehabilitation. (3 Credits)
Principles of patient management of adults and children with central nervous system disorders utilizing neurophysiological data collection methods and treatment interventions. General topics will include cerebrovascular accidents, pediatrics, spinal cord injury, head injury, and other selected disorders commonly referred for physical therapy. This class meets 7.5 hours per week for 10 weeks.Corequisites: PTAS 1122, PTAS 1135, PTAS 2050. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1125, PTAS 1130, PTAS 2010. Offered: Summer.

PTAS 2200. Seminar for Physical Therapy Assistants II. (2 Credits)
An exploration of the clinical experience through the presentation of a case study (both written and orally.) Topics will include interview skills, resume skills, and preparation/review for state board examinations. Corequisites: PTAS 2020, PTAS 2025. Prerequisites: PTAS 1100, PTAS 1105, PTAS 1110, PTAS 1115, PTAS 1121, PTAS 1122, PTAS 1125, PTAS 1130, PTAS 1135, PTAS 2010, PTAS 2050, PTAS 2100. Offered: Fall.

Physics (PHYS)

PHYS 1001. Physical Science I. (3 Credits)
This course is designed for non-science majors, and covers fundamental principles of physics, survey of astronomy, including topics on basic mechanics, heat, waves, sound, light, electricity and magnetism, universal galaxies, stars and planets. (non-science majors)

PHYS 1001K. Physical Science I. (4 Credits)
This course is designed for non-science majors, and covers fundamental principles of physics, survey of survey of astronomy, including topics on basic mechanics, heat, waves, sound, light, electricity and magnetism, universal galaxies, stars and planets. (Non-science majors)

PHYS 1001L. Physical Science I Lab. (1 Credit)
This course is designed for nonscience majors, and covers fundamental principles of physics, survey of astronomy, including topics on basic mechanics, heat, waves, sound, light, electricity and magnetism, universal galaxies, stars and planets.

PHYS 1002. Physical Science II. (3 Credits)
This course covers the fundamental principles and description of atomic structure, elements, compounds, formula, equations, organic chemistry, nuclear reactions, rocks, minerals, geological cycle, weather and climate. (non-science majors)

PHYS 1002K. Physical Science II. (4 Credits)
This course covers the fundamental of earth and space sciences including the universe, solar system, the earth, rocks, minerals, geological cycle, weather and climate. (non-science majors)

PHYS 1003. Earth & Space Science. (3 Credits)
This course covers the fundamentals of earth and space sciences including the universe, solar system, the earth, rocks, minerals, geological cycle, weather and climate. (non-science majors) Co-requisite(s): PHYS .

PHYS 1003K. Earth & Space Science. (4 Credits)
This course covers the fundamental of earth and space sciences including the universe, solar system, the earth rocks, minerals. geological cycle, weather and climate. (non-science majors)

PHYS 1010. Physics Appreciation. (3 Credits)
This course covers surveys the development of physics from Newton to the present day and its technological impact on modern society. (non-science major)

PHYS 1011K. Introduction to Physical Science I. (4 Credits)
This course is a brief survey of the important aspects of physics and astronomy. The goal of this course is to provide students with a soldi background concerning basic topins in physics and astronomy including topics on basic mechanics, heat, waves, sound, light, electricity and magnetism, universal galaxies, stars and planets. This course is for students not majoring in mathematics or science will not count toward graduation if a physics course is presented for graduation. Laboratory exercises supplement the lecture material. This course cannot be used with PHYS 1111 to satisfy Area D for students majored in sciences. Prerequisites: Satisfactory score on mathematics placement test or completion of READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher; MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into corequisite remediation or higher. Offered: Fall.

PHYS 1012K. Introduction to Physical Science II. (4 Credits)
This course is for students not majoring in mathematics or science and is a brief survey of the important aspects of chemistry and geology; will not count toward graduation if chemistry is presented for graduation. Laboratory exercises supplement the lecture material. Prerequisite: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into corequisite remediation or higher; MATH 0099, MATH 0987, MATH 0989 or satisfactory math scores to place into corequisite remediation or higher. Offered: Spring, Summer.

PHYS 1020. Survey of Modern Science & Tech. (3 Credits)
A multimedia course that surveys the advances of modern technology inspired by the physical sciences, the inter-relationships between various science and non-science disciplines and reviews the impact of physics on their study.

PHYS 1110K. Honors Physical Science. (4 Credits)
This course covers fundamental principles of physics including topics on basic mechanics, heat, waves, sound, light, electricity and magnetism and selected topics in nuclear physics. (non-science majors)

PHYS 1111K. Introductory Physics I. (4 Credits)
This is an introductory course in physics for science majors. Trigonometry is frequently used. It covers mechanics(kinematics, dynamics, work and energy, momentum and collisions, and rotational motion and statics), and may also include thermodynamics and waves mechanics, thermodynamics and waves. It promotes students understanding of natural phenomena as well as analytical critical thinking skills. A glimpse of the practical application of physics in everyday life is highlighted. Physical concepts as well as problem solving skills are stressed in this course. Laboratory excercises supplement the lecture material. Prerequisite: Pre-Calculus (MATH 1113). Offered: Fall and Summer.

PHYS 1112K. Introductory Physics II. (4 Credits)
This is the second part of the introductory physics and covers electrostatics, electric current and circuits, and electromagnetism, and may also include optics and modern physics. Elementary algebra and trigonometry will be used Laboratory exercises supplement the lecture material. Prerequisite: PHYS 1111K US D.

PHYS 1211K. Principles of Physics I. (4 Credits)
An introductory course which will include material from mechanics, thermodynamics and waves. Elementary differential calculus will be used. This course has a laboratory component that requires a lab kit.

PHYS 2100. Computer Applications. (3 Credits)
This course is designed to give students the necessary computer skills in using spreadsheets, word processors, data-base applications, graphics and other scientific software that facilitate learning, data analysis and simulation relevant to science disciplines. Offered: Fall, Spring, and Summer.

PHYS 2120. Applied Math for Sciences I. (2 Credits)
This fundamental mathematical concepts and tools needed in the study and application of scientific principles and laboratory practices are covered in this course.

PHYS 2121. Applied Math for Sciences II. (2 Credits)
A course in advanced mathematical concepts and tools needed in the study and application of scientific principles and laboratory practics. Prerequisite: PHYS 2120.

PHYS 2211K. Principles of Physics I. (4 Credits)
This is an introductory course in calculus-based physics for Chemistry and Pre-Engineering majors. This course covers mechanics (kinematics, dynamics, work and energy, momentum and collisions, and rotational motion and statics), and may also include thermodynamics and waves. Elementary differential calculus is used. Laboratory exercises supplement the lecture material. Students receiving credit for PHYS 2211K cannot receive credit for PHYS 1111K. Prerequisite: A grade of C or better in Calculus I (Math 1211) Offered: Spring.

PHYS 2212K. Principles of Physics II. (4 Credits)
This is the second part of calculus-based introductory physics course for Chemistry and Pre-Engineering Majors. This course covers electrostatics, electric current and circuits, and electromagnetism, ad may also include optics and modern physics. Elementary calculus will be used. Laboratory exercises supplement the lecture material. Prerequisite: A grade of D or better PHYS 2211K. Co-requisite: Calculus II (Math 1212) Offered: Fall .

PHYS 2221K. Principals of Physics I. (4 Credits)
An introductory course in calculus-based physics for science and engineering majors; it covers topics on motion, force, work, energy, heat, thermodynamics and electricity. Prerequisite: MATH 1211.

PHYS 2222K. Principals of Physics II. (4 Credits)
An introductory course in calculus-based physics for science and engineering majors; it covers topics on electromagnetic theory, waves, light and sound. Prerequisite: PHYS 2221K.

PHYS 2223K. Principals of Physics III. (4 Credits)
An introductory course in calculus-based physics for science and engineering majors; it covers selected topics in quantum and modern physics including atomic structure. Prerequisite: PHYS 2222K US C.

PHYS 2250. Responsible Conduct of Research. (2 Credits)
This course is designed to provide appropriate training and oversight in the responsible and ethical conduct of research to students engaging in undergraduate research. Ethical and policy issues relevant to the responsible conduct of research will be discussed. Analysis and application of topics including conflict of interest, responsible authorship, policies for handling misconduct, data management, data sharing, and policies involving use of human and animal subjects.

PHYS 3001. Advanced Concepts in Physics. (4 Credits)
This course is designed for the middle grades science teachers and covers the physics portion of the Science curriculum. The following topics will be covered: heat, waves, sound, light, motion, force, energy, electricity, and magnetism. the lab includes demonstrations that may be utilized in explaining physics principles. Prerequisite: PHYS 1001 US C.

PHYS 3002. Advanced Earth and Space Science. (4 Credits)
A study of the earth and its connection to other celestial bodies. Theories about the information of the solar system and the universe will be explored. Earth resources and forces that shape the earth will be explored. Earth=s atmosphere and weather elements will be studied.

PHYS 3111. Mechanics I. (3 Credits)
A course that covers elements of coplanar statics of particles and rigid bodies and analysis of forces on structures and beams. Prerequisite: PHYS 2221K US C.

PHYS 3112. Mechanics II. (3 Credits)
A course that covers the study of one-, two- and three dimensional motion of particles and rigid body motion.

PHYS 3220. Thermodynamics. (3 Credits)
This course involves the study of the principles and concepts of heat and thermodynamics including thermal equilibrium, reversible and non-reversible processes and heat engines.

PHYS 3311. Electricity & Magnetism I. (3 Credits)
An intermediate level course covering electrostatics, electric and magnetic fields and forces, electromagnetic induction, AC and DC circuits.

PHYS 3312. Electricity & Magnetism II. (3 Credits)
An advanced level course covering magnetic properties of matter, time-variable electric and magnetic fields, Maxwell's equations and their application to the generation and transmission of electromagnetic waves. Prerequisite: PHYS 3311 US C.

PHYS 4011L. Advanced Laboratory I. (3 Credits)
This course is designed to provide students with laboratory skills in physics; it covers experiments in classical and modern physics including the Frank-hertz experiments, photo-electric effets, X-rays, optical and microwave spectroscopy.

PHYS 4012L. Advanced Laboratory II. (3 Credits)
This course is designed to provide students with laboratory skills in physics; it covers experiments involving electric and electronic circuits including memory and logic circuits and storage devices. Prerequisite: PHYS 4011L.

PHYS 4110. Optics. (3 Credits)
In this course, wave motion, properties and applications of lenses in optical instruments, interference, diffraction and other optical phenomena and quantum theory of light are investigated.

PHYS 4121. Modern Physics I. (3 Credits)
In this course the student is introduced to the principle and phenomenology of modern physics including special theory of relativity and selected topics in atomic and molecular physics are covered in this course. Prerequisite: PHYS 2222K US C or PHYS 2222 US C.

PHYS 4122. Modern Physics II. (3 Credits)
A continuation of PHYS 4121, in which topics involving nuclear structure and radioactivity, and selected topics in quantum and solid state physics are examined. Prerequisite: 4121 US C.

PHYS 4230. Special Projects. (3 Credits)
Independent study and research on a selected topic in physics and/or in a related field in which a project report and presentation are required.

PHYS 4240. Internship. (3 Credits)
Internship at off-campus sites to provide experience and training in a real-life work environment.

Political Science (POLS)

Course Descriptions (Per Subject)

POLS 1101. American Government. (3 Credits)

The course is an introduction to essentials of national government in the United States including modules on political institutions, elections, and political culture. The course also includes a module on the Georgia State government. This course satisfies the legislative requirement for U.S. History, U.S. Constitution, Georgia History, and Georgia Constitution.

POLS 1101H. Honors American Government. (3 Credits)

An introductory course covering the essentials of national government in the United States. This course gives some attention to the State of Georgia and satisfies the state law requiring an examination of United States history and Constitution.

POLS 1105. Current World Problems. (2 Credits)

An introduction to the political issues that transcend national boundaries such as the environment, population, immigration, nuclear proliferation, terrorism, religion, natural resources, etc. Corequisite: None. Prerequisite: READ 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: On demand.

POLS 2101. Introduction to Political Science. (3 Credits)

A survey of different areas of political science, basic concepts and approaches to the study of Political Science, the nature of the state, government and law in society.

POLS 2102. Introduction to Law. (3 Credits)

Introduction to the nature of the law; legal mechanisms and judicial processes underlying American jurisprudence.

POLS 2104. Introduction to Globalization. (3 Credits)

As we enter the second decade of the twenty-first century, the world in which we live is defined by two intertwined trends; constant rapid change, and interdependence between different parts of the world. Due to the continuous rapid developments of technologies in trade, travel, and communications, the world is now a global village in which boundaries are shrinking and interconnections are expanding. With this globalization comes the necessity for literacy about other societies, cultures, and countries and the common issues faced by the global community. To introduce students to the high-velocity, geopolitical border permeable, interconnected world that is blurring the lines of social, political, economic and cultural boundaries.

POLS 2105. Introduction to Professional Legal Writing. (3 Credits)

This course explores writing methods appropriate to the legal profession. It emphasizes critical reading, logical thinking, cogent analysis and argument, and clear, exact language. Introduction to Professional Legal Writing is not designed to teach substantive law; rather, the course provides an opportunity to develop skills in expository and argumentative writing. Students will develop strong legal writing skills including precision and clarity, legal citation and format, drafting of law office and trial memoranda, trial court briefs, appellate briefs, and abstracting depositions.

POLS 2106. Introduction to Legal Research. (3 Credits)

This course provides students with a practical understanding of the types of legal authority, including how to access and use them in print and online formats. Advantages and disadvantages of online and print resources will be covered as each type of authority is discussed. Methods for making research more efficient will also be discussed.

POLS 2201. American State & Local Govt. (3 Credits)

Organization, structure, and operation of American state and local governments, with Georgia used as a basis for study. Corequisite: None. Prerequisite: POLS 1101 with a grade of “C” or better. Offered: On demand.

POLS 2301. Intro. to Comparative Politics. (3 Credits)

A comparative survey of the politics and structure of government in major nation-states. Corequisite: None. Prerequisite: POLS 1101 with a grade of “C” or better. Offered: On demand.

POLS 2401. Introduction to Global Issues. (3 Credits)

An overview of the structure and processes of the international political-economic system, including topics such as economic and social interdependence, international trade, war and power, oil politics, green politics and the problems associated with developing countries. Corequisite: None. Prerequisite: POLS 1101 with a grade of "C" or better. Offered: On demand.

POLS 3201. Public Policy. (3 Credits)

An analysis of diverse public policy issues, as well as the decision process leading to the formulation of government policy. An analysis of societal factors that influence policy, and the effect of government policy on society.

POLS 3511. Comparative Government. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior A survey of political structures, institutions, and ideologies of major governmental systems. This course also analyzes the decision-making processes, political conflicts and change, and group interactions. Theories and basic concepts that political scientists use in comparative analysis.

POLS 3600. Intro to Public Administration. (3 Credits)

A focus on the study of public administration processes and underlying theories within American government structures. Emphasis is on the pragmatic aspects of current government leadership and public agency management.

POLS 3601. Political Science Methods II. (3 Credits)

This course helps students understand the process and components of research methods in social sciences, especially in poltical science. It covers topics such as empirical research, research questions, hypotheses, research design, data collection, data analysis, and ethical issues in conducting research. It focuses on practical examples and skills by which students can develop, design, and conduct empirical research.

POLS 3602. State and Local Government. (3 Credits)

A study of the forms and structures of state and local government, the formal and informal political and administrative processes of state legislatures, municipal chambers, and judicial bodies. This course also addresses social, community, economic, and political issues that are relevant to both types of government.

POLS 3609. Amercan Foreign Policy. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. An analysis of the formulation and execution of American Foreign Policy, its purposes and trends. This course covers historical backgrounds, economic and political factors, domestic and international determinants, and major contemporary problems in American Foreign Policy. It also examines the roles of the major institutions such as the presidency, congress, and the media in the policy making process.

POLS 3610. Public Admin & Policy Form. (3 Credits)

Development of desktop publishing concepts and their application to the modern office. Basic, intermediate, and advanced features of a variety of application programs for page design will be used to create various business-related documents.

POLS 3611. Urban Politics. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Study of urban political processes concentrating on the problems of government and administration of cities, as well as key issues of public policy in the urban arena.

POLS 3612. African-American Politics. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. This course addresses the historic and contemporary roles that African Americans have played in the American political process from 1865 to the present. Designed to provide a holistic approach, this course explores the impact of slavery, political, social and economic movements, as well as the impact of key leaders in the civil rights movement and landmark legal decisions.

POLS 3614. The Presidency. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Nature and problems of presidential leadership, including the historical evolution of the office, contemporary power, and relationships with other institutions and agencies of government.

POLS 3616. Political Parties/Pressure Group. (3 Credits)

History, organization and functioning of American political parties and pressure groups, with emphasis upon their roles in the formation of public policy.

POLS 3617. The Legislative Process. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Introduces the elements of the legislative process, the role and behavior of lawmaking officials and interest groups with which they interact in the process of making law at the national and state levels.

POLS 3618. Elections & Electoral Behavior. (3 Credits)

Considers elections, electioneering in the American democratic process and current research on American electoral behavior.

POLS 3701. Judicial Process. (3 Credits)

Nature of the judicial process in the United States with special emphasis on the functions of the courts and court personnel in the pursuit of justice.

POLS 3702. American Constitutional History. (3 Credits)

Study of judicial interpretation of the Constitution of the United States, through the review of selected decisions of the United States Supreme Court.

POLS 3703. Constitutional Law I. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Federal system in Constitutional law. Uses a case by case approach to uncover the meaning and dimension of federalism.

POLS 3704. Constitutional Law II. (3 Credits)

Focus is on the Constitution and the individual. Treats basic rights of the individual in the Bill of Rights, the 14th, 15th and 19th Amendments, using a case by case approach.

POLS 3705. Trial Advocacy. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. A hands-on participatory course designed to introduce students to the planning, analysis and strategy in presenting civil and criminal litigation at the trial stage.

POLS 3708. Civil Rights & Minorities. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Constitutional rights as they pertain to minorities in American society, through a case-by-case approach.

POLS 3813. Public Administration. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Introduction to the basic theories of the administration of the public's business. Prerequisite: POLS 1101 or permission of instructor.

POLS 3815. Municipal Government. (3 Credits)

Forms and structures of municipal governments in America and the problems of administering the delivery of services to citizens.

POLS 4200. Principles of Public Admin. (3 Credits)

An introductory examination of the characteristics of the public organization and its impact on society. Analysis of the theories of public administration, personnel issues, budgetary activities, legal dynamics, as well as historical development of the field are included.

POLS 4202. Interorganizational Behavior. (3 Credits)

This course is designed to provide an understanding of the dynamics of and the interrelationships among and between the federal, state, and local levels of government.

POLS 4204. Public Finance. (3 Credits)

A study of the equity and economic effects of government spending programs, taxes, and debt. The course is primarily applied microeconomics.

POLS 4210. Public Management. (3 Credits)

Various changes in the management of public organizations are identified and analyzed. Includes the role of technology, modification of the relationship between public and private spheres, and current trends in the management of change and supervision of a diverse work force.

POLS 4215. Mgmt of Non-profit Orgs. (3 Credits)

This course is designed to explore the theoretical principles and practical applications of management for charities and/or nonprofit organizations. The underlying thesis of this course is that by understanding fundamental principles such as developing effective mission and objectives statements, fundraising, marketing and accounting strategies, nonprofits can become more effective and responsive to their constituency's needs. The course will include a field research component.

POLS 4217. Grant Writing Nonprofit Orgs. (3 Credits)

This course introduces students to the world of grant-writing and management, and provides an opportunity to experience writing actual grants. Students will learn the process of identifying prospective funders, developing relationships with funders, understanding the basics of writing grants, submitting proposals, working as a collaborative, and preparing for the follow up. Students will apply course learning to write and prepare actual grant proposals.

POLS 4218. Project Mgmt in Public Sect.. (3 Credits)

This course will discuss the theory, principles, tools, and techniques necessary to build a solid project management foundation. The Project Management Institute's (PMI) standards for project management will be emphasized throughout the course.

POLS 4219. Public Human Resource Mgmt. (3 Credits)

This course will examine the processes, policies, procedures and laws concerning public personnel. It will also cover the issues of employee protection, motivation, efficiency and responsibility.

POLS 4220. Administrative Law and Government. (3 Credits)

This course introduces the student to the relationship between administrative law and American government as well as the ethics and challenges inherent in administrative law decision making. It is designed for undergraduates who are interested in public administration and public policy. While the course reviews and discusses the cases that form the basis of administrative law, the focus is on the understanding and application of principles rather than case law.

POLS 4221. Gov. Org and Admin Theory. (3 Credits)

A systematic analysis of theories or organization, management, and administration. Special consideration will be given to institutional, behavioral, and psychological factors.

POLS 4371. Research Methods I. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Two-part course provided as enrichment experience for senior level students. Structured to provide enrichment on two levels-extension of methodology for studying political behavior and substantive knowledge about the political system. Particular emphasis will be on the experience of planning and executing research projects.

POLS 4372. Research Methods II. (3 Credits)

Two-part course provided as enrichment experience for senior level students. Structured to provide enrichment on two levels- extension of methodology for studying political behavior and substantive knowledge about the political system. Particular emphasis will be on the experience of planning and executing research projects.

POLS 4401. History of Political Thought. (3 Credits)

Must be enrolled in one of the following Class(s): Junior. Senior. This Course explores the philosophies of such men as Plato, Machiavelli, Hobbes, Locke, Marx, and Hegel. Focus will be on the assumptions that each thinker makes about human nature and the vision of a good society that flows from those assumptions.

POLS 4512. Politics and Institutions in Developing Countries. (3 Credits)

Must be enrolled in one of the following Class(s) Junior, Senior. An examination of the institutions and political processes in developing countries, with an emphasis on the economic, cultural, and political trends in these states. Problems arising in transitions from traditional to modern industrial state will be examined.

POLS 4513. Issues in Global Politics. (3 Credits)

Must be enrolled in one of the following Class(s) Junior, Senior. An examination of the institutions and political processes in developing countries, with an emphasis on the economic, cultural, and political trends in these states. Problems arising in transitions from traditional to modern industrial state will be examined.

POLS 4514. International Relations. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. The historical and analytical study of basic concepts and theories of International Relations, such as realism, idealism, pluralism, and globalism. This course also focuses on the study of the diplomatic, ideological and imperialistic rivalries in the contest for world power.

POLS 4515. International Organizations. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. A study of national and international organizations utilized in the conduct and regulation of international transactions and their procedures. Emphasis is placed on a critical survey of the major themes, ideas and trends of

international organizations. Special attention will be paid to the United Nations and related organizations.

POLS 4600. Govt Org & Admin Theory. (3 Credits)

A systematic analysis of theories of organization, management, and administration. Special consideration will be given to institutional, behavioral, and psychological factors.

POLS 4610. Public Personnel Admin. (3 Credits)

An examination of procedures and problems of governmental personnel administration. Studies of governmental agencies are encouraged to give students first-hand knowledge of governmental personnel administration.

POLS 4619. Legislative Internship. (9 Credits)

Albany State is one of several university system schools to participate in the legislative internship program that allows students to serve as interns with members of the Georgia General Assembly during the legislative session (usually Jan to the 1st of April). Most schools converted to a 9 hour credit (15 hours under the quarter system) during the semester conversion.

POLS 4620. Public Finance Admin.. (3 Credits)

A study of the activities involved in the collection, custody, and expenditure of public revenue, such as the assessment and collection of taxes, public borrowing and debt administration, the preparation and enactment of the budget, financial accountability and the audit.

POLS 4650. Intergovernmental Relations. (3 Credits)

A study of federal, state, and local governmental interactions, with an emphasis on the implications of these interactions for public management.

POLS 4814. Theory & Practice of Public Administration. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Study of organizational theory, bureaucratic behavior, administrative structures, process, and planning.

POLS 4816. Model United Nations. (3 Credits)

Designed to provide an orientation to the activities of the United Nations, as well as provide an understanding of the modalities of international diplomacy.

POLS 4817. Politics of Globalization. (3 Credits)

A critical analysis of the trends and contradictions that produce increasing interconnectedness of economics, cultures, and peoples in today's "borderless world."

POLS 4818. Public Administration Internship. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Independent study course utilizing the service-learning experiences as a basis for intensive study of public administration and the political process.

POLS 4819. International Political Economics. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. This course focuses on the social, political, and economic arrangements affecting the global systems of production, exchange, and distribution of goods and services. The course also seeks to examine the dynamic interactions between market and state, and how they are impacted by ideology, culture, and values.

POLS 4820. Area Studies of Africa, Caribbean, Eastern Europe & Latin America. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. This Area Studies course explores the historical, cultural, political, and economic factors that underscore the relations of African states, the Caribbean states, Eastern Europe, and Latin America. The course also examines the systemic obstacles that mitigate against a more sustainable interface of these nation-states as a result of their insertion into the world system.

POLS 4821. International Internship/Seminar. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. This course deals with experimental education through work-study, field research, and study abroad for students. Participants will work side by side with experienced professionals in the international area.

POLS 4822. Politics & Culture of Developing World. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. The course will focus on the study of politics and cultures of all developing economies and will be organized around the theme that globalization is accelerating change in developing countries. Students will also be exposed to the theories of dependence and interdependence.

POLS 4823. International Relations of Sub-Saharan Africa. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. This course focuses on the relations of sub-Saharan Africa, and other nation-states and non-state actors in the international system. Considerable attention is given to the foreign policies of sub Saharan African states as well as key social, economic, and political issues shaping the international relations of African states.

POLS 4824. Political Economy of African and the Caribbean. (3 Credits)

Must be enrolled in one of the following Class(s): Junior, Senior. Aimed at bridging politics and economics, this course explores the historical evolution of the economics of African and the Caribbean states and the constraints and strategies of economic growth following political independence. The course also provides a critical review of the global economic system with the view to charting a road map to political stability, sustainable economic development, and social equity in that region.

POLS 4826. Special Topics in Political Science. (3 Credits)

This course is aimed at alerting students to not only the current events that occupy the attention of world leaders, but also to the complex interplay of historic, cultural, environmental, economic, and political factors that account for global upheavals, harmonies, and apprehensions. The transitory nature of the world - marked by the break-up of the former Soviet Union, the systematic diminution of state sovereignty, globalization, narcotic-trafficking, terrorism, and the AIDS pandemic - makes these exciting times to study politics. This course is deliberately designed to challenge students to develop critical reading, analytical thinking, and moral reasoning.

POLS 4860. Public Relations in PA. (3 Credits)

Selected topics of political and current interest in public administration. The course may be repeated for credit if topics are different.

Psychology (PSYC)

PSYC 1101. General Psychology. (3 Credits)
Introduction to the science of psychology. Major topics including learning, memory, motivation, personality, social behaviors, maturation, and development.

PSYC 2103. Human Growth & Development. (3 Credits)
An introductory, non-laboratory based examination of human development across the lifespan with an emphasis on normal patterns of physical, cognitive, and social development. Prerequisite: PSYC 1101. Offered: All semesters.

PSYC 2210. Professions of Psychology. (1 Credit)
The purpose of this one-credit, required course for psychology majors, is to provide you with information and skills that will help you select and pursue a career in psychology or a related field.

PSYC 2225. Intro to Abnormal Psychology. (3 Credits)
A survey of the symptoms, causes and treatments of the various categories of mental disorders listed by the American Psychiatric Association in the current edition of the Diagnostic and Statistical Manual (DSM). Prerequisite: PSYC 1101. Offered: All semesters .

PSYC 2226. Introduction to Social Psychology. (3 Credits)
This course is designed to introduce students to the basic concepts of social psychology. Included are topics such as: social judgments, the formation of attitudes, gender and diversity, the perception of other people, conformity and obedience, group influence, prejudice, aggression, and conflict and peacemaking. Prerequisite: PSYC 1101. Offered: All semesters.

PSYC 2240. Psychology of Stress. (3 Credits)
Psychology of stress factors producing stress in one's daily life with attention to their physiological and psychological effects. Much of the course will deal with developing effective techniques for coping with stress. Prerequisites: PSYC 1101 Offered: Fall, Spring .

PSYC 2250. Sensation and Perception. (3 Credits)
An introduction to sensory process and the psychology of perception. Topics include principles of sensation, organization of visual perception, motivation and perception. Prerequisites: PSYC 1101. Offered: Spring.

PSYC 2260. Humanistics Psychology. (3 Credits)
An introduction to the philosophy of humanism as treated by Allport, Rogers, Fromm, Maslow and others. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 2270. Psychology of Ethics. (3 Credits)
Special attention to the ethics of behavioral control, punishment and reward systems; the use of testing and physiological technology in such areas as advertising, propaganda and brainwashing. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 2271. Practicum I. (3 Credits)
This course provides an opportunity for students majoring in Psychology to gain practical experience in agency settings. It can be taken at any level between sophomore and senior status. Students spend a minimum of 10 hours per week in an agency which must be germane to the student's interest and approved by advisor. Students are expected to defray cost of transportation to and from agencies and other professional expenses incidental to this experience. Prerequisites: PSYC 2270 Offered: Fall, Spring.

PSYC 2272. Practicum II. (3 Credits)
This course provides an opportunity for students to continue in the agency and take a second practicum in an agency that differs from the one used for Practicum I. Students are expected to defray cost of transportation to and from agencies and other professional expenses incidental to this experience. Prerequisites: PSYC 2270, and PSYC 2271. Offered: Fall, Spring.

PSYC 2275. Interviewing Practicum. (3 Credits)
The course provides an opportunity for students to acquire skills necessary for effective interviews with people seeking help. Extensive use is made of role plays by students which are videotaped and replayed for analysis. Course gives attention to interviewing families, as well as, individuals, securing needed information, handling racial difficulties, handling anger, and handling client requests. Prerequisite: PSYC 2270. Offered: Fall, Spring.

PSYC 2280. Psychology of Women. (3 Credits)
The changing role of women with specific attention to economic, social and emotional independence goals of women; adjustment to new status by women and ways of the public on the role of the "new woman" Prerequisite: PSYC 1101 Offered: Fall, Spring.

PSYC 2282. Human Behavior and The Environment. (3 Credits)
Examines the ecological approach to human behavior, enabling the student to identify the stages and characteristics of normal human growth and development within the context of the social environment. Covered is psycho-social development from before birth to old age, the impact of environment, family functioning and group functioning. Prerequisite: PSYC 1101 Offered: Spring .

PSYC 2290. Foundations of Learning & Motivation. (3 Credits)
Examines the critical impact of experience on human thought and behavior. Emphasis is placed on the process and principles which have been shown to underlie human learning, memory, and motivation. Social warning and cognitive approaches are discussed as well as behavioral approaches. Prerequisite: PSYC 1101 Offered: Fall.

PSYC 2295. Psychology of Adjustment. (3 Credits)
Focus on adjustment and personal growth. Topics include adjustment problems and psychotherapy, stress and defense coping, assertive and self-directed behaviors Prerequisite: PSYC 1101 Offered: Fall.

PSYC 2296. Psychology of Human Sexuality. (3 Credits)
Surveys the numerous psychological, social, and cultural factors affecting human sexual behavior. Topics include values and sexual decision-making, sexual anatomy and physiology, research methods, sexual diversity, sex education, reproduction, sexually transmitted diseases, sexual disorders and therapeutic techniques. Prerequisite: PSYC 1101 Offered: Fall .

PSYC 3000. Industrial Psychology. (3 Credits)
A course designed to acquaint the student with the application of psychological principles of human interaction in industrial and business settings, personnel selection, job evaluation, advertising and other business management areas. Prerequisites: PSYC 1101 Offered: Fall, Spring .

PSYC 3001. Child Psychology. (3 Credits)
A concentration on the emerging self into adolescence. Focus on perceptual-motor, interpersonal and cognitive self systems. Topics include heredity, prenatal, physical, cognitive and emotional development. Prerequisites: PSYC 1101 Offered: Fall.

PSYC 3002. Adolescent Psychology. (3 Credits)
The mental, moral, emotional and social development of the adolescent young adult. A critical evaluation of the adolescent problems, needs, interests, and potentials. Prerequisites: PSYC 1101 Offered: Fall.

PSYC 3302. Introduction to Exceptional Children. (3 Credits)
A course designed to acquaint the student with the trends, etiology, growth and development, characteristics, needs and problems of exceptional children. Prerequisite: PSYC 1101 Offered: Spring.

PSYC 3307. Physiological Psychology. (3 Credits)
A course designed to familiarize the students with the physiological bases of behavior, the nervous system, the endocrine system, and research techniques in physiological psychology. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 3309. Introduction to Psychopharmacology. (3 Credits)
The roles of psychotropic agents in society and the treatment of mental illness and behavioral disorders regarding psychotropic agents will be examined. Prerequisites: PSYC 1101, 2270, and 3307. Offered: Fall .

PSYC 3310. Drug Physiology and Classification. (3 Credits)
This course examines the principles of drug action and physiology. Drug classification, tolerance, dependence, and models of addiction will be topics that are emphasized. Prerequisites: PSYC 1101, PSYC3307 Offered: Fall .

PSYC 3311. Substance Abuse and Treatment. (3 Credits)
The course examines substance abuse and dependence, substance intervention techniques, and methods of treatment. Other topics will include impact of substance abuse on the family and the community and an analysis of rehabilitation methods. Prerequisites: PSYC 1101, PSYC 3310, PSYC 3307 Offered: Spring .

PSYC 3312. Introduction to Group Process. (3 Credits)
A review of the basic group concepts, treatment techniques, and empirical research that supports the clinical and counseling uses of group procedures with client populations. Ethical standards are also reviewed in this course. Prerequisites; PSYC 1101 Offered: Fall.

PSYC 3320. Psychology of Personality. (3 Credits)
A systematic study of the natural development of personality. Emphasis is placed on empirical findings, concepts and theories derived from experimental and clinical research. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 3322. Abnormal Psychlogy. (3 Credits)
An advanced study of various areas encompassed within the term "Abnormal behavior." Emphasis is placed upon the restrictive milieu of the mentally ill, therapy, techniques and the symptomatology of emotional disturbances. Prerequisites: PSYC 1101 Offered: Spring .

PSYC 3324. Culture and Personality Development. (3 Credits)
A study of cultural focuses that influence the development of personality. Topics include socialization, nurture vs. nature, social differentiation, language and geographical variation. Prerequisite: PSYC 1101 and SOCI 1101. Offered: Fall, Spring .

PSYC 3329. Community Mental Health. (3 Credits)
This course is designed to emphasize the effects of social systems on human adjustment and functioning. Social planning is considered as a means for promoting positive mental health. Topics include community resources, effective services, and delivery and utilization of human services and program evaluation. Observation and "laboratory"/ field experiences will be required Prerequisite: PSYC 1101 Offered: As needed .

PSYC 3340. Psychology of Religion. (3 Credits)
A course designed to examine the psychological aspect of religion. The topics include the impact of religious attitudes, perception and sensory activities of the individual. Prerequisites: PSYC 1101 or SOCI 1101 Offered: As needed .

PSYC 3353. Counseling the Aged. (3 Credits)
A survey of programs in later life and an overview of related counseling techniques. Prerequisites: SOCI 3350, PSYC 1101 Offered: As needed .

PSYC 3370. Introduction to Behavioral Modification. (3 Credits)
Focuses on the application of operant conditioning and cognitive control techniques to improve behavior in a variety of therapeutic settings and everyday situations. Details on how to implement, use and evaluate various techniques are discussed along with related ethical issues. Prerequisite: PSYC 1101 Offered: Fall .

PSYC 3371. Juvenile Delinquency. (3 Credits)
The nature and extent of juvenile delinquency, analysis of patterns and sociological theories of causations, the role of the police and the courts. Prerequisites: PSYC 1101 Offered: Fall, Spring .

PSYC 4300. Behavorial Statistics. (3 Credits)
An introduction to statistical concepts, methods and techniques used in behavioral sciences. Topics include:frequency distributions, graphs, measures of central tendency, variability, standard scores and the normal curve, correlational techniques, hypothesis testing, sampling, theory, and the significance of differences. Prerequisite: MATH 1111, MATH 2411, Grade of C or better Offered: Fall, Spring .

PSYC 4304. Behavorial Research. (3 Credits)
An introduction to research procedures used in the behavioral sciences including experimental design, research methodology and scientific writing. Prerequisites: PSYC/SOCI/SOWK. 4300. Offered: Fall, Spring .

PSYC 4305. Introduction to Experimental Psychology. (3 Credits)
Emphasis placed on the application of experimental methods to the study of psychological phenomena, especially in the areas of learning. Selected laboratory experiments, demonstrations and collateral reading of experiments. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 4400. Health Pychology. (3 Credits)
The educational, scientific and professional contributions of the discipline of psychology to the promotion and maintenance of mental and physical health. Prerequisites: PSYC 1101 Offered: As needed .

PSYC 4401. Psychology of Aging. (3 Credits)
Examines the psychological aspects of aging with the emphasis on the sensory processes, learning psychomotor performance, mental functioning, motivation and interactions in health-behavior relations during the latter Years of the life cycle. Prerequisites: PSYC 1101 Offered: As needed .

PSYC 4411. Seminar in Family Dynamics. (3 Credits)
An examination of the socio-cultural and social psychological forces that influence family. Topics will include mobility aspirations, Social stratification, religion, education, and geographical location. Prerequisite: PSYC 1101 Offered: Fall, Spring .

PSYC 4421. Principles of Psychological Testing. (3 Credits)
Emphasis on the empirical scientific approach to the construction, standardization, validation and interpretation of the psychological tests. Critical examination of the more important types of and measurements. Special attention is given to the problem of testing minority groups. Laboratory exercises are required. Prerequisites: PSYC 1101 Offered: Fall.

PSYC 4425. Introduction to Counseling. (3 Credits)
An introduction to the principles and techniques of counseling with emphasis on counseling approaches. Major topics include the counselor's viewpoints and practices, conditions which influence counseling and contemporary issues in counseling. Prerequisite: PSYC 1101 Offered: Fall, Spring .

PSYC 4464. Social Psychology. (3 Credits)
This course integrates the theories of both classic and contemporary interest in social psychology with real world experiences. Topics include but are not limited to; multiple forms of social influence; intergroup processes; stereotyping, prejudice, and stigma; attribution theory; social cognition; cognitive dissonance theory; core social and self-motives; the social self; attitudes and persuasion; and attraction and close relationships. This upper level course is intended for juniors and seniors who have some background in social or cultural psychology and wish to gain a deeper understanding of major issues in the field. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 4465. History and Systems of Psychology. (3 Credits)
A course designed to deal with the systems and historical background of modem psychology with emphasis on the development of scientific and behavioral approaches. Prerequisites: PSYC 1101 Offered: Fall, Spring.

PSYC 4492. Independent Study. (3 Credits)
Offers opportunities for students to design and pursue a course of study via contractual arrangements with a sponsoring faculty member. Detailed information and description of requirements can be obtained from the department office. Offered: As needed .

PSYC 4499. Psychological Seminar. (3 Credits)
Psychological Seminar is designed to be the culminating experience of the Bachelor of Arts program in Psychology. It provides psychology majors with opportunities to reflect on the science and profession of psychology as a whole and to consider their future interests and direction. All students complete a research project that reflects an in-depth investigation of a topic of interest in current psychological research. For students continuing their education, the course addresses a number of best practices as it relates to graduate school preparation and success, as well as projecting a positive and professional image. For students pursuing their professional careers, this course provides helpful tools and tips for developing proper business etiquette and interpersonal skills; writing competitive letters, resumes and e-portfolios. Prerequisites: PSYC 1101 Offered: Fall, Spring .

Public Administration (PADM)

PADM 5011. Public Administration: Scope, Development, and Ethical Environment. (3 Credits)
This is an introductory Public Administration course and it is expected to provide students with a broad based understanding of the field of Public Administration as a discipline and as a profession. Students will examine the historical and current perspectives and become familiar with practitioners in the field. This course is also designed to introduce the students to various issues concerning public administration ethics theory and how they apply to public managers, the polemics that abound, and suggestions that have been made for improving the bureaucratic environment. Upon completing the course, the students should be in a position to make sense out of the various seemingly unethical activities of public managers. The student should also be able to debate the many approaches to public administration law and ethics.

PADM 5126. Organizational Theory and Bureaucratic Behavior. (3 Credits)
This course is designed to introduce students to the complexities of managing people and understanding their behavior within organizations. To that end, it will examine the organizational dynamics in modern organizations, the evolution of organizational theories from the classic to the contemporary, the linkages and relationships between organizations and the behavior of human beings in organizational environments.

PADM 5200. The Administrative State. (3 Credits)
This course is an overview of public administration in relation to legislative, executive and judicial processes.

PADM 5202. Administrative Law. (3 Credits)
The legal aspects of the power and procedures of federal and state agencies in the judicial re- view of administrative actions are discussed.

PADM 5213. Legal Environment of Public Human Resources Management. (3 Credits)
This course examines the relationship between the law and the work environment with particular emphasis on the rights and protections that are provided to employees under the law as well as the court decisions that have impacted the rights and liberties of public and nonprofit sector employees.

PADM 5262. Public Human Resources Management. (3 Credits)
This course will help students to understand the historical, political, economic, social, legal and organizational contexts in which human resource management occurs in the public sector. It will also focus on the acquisition of skills , knowledge and abilities needed to execute HR functions including, but not limited to, recruitment, selection, strategic planning , compensation, training, professional development and sanctions.

PADM 5281. Intro to Public Policy. (3 Credits)

PADM 5300. Administration of Nonprofit Organizations. (3 Credits)
This course will provide theoretical and application understanding of the operation of corporations in the nonprofit sector. It is designed to equip students with knowledge and skills of basic methods used to lead and manage such organizations and successfully navigate the political, financial, ethical and social challenges of this sector.

PADM 5302. Public Budgeting & Financial Management. (3 Credits)
This course focuses on the allocation of limited resources to address the problems that governments and other public organizations face. To that end, it will examine public budgeting processes and public financial management approaches. Emphasis is placed on the budget cycle, federal budget practices and procedures, unified budgets, national income accounts, executive and legislative roles in the budget process, Government Accounting, Financial Reporting, Government Auditing, Capital Planning and Budgeting, Capital project Analysis and Asset Management.

PADM 5321. Foundations of Health Care Finance. (3 Credits)
This course explores the basics of health care finance. It focuses on topics of expenditures, revenue generation, fund-raising, budgeting and financial planning in health care administration.

PADM 5322. Foundations of Public Health Administration and Management. (3 Credits)
This course will provide a comprehensive introduction and overview of public health management and administration.

PADM 5324. Epidemiology. (3 Credits)
This introductory course will provide a comprehensive introduction to the basic definitions, concepts, principles and methods of population-based epidemiologic research.

PADM 5451. Labor-Management Relations. (3 Credits)
This course focuses on the history and contemporary relations between labor and management, as well as the laws and practices impacting collective bargaining in the public sector. It also examines, within the context of current labor management relations, those issues that may affect workforce planning and development and organizational effectiveness.

PADM 5501. Management Information Systems (MIS) for Public Management. (3 Credits)
The course introduces students to computer applications and information system tools for effectively managing large amounts of data in public sector organizations. The course also introduces concepts and theories of management information systems (knowledge management). various practices in government organizations, as well as related issues, problems, and trends.

PADM 5502. Research Design and Data Analysis. (3 Credits)
This course is designed to acquaint students with the assumptions, concepts, and methods for quantitative and qualitative scientific inquiry and basic data analysis techniques useful in public administration and nonprofit management research.

PADM 5511. Directed Independent Policy Studies. (3 Credits)
This course allows students to pursue specialized interests in policy studies.

PADM 5551. Diversity Management and Public Organization. (3 Credits)
The course will provide a broad-based perspective of diversity management in the workplace. It will examine the contemporary workforce which represents multiple differences, including for example, gender, race, culture, ethnicity, age, alternate lifestyles and physical/mental abilities.

PADM 5600. Issues in Human Resource Management. (3 Credits)
The course examines issues in managing public human resources.

PADM 5615. Human Capital Development: Theory and Practice. (3 Credits)
In this course we will study the choices individuals make regarding the development of their human capital, the relation between human capital and wages, and the impact of human capital on organization performance as well as implications for economy wide performance.

PADM 5616. Human Capital Development & Management. (3 Credits)
This course examines the skills, knowledge, abilities and other characteristics that constitute the concept of human capital and how they impact organizational performance. Based on those attributes, the course addresses issues of strategic human resource planning, strategic human resources management, succession planning as well as the planning tools, techniques and methods for proper human capital management.

PADM 5635. Introduction to Community & Economic Development. (3 Credits)
To examine community and economic development movements in the United States and abroad. The understanding of the physical urban environment and local economic development.

PADM 5650. Executive Leadership: Principles of Public Administration. (3 Credits)
Examines leadership skills necessary to maximize group effectiveness in public and volunteer organizations. Considerable use will be made of role-playing and/or simulation exercises.

PADM 5710. Grantsmanship for Public Administration. (3 Credits)
Offers instruction on the "how to" of grant writing and planning for grant writing in the public sector and nonprofits.

PADM 5720. Contemporary Issues In Public Administration. (3 Credits)
Treats current and recurring issues and problems in public administration at the local, state and federal levels in the United States. How public bureaucracies deal with such problems and issues as effective service delivery of public safety and defense, education, health care, transportation, environmental protection, disease control, welfare and amelioration of poverty, international trade and relations and how service delivery is paid for will be addressed. Prerequisite: 9 semester hours of public administration courses or consent of the instructor.

PADM 5781. Introduction to Public Policy. (3 Credits)
The course emphasizes the nature and definition of public policy, the structure in which public policy is produced and how various kinds of public policy are made.

PADM 5791. Health Policy and Politics. (3 Credits)
This course deals with contemporary health-care policies and politics. The course includes discussions of the current crisis in health costs and proposed solutions.

PADM 5802. Public Policy Analysis. (3 Credits)
The course focuses on the forces that shape the direction of public policy and the mechanics through which public policy is formulated.

PADM 5810. Intergovernmental Relations. (3 Credits)
Emphasizes the issues and problems involved in the relationships among federal, state and local governments.

PADM 5815. International and Comparative Public Policy. (3 Credits)
This course introduces students to the comparative study of public policy and political institutions and acquaints them with a select number of foreign political systems. Through lectures, case studies, and reading assignments, students are exposed to the structural -functional approach to comparative political analysis.

PADM 5823. Program Development, Management & Evaluation. (3 Credits)
A study of basic methods used to evaluate programs and policies, including an examination of the impact which selected policies have had on intended target populations.

PADM 5831. Urban and Rural Community Planning. (3 Credits)
This course is a survey of the principles and practices of public planning for the development and management of human, economic and physical resources of communities. Reviews planning systems at various levels and their interrelationships.

PADM 5850. Community Development Theory and Practice. (3 Credits)
This course explores principles and techniques of local community development. It explores theories of local community development, addresses neighborhood needs and impacts of local policies and programs.

PADM 5851. Professional Public Service internship Project. (3 Credits)
This practicum includes a final professional project in which the student will design, conduct, analyze and report on a project completed during his/her professional service internship.

PADM 5852. Health Care Delivery for Specialized Groups. (3 Credits)
This course is designed to provide the students with an understanding of contemporary issues in health care delivery. Emphasis will be placed on the health needs of low income American families, the elderly, disabled, minorities, children and other medically underserved populations.

PADM 5860. Economic Development Theory and Practice. (3 Credits)
Explores theories of local economic development and addresses the dilemmas contemporary communities face.

PADM 5872. Executive Policy-Making. (3 Credits)
Focuses on the institutional mechanisms and processes of policy formulation at the presidential level.

PADM 5907. Capstone Report. (3 Credits)
This course requires students to complete a written practitioner-based report on a case study that demonstrates their mastery of the material presented in the core courses of the MPA program. The case study must be supported by scholarly literature and students will have to orally defend it to demonstrate their mastery of the chosen subject matter. The capstone report serves as an exit process component designed to assess students' knowledge and skills obtained in these academic courses, competency in critical thinking, and written and oral communication skills.

PADM 2601. Intro to Public Administration. (3 Credits)
Fundamental principles of administration, application to governmental operations, administrative organization, budgeting, planning, administrative law, personnel management, career service, conditions of public employment and labor relations. Prerequisite: POLS 1101 with a grade of "C" or better. Offered: On demand.

Radiologic Science (RADS)

RADS 1000. Introduction to Radiography and Patient Care. (3 Credits)
Provides the student with an overview of radiography and patient care. Students will be oriented to the radiographic profession as a whole. Emphasis will be placed on patient care with consideration of both physical and psychological conditions. Introduces a grouping of fundamental principles, practices, and issues common to many specializations in the health care profession. In addition to the essential skills, students explore various delivery systems and related issues. Topics include: ethics, medical and legal considerations, Right to Know Law, professionalism, basic principles of radiation protection and exposure, equipment introduction, health care delivery systems, hospital and departmental organization, medical emergencies, pharmacology/contrast agents, media, OR and mobile procedures patient preparation, death and dying, body mechanics/transportation, basic life support/CPR, and patient care in radiologic sciences. Prerequisite: Program Admission. Offered: Spring.

RADS 1020. Radiographic Procedures I. (2 Credits)
Introduces the knowledge required to perform radiologic procedures applicable to the human anatomy. Emphasis will be placed on the production of quality radiographs, and laboratory experience will demonstrate the application of theoretical principles and concepts. Topics include: introduction to radiographic imaging procedures; positioning terminology; positioning consideration; procedures, anatomy, and topographical anatomy related to body cavities, bony thorax, and abdomen. Prerequisites: ALHE 1120, ENGL 1101, BIOL 1100K, RADS 1000. Corequisite: RADS 1220. Offered: Summer.

RADS 1040. Radiographic Procedures II. (3 Credits)
Continues to develop the knowledge required to perform radiographic procedures. Topics include: anatomy and routine projections of the upper extremities and shoulder girdle; lower extremities; pelvic girdle; anatomy and routine projections of the spine, ribs and sternum. Prerequisites: RADS 1020, RADS 1220. Corequiste: RADS 1230. Offered: Fall.

RADS 1100. Principles of Radiation Biology and Protection. (3 Credits)
Provides instruction on the principles of cell radiation interaction. Radiation effects on cells and factors affecting cell response are presented. Acute and chronic effects of radiation are discussed. Topics include: radiation detection and measurement; patient protection, personnel protection, absorbed dose equivalencies, agencies and regulations, introduction to radiation biology, cell anatomy, radiation/cell interaction and effects of radiation. Prerequisites: Program Admission and RADS 1000. Corequisite: None. Offered: Summer.

RADS 1120. Imaging Science I. (4 Credits)
Content is designed to establish a basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter. Factors that govern the image production process, film imaging with related accessories, and a basis for analyzing radiographic images. Included is the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Actual images will be included for analysis. Prerequisites: MATH 1111 and RADS 1000. Corequisite: None. Offered: Fall.

RADS 1210. Clinical Imaging I. (2 Credits)
Introduces students to the hospital clinical setting and provides an opportunity for students to participate in and/or observe radiographic procedures. Topics include: orientation to hospital areas and procedures, orientation to mobile/surgery, orientation to radiography and fluoroscopy, participation in and/or observation of procedures related to the thoracic and abdominal body cavities. Activities of students are under direct supervision. Prerequisite: Program Admission. Corequisite: RADS 1000. Offered: Spring.

RADS 1220. Clinical Imaging II. (2 Credits)
Continues introductory student learning experiences in the hospital setting. Topics include: patient care, radiation safety practices, equipment utilization, exposure techniques, attend to and/or observation of routine projections of the thoracic and abdominal cavities in general and fluoroscopic procedures, observation of routine projections of the upper extremities and the shoulder girdle and lower extremities, pelvic girdle, and spine, observation of procedures related to the gastrointestinal (GI), genitourinary (GU), and biliary systems and observation of procedure related to minor radiologic procedures. Execution of radiographic procedures will be conducted under direct and indirect supervision. Initial competencies will be obtained. Prerequisites: RADS 1000, RADS 1210. Corequisite: RADS 1020. Offered: Summer.

RADS 1230. Clinical Imaging III. (4 Credits)
Intermediate student learning experiences in the hospital/clinical setting. Topics include: patient care; radiation safety practices, equipment utilization, exposure techniques, attend to and/or observation of routine projections of the thoracic and abdominal cavities, upper and lower extremities, pelvic girdle, and spine, attend to and/or observation of procedures related to the gastrointestinal (GI), genitourinary (GU), and biliary systems, and attend to and/or observation of procedure related to minor radiologic procedures. Execution of radiographic procedures will be conducted under direct and indirect supervision. Additional competencies and evidence of continued competencies will be obtained. Prerequisite: RADS 1220. Corequisite: RADS 1040. Offered: Fall.

RADS 2060. Radiographic Procedures III. (3 Credits)
Continues to develop the knowledge required to perform radiographic procedures. Topics include: gastrointestinal (GI) procedures, genitourinary (GU) procedures, biliary system procedures and special procedures, anatomy and routine projections of the cranium, facial bones, and sinuses, sectional anatomy of the head, neck, thorax and abdomen. Prerequisites: RADS 1040, RADS 1230. Corequisite: RADS 2240. Offered: Spring.

RADS 2130. Imaging Science II. (4 Credits)
Content is designed to impart an understanding of the components, principles and operation of digital imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Guidelines for selecting exposure factors and evaluating images within a digital system assist students to bridge between film-based and digital imaging systems, with a knowledge base in radiographic, fluoroscopic, mobile and tomographic equipment requirements and design. This content also provides a basic knowledge of quality control, principles of digital system, quality assurance and maintenance. Content is designed to provide entry-level radiography students with principles related to computed tomography (CT) imaging and other imaging modalities (i.e., MRI, US, NM, Mammography) in terms of purpose, principles, equipment/material and procedure. Topics include: imaging equipment, digital image acquisition and display, and basic principles of CT and other imaging modalities. Topics include: imaging equipment, digital image acquisition and display, basic principles of CT and other imaging modalities. Prerequisites: BUSA 2101, RADS 1120. Offered: Fall.

RADS 2140. Pathology for the Imaging Professional. (2 Credits)
Content is designed to introduce the student to concepts related to disease and etiological considerations. Pathology and disease as they relate to various radiographic procedures are discussed with emphasis on radiographic appearance of disease and impact on exposure factor selection. Topics include: fundamentals of pathology, trauma/physical injury and systematic classification of disease. Prerequisites: RADS 1000, ALHE 1120, BIOL 1100K. Corequisite: None. Offered: Summer.

RADS 2150. Radiologic Science Review. (3 Credits)
Provides a review of basic knowledge from previous courses and helps the student prepare for national certification examinations for radiographers. Topics include: image production and evaluation, radiographic procedures, anatomy, physiology, pathology and terminology; equipment operation and quality control, radiation protection, and patient care and education. Prerequisites: RADS 1100, RADS 2060, RADS 2130, RADS 2140, RADS 2250. Corequisite: None. Offered: Fall.

RADS 2240. Clinical Imaging IV. (6 Credits)
Continues to provide students with intermediate learning experience in hospital/clinical setting. Students continue to develop proficiency in executing procedures introduced in Radiographic Procedures. Topics include: patient care, radiation safety practices, behavioral and social competencies, performance and/or observation of minor special procedures, special equipment use and participation in and/or observation of cranial and facial radiography. Execution of radiographic procedures will be conducted under direct and indirect supervision. Competencies and evidence of continued competencies will continue to be obtained. Prerequisite: RADS 1230. Corequisite: RADS 2060. Offered: Spring.

RADS 2250. Clinical Imaging V. (3 Credits)
Advanced clinical learning experiences are obtained as students continue to develop proficiency in executing procedures introduced in Radiographic Procedures. Topics include: sterile techniques, participation in and/or observation of minor special procedures, special equipment use and genitourinary system procedures, participation in and/or observation of cranial and facial radiography and competency completion evaluation. Execution of radiographic procedures will be conducted under direct and indirect supervision. Competencies and evidence of continued competencies will continue to be obtained. Prerequisite: RADS 2240. Corequisite: None. Offered: Summer.

RADS 2260. Clinical Imaging VI. (6 Credits)
Provides students with continued hospital setting experience. Students demonstrate increased proficiency levels in skills introduced in all of the imaging procedures courses and practiced in previous clinical imaging courses. Topics include: patient care, behavioral and social competency, advanced radiographic anatomy, equipment utilization, exposure techniques, sterile techniques, integration of procedures and/or observation of angiographic, interventional, minor special procedures, integration of procedures and/or observation of special equipment use, integration of procedures and/or observation of routine and special radiographic procedures and final completion of all required clinical competencies. Execution of imaging procedures will be conducted under direct and indirect supervision. Prerequisite: RADS 2250. Corequisite: RADS 2150. Offered: Fall.

Recreation (RECD)

RECD 2075. Outdoor Recreation. (3 Credits)
A study of the history, scope and philosophy of outdoor recreation. Emphasis is placed on planning, administering, and evaluating outdoor recreational programs. Also, students will experience various techniques in the study of nature, camp craft, boating and other activities that are related to outdoor recreation.

RECD 3045. Recreational Facility and Equipment Design. (3 Credits)
This course is designed to acquaint the student with various facilities and equipment designs that are related to areas of recreation. Emphasis will be placed on new trends in designing buildings and the development and purchasing of recreation and park sites.

RECD 4095. Recreation Practicum. (3 Credits)
Training practicum that includes a total of 105 hours (at least 6 hours per week for 15 consecutive weeks) in a certified recreation or clinical setting in a community environment, treatment center or agency. The student will be trained under the supervision of a full-time licensed reacreation professional. Travel and/or professional liability insurance expenses are required. Students must apply to the Health, Physical Education and Recreation Department at least one semester in advance to schedule practicum. Prerequisites: RECD 2015, RECD 3045, RECD 4001, RECD 4002, RECD 4090.

Respiratory Care (RESP)

RESP 1100. Introduction to Respiratory Care. (1 Credit)
This course introduces students to the Respiratory Care profession and the skills needed to become a Respiratory Therapist. Topics will include the history of the Respiratory Care profession, and a discussion of the future of Respiratory Care. A description of the organization of a hospital Respiratory Care department and an overview of common modalities and specialized areas of Respiratory Care including an introduciton to Therapist driven protocols and clinical practice guidelines. A discussion of job opportunities and areas for advancement within the profession. An overview of legal and ethical issues impacting health care, and particularly Respiratory Care, in today's Health Care environment. Universal precautions and OSHA blood and body fluids precautions will be presented. The functions of the NBRC, AARC, CoARC and the Georgia Medical Board will be examined and the credentialing and licensing processes outlined. Prerequisites: Completion or exemption of all Learning Support requirements. Corequisites: RESP 1111, RESP 1131, RESP 1133, RESP 1134. Offered: Summer. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

RESP 1111. Fundamentals of Respiratory Care. (3 Credits)
This course introduces the principles and practices of Non Critical Respiratory Care. The course will emphasize the use of Therapist Driven Protocols and Clinical Practice Guidelines. Basic Respiratory Care skills in modalities such as oxygen, humidity, bland aerosol, medicated aerosol, passive hyperinflation, chest physiotherapy, postural drainage, airway clearance therapies, arterial blood gases and bedside pulmonary function studies will be developed. Emphasis will be placed on setting up, using and troubleshooting equipment, and on the physical and physiologic principles of gas exchange, ventilation, acid/base balance and gas laws. To progress to RESP 2201, each student will be required to successfully complete and pass a Lab competency exam. Basic math competency is required. Students may be required to demonstrate proficiency in basic math skills for progression in the program, A passing score of “C” or better is required for progression in the program. The American Heart Association Basic Life Support course will be included in this course. Prerequisites: Admission into Respiratory Care Program. Corequisites: RESP 1100, RESP 1131, RESP 1133, RESP1134. Offered: Summer.

RESP 1131. Patient Assessment & Protocols. (4 Credits)
This course introduces the concepts and techniques of patient assessment through inspection, palpation, percussion, and auscultation. The student will demonstrate proficiency in patient physical examination, and taking a complete patient medical history. Principles of barrier protection for blood and body fluid exposures, and isolation precautions will be emphasized. Basic chest x-ray interpretation, basic ECG monitoring, basic laboratory values such as CBC, electrolytes, and basic microbiology are presented. Assessment of critically ill patients is introduced. Each student will be required to successfully complete a Lab competency examination. Prerequisites: RESP 1100, RESP 1111. Corequisites: RESP 1132, RESP 1133, RESP 1134. Offered: Fall. Credits: 4.00 Credit Hours (3.00 Lecture - 3.00 Lab).

RESP 1132. Cardiopulmonary Pharmacology. (2 Credits)
A general pharmacology course for the respiratory care professional caring for the acute and subacute patient. Emphasis will be placed on the indications, contraindication, hazards, and routes of administration for the drugs discussed. The pharmacology of the major therapeutic classes of drugs important to respiratory care will be presented. Prerequisites: RESP 1100, RESP 1111. Corequistes: RESP 1131, RESP 1133, RESP 1134. Offered: Fall Semester. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

RESP 1133. Cardiopulmonary Anatomy & Physiology. (3 Credits)
A study of normal and abnormal anatomy and pathophysiology of the cardiac, pulmonary, and renal systems. The mechanisms of homeostatic control for acid/base balance, ventilation, gas transport and circulation will be addressed. Hemodynamic monitoring will be emphasized. Prerequisites: RESP 1100, RESP 1111. Corequisites: RESP 1131, RESP 1132, RESP 1134. Offered: Fall. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

RESP 1134. Cardiopulmonary Diseases & TRM. (2 Credits)
A survey course of the clinical pathophysiology of selected cardiopulmonary diseases. The emphasis will be placed on the description of the etiology, clinical manifestation, diagnosis, therapeutics and prognosis of acute and chronic diseases of the cardiopulmonary patient. Prerequisites: Admission into Respiratory Care Program. Corequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1133. Offered: Fall. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

RESP 1135. Mechanical Ventilation and Critical Care. (5 Credits)
This course introduces the critical care modalities of airway management including tracheal suctioning and endotracheal intubation, tracheostomy care, concepts of mechanical ventilation are presented. Other critical care skills such as arterial lines, hemodynamic monitoring, advanced patient monitoring, bronchoscopy, and tracheostomy are presented. Basic math skills are required for this course. Each students may be required to pass a math competency exam to demonstrate proficiency. East student will be required to successfully pass a lab competency exam in order to progress to RESP 2201. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1133, RESP 1134. Corequisites: RESP 1138. Offered: Spring Semester. Credits: 5.00 Credit Hours (3.00 Lecture - 6.00 Lab).

RESP 1136. Pediatric and Neonatal Respiratory Care. (3 Credits)
This course presents the physiological and clinical concepts of mechanical ventilation and critical care monitoring of the pediatric and neonatal patient. The course focuses on respiratory care modaliaites and concepts specifically related to the pediatric and neonatal patient. Some topics include: ventilator design & function, assessment & monitoring of pediatric/neonatal patients, techniques for improving ventilation & oxygenation, weaning strategies, and labor & delivery. Critical thinking skills will be emphasized to support the application of neonatal/pediatric physician and therapist driven protocols. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1134, RESP 1133. Corequisites: RESP 1137. Offered: Summer. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

RESP 1137. Specialized Areas of Resp Care. (2 Credits)
This course surveys the important principles and practics of Respiratory Care in the following specialty areas: Pulmonary Function Testing, Polysomnography and Sleep Disorders, Pulmonary Rehabilitation, Geriatric Care, and Home Care. Students will apply the knowledge learned in this course in Practicum III. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133. Corequisites: RESP 1136. Offered: Summer. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab).

RESP 1138. Advanced Cardiac Life Support. (3 Credits)
This course will prepare the student to take and pass the American Heart Association Advanced Cardiac Life Saving Course (ACLS.) Students will take the official AHA ACLE course at the end of this course. Students must pass the ACLS course to pass this course. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1133, RESP 1134. Corequisites: RESP 1132, RESP 1135, RESP 1136, RESP 1137. Offered: Spring Semester. Credits: 3.00 Credit Hours (2.00 Lecture - 3.00 Lab).

RESP 2110. Mechanical Ventilation and Critical Care. (4 Credits)
This course introduces the critical care modalities of airway management including tracheal suctioning and endotracheal intubation, tracheostomy care, concepts of mechanical ventilation are presented. Other critical care skills such as arterial lines, hemodynamic monitoring, advanced patient monitoring, bronchoscopy, and tracheostomy are presented. Basic math skills are required for this course. Each student may be required to pass a math competency exam to demonstrate proficiency. Each student will be required to successfully pass a lab competency exam in order to progress to RESP 2210. Corequisite: RESP 2310. Prerequisites: RESP 1121, RESP 1132, RESP 1133. Offered: Summer.

RESP 2130. Specialized Areas/Respiratory Care. (2 Credits)
This course surveys the important principles and practices of Respiratory Care in the following specialty areas: Pulmonary Function Testing, Polysomnography and Sleep Disorders, Pulmonary Rehabilitation, Geriatric Care, and Home Care. Students will apply the knowledge learned in this course in Practicum III. Corequisites: RESP 2121, RESP 2210. Prerequisites: RESP 2110, RESP 2310. Offered: Fall Semester Sophomore Year.

RESP 2201. Clinical Practicum I. (1 Credit)
This course will provide the student with comprehensive evidence-based respiratory care protocols to be used in providing the highest level of care to adults in settings across the continuum. An emphasis will be placed on departmental protocols, practice guidelines, patient identification, and communication skills. An overview of legal and ethical issues impacting healthcare, and particularly respiratory care, in today's health care environment. Prerequisites: None. Corequisites: None. Offered: Fall. Credits: 1.00 Credit Hours (0.00 Lecture - 3.00 Lab).

RESP 2202. Clinical Practicum II. (1 Credit)
This course includes the processes, techniques, and skills of health assessment, building on basic and experiential knowledge of assessment. It is intended to provide the basis for individual student development of expertise in assessing health and illness states. Focus is on didactic and clinical content that the practicing respiratory therapist utilizes when assessing clients. The processes of systematic assessment, which include communication, planning, and cultural variations are emphasized. Clinical judgment, diagnostic & monitoring skills, and teaching are integrated as components of assessment. Prequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134. Corequisites: None. Offered: Spring. Credits: 1.00 Credit Hours (0.00 Lecture - 8.00 Lab).

RESP 2203. Clinical Practicum III. (1 Credit)
This course provides a clinical application for the student to master the modalities used by the practicing respiratory therapist. These skills include: oxygen therapy, humidity therapy, bland continuous aerosol therapy, medicated nebulizer therapy, passive hyperinflation, chest physiotherapy and postural drainage, arterial blood gas draws and analysis, equipment cleaning and environmental therapy. Equipment therapy will be reinforced. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134, RESP 1135, RESP 1138. Corequisites: None. Offered: Summer. Credits: 1.00 Credit Hours (0.00 Lecture - 8.00 Lab).

RESP 2205. Respiratory Care Clin. Proc.. (1 Credit)
This course will introduce the student to the policies and procedures of the clinical facilities where they will complete their clinical rotations. The course will emphasize the expectations for the student during the clinical rotations in order to facilitate a professional learning experience, while adhering to the policies and procedures of the clinical facility. HIPPA requirements, infection control and universal precautions will be thoroughly discussed to ensure complete understanding and compliance by the students. Professionalism and work place expectations such as promptness, reliability and honesty will be emphasized. Additionally, proper professional attire will be emphasized. Interpersonal communication skills and social interactions with therapists, nurses, supervisors, physicians and other staff will be discussed. Also, proper interaction with other students and instructors will be taught. Prequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134, RESP 1135, RESP 1136, RESP 1137, RESP 1138. Corequisites: RESP 2201 Practicum I Offered: Summer Semester Sophomore Year.

RESP 2210. Clinical Practicum IV. (4 Credits)
This course provides a continuation of RESP 2203. Emphasis will be placed on departmental protocols and clinical practice guidelines. Students are introduced to the care of adult critically ill patients in the Intensive Care Unit. Mastery of active hyperinflation therapies, chest physiotherapy, arterial blood punctures analysis, and continued concepts of airway management. The ethical practice of respiratory care and the application of patient driven protocols will be emphasized. Prerequisites: RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134, RESP 1135, RESP 1136, RESP 1137, RESP 1138. Corequisites: None. Offered: Fall, A-Term. Credits: 4.00 Credit Hours (0.00 Lecture - 30.00 Lab).

RESP 2220. Clinical Practicum V. (4 Credits)
Practicum to support content presented in RESP 1136 and RESP 1137. Practical experiences will occur in proportion to emphasis placed on the cognitive content in the companion course. This course may also provide an opportunity for accelerated or advanced students to explore additional clinical experiences outside the usual program scope. Emphasis will be placed on the neonatal/pediatric intensive care patient. Students will be required to attend and pass the NRP course. Prerequisites: Current CPR, membership in the AARC, RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134, RESP 1135, RESP 1136, RESP 1137, RESP 1138. Corequisites: RESP 2210, RESP 2330. Offered: Fall, B-Term. Credits: 4.00 Credit Hours (0.00 Lecture - 30.00 Lab).

RESP 2310. Cardiopulmonary Diseases & Treatment. (3 Credits)
RESP 2310 Cardiopulmonary Diseases & Treatment (3-0-3) A survey course of the clinical pathophysiology of selected cardiopumonary diseases. The emphasis will be placed on the description of the etiology, clinical manifestation, diagnosis, therapeutics, and prognosis of acute and chronic diseases of the cardiopulmonary patient. Student will be required to present clinical case studies on the major cardiopulmonary pathologies. Corequisite: RESP 2110. Prerequisites: RESP 1121, RESP 1132, RESP 1133. Offered: Summer.

RESP 2330. Credential Preparation. (1 Credit)
The course will focus on a review of essential concepts of Respiratory Care with emphasis on content examined by the NBRC entry level and advanced level examinations. Critical thinking skills will be reinforced through presentation and discussion of case studies. Surveys of clinical research literature and journal articles will be examined. Each student must take and successfully pass the NBRC Self Assessment Exam as a requirement for passing the course and for graduation from the program. Prerequisites: RESP 2201. Corequisites: RESP 2210. Offered: Fall, Sophomore Year. Credits: 1.00 Credit Hours (1.00 Lecture - 0.00 Lab).

RESP 2800. Introduction to Respiratory Care & Polysomnography. (1 Credit)
A course introducting students to the healthcare system and the Respiratory Care and Polysomnography professions. Topics will include the history of the Respiratory Care and Polysomnography professions, and a discussion of the future of both. A discussion of the current state of the health care system in the United States, a discussion of job opportunities and areas for advancement available within the professions. An overview of legal and ethical issues impacting Health Care, and particularly Respiratory Care and Polysomnography, in today¿s Health Care environment. Communication principles and skills needed by Healthcare professionals are discussed. Universal precautions and OSHA blood and body fluids precautions will be presented. The functions of the accrediting, licensing, and credentialing organizations for both the Respiratory Care and Polysomnography professions, will be examined and the credentialing and licensing processes outlined. A discussion of professionalism and professional behavior will be included. Prerequisites: Admission to the Accelerated Certificate Program or permission of Program Director. Corequisites: None. Offered: On demand.

Science (SCIE)

SCIE 1100. Science, Technology, & Society. (2 Credits)
This is an interdisciplinary study of the role of science and technology in society and daily life. Emphasis will be place upon current advances and political and social consequences. Prerequisites: READ 0099, ENGL 0989 or satisfactory English scores to place into corequisite remediation or higher. Offered: Fall, Spring.

SCIE 2000K. Prin Research Methodology. (2 Credits)
This course is designed to teach science majors the basic principles of performing a scientific research project. Each student will identify a problem, perform a literature search, design and perform an experiment, analyze data and present the results. Prerequisites: BIOL 1108K, CHEM 1212K, PHYS 1112K or consent of Division Dean. Offered: Spring, by demand.

SCIE 2026. Case Studies for special Education Teachers. (3 Credits)
Case Studies for special Education Teachers (3-0-3) This course is restricted to in-service special education teachers. It is a brief summary of the important aspects of environmental science and its relationship to other science areas. Classroom applications will be explored. Laboratory exercises supplement the lecture material. This course does not satisfy any core curriculum requirements. Prerequisites: Restricted to in-service special education teachers.Corequisites: None. Offered: As required.

Social Science (SSCI)

SSCI 2101. Introduction to Social Science. (3 Credits)
An interdisciplinary survey of several fields comprisingsocial and behavioral sciences.

SSCI 2102. Microcomputers in Social Sci. (3 Credits)

SSCI 2151H. Honors Directed Independent Study. (3 Credits)
This course covers special topics of interest to students under the direction of a faculty specialist in the field. Approval of faculty member, department chair, and Honors Program Co-Director required. A student may enroll for no more than nine (9) hours of course work through Honors Directed Independent Study. Prerequisite: Completion of nine (9) credit hours of Honors Program courses. This course is a free elective (not in the core). Offered: Spring.

SSCI 2400. Microcomputers in Social Sci. (3 Credits)

SSCI 2401. Introduction to Social Science. (3 Credits)

SSCI 2402. Microcomputers in Social Science. (3 Credits)
Introduces social science majors to the practical utilizationof microcomputers and selected computer application packages in the social sciences.

Social Work (SOWK)

SOWK 1380. Family Dynamics. (3 Credits)
This course critically examines the theoretical assumptions of the neo-liberal school of economics and presnets other options int he area of both economic theory and political economy.

SOWK 1385. Careers in Social Work. (3 Credits)
This course forcuses on the various roles and functions social workers perform and highlights the dynamisms and vitality of the social work profession.

SOWK 2211. Social Policy I (Formerly Social Welfare Policy and Services I). (3 Credits)
This is the introductory course (the first in a two course sequence) to social welfare policies and services.

SOWK 2310. Self Awareness. (3 Credits)
This course is designed to address self-awareness and effective learning that is necessary to become an effective professional social work practitioner.

SOWK 2411. The Social Work Profession. (3 Credits)

SOWK 2412. Introduction to Social Work. (3 Credits)
A survey of programs and services developed as a response to human needs, from both a historical and political perspective. The course provides a foundation for the Social Work program and helps students comprehend the Docial work code of ethics. This course explores a wide range of human problems, intervention strategies and professional practice choices from a generalist perspective. This course also focuses on the problem solving process for people who are oppressed, marginalized, and/or underserved from a generalist perspective.

SOWK 3210. Social Work Economics. (3 Credits)

SOWK 3211. Social Policy II (was Social Welfare Policy/Service II). (3 Credits)
This course is the second in a two-course sequence. Focuses on the policy formulation process adn evaluates its components.

SOWK 3262. Poverty and Welfare. (3 Credits)

SOWK 3275. Forensic Interviewing. (3 Credits)
This course provides the student with interviewing techniques in forensic social work settings.

SOWK 3291. Family & Child Welfare Services. (3 Credits)
This course is designed to explore aspects of child welfare services. Focuses on child welfare issues related to diverse populations who are oppressed, marginalized, as we1l as the underserved in rural Southwest Georggia.

SOWK 3300. Foundational Values and Ethics. (3 Credits)

SOWK 3303. Behavior Statistics. (3 Credits)

SOWK 3304. Behavior Statistics. (3 Credits)

SOWK 3350. Social Gerontology. (3 Credits)
This course give a survey of cross-cultrueal views on aging, social implications of aging population, social adjustment in the process of aging and societal reactions to and provisions for personas in later life.

SOWK 3353. Counseling the Aged. (3 Credits)
This course offers a survey of probelms in later life and an overview of related counseling techniques.

SOWK 3381. Human Behavior and the Social Environment. (3 Credits)
The course is the human behavior and social environment professional foundation sequence is designed to orient studetns to theoretical content on thinking about human behavior as changing confirgurations of person and environment over time is a multidemensional approach.

SOWK 3382. Human Behavior and Social Environment II. (3 Credits)
The second course in the human behavior and the social environment professional foundation sequence. It is designed to expand the social work studen's knowledge of theoretical content of the sperson-in-environment focus upon which social work bases its practice.

SOWK 3383. Social Work with Families. (3 Credits)
This seminar course is designed to provide the opportunity for seminar participants to analyze thesubject of family dynamics as a social issue and to explore policy impliations. Using a family system, multi-generational, and developmental framework the seminar will explore challenges faced by contemporary families as they move through the life course. A social systems approach to the family and its diversity will be utilized. Students must take prerequisite before taking this course which is required at the junior level.

SOWK 3384. Children and the Law. (3 Credits)
This course is an elective course that is designed to review the genre of law and how it impacts the tasks performed by social workers in various settings in relation to children with an emphasis on the child welfare setting. This course looks at intervention witin this arena from the micro and macro levels. Students will strengthen their practice skills with confidentiality, lega comprehension, court preparation, and courtroom testimony. It will further provide an understanding of the implementation and effect of court fuling on policy and practice. Additionally, this course will review the judicial process, the nature of case law and the integration with social welfare practice.

SOWK 3385. Social Work With Children. (3 Credits)
This course is designed to provide students with a generalized concept of " At-risk" youth (inclusive of children and adolescents) across venue. Students will be given an overall prespective of the ecological and societal factors that contribute to placing children and adolescents at risk of future dangerous/negative outcomes. Students will gain a synthesis of information for practical application in prevention, intervention and treatment approaches. The course will look at the youth from a holistic, strenghts based, child centered family prespective.

SOWK 3391. Issues in International SOWK. (3 Credits)
This course will analyze key economic, political and social issues currently affecting social work in an international context.

SOWK 3400. Mental Health Service. (3 Credits)
This course provides an overview of the contemporary context of social work practice in mental health.

SOWK 3441. Social Work Practice I. (3 Credits)
This course is the first of three practice courses. It is an overview of Social Work generalist practice at the mircro level of intervention.

SOWK 3442. Social Work Practice II. (3 Credits)
This course is designed to interoduce the social work student to social work practice at the mezzo level which focuses on effective tehniques to utilize when working with groups and families.

SOWK 3443. Interviewing & Recording. (3 Credits)
This course provides foundation knowledge and practice of interviewing and process recording for generalist social work practice.

SOWK 3444. Research Methods I. (3 Credits)
This course is the first Social Work research course which teaches scientific methods of basic research skills, including definitions, problem solving, interventions and outcomes in measurable terms.

SOWK 4292. Service Delivery Systems and the Aged. (3 Credits)
This course is designed to provide human service professionls with knowledge regarding resources and services required by the aged.

SOWK 4293. Social Work in Health Care. (3 Credits)
This course provides a common outline and framework for practitioners' analyses of social work with various populations in acute care, long-term care, rehabilitation, community-based, and mental health settings. It introduces social work student to a range of clients and provides an overview of many social work settings and services in health arena.

SOWK 4300. Behavioral Statistics. (3 Credits)

SOWK 4304. Measurement in Social Work Practice. (3 Credits)

SOWK 4306. Research II: Measurement in SOWK. (3 Credits)
This course is teh second Social Work research course which provides basic instructions in the use of conceptual and quantitative tools for the description and interpretation of data.

SOWK 4310. Global Research. (3 Credits)
This course is interactive and will provide a platform for exploring current social welfare issues that will assist in comparing states, countries and public attitudes about some of the most important social welfare issues facing society both at home and abroad. It is an avenue for practical technological skills to be integrated with global issues pertaining to social welfare. Prerequisites: SOWK 3211; 3262; 3381; 2412 Corequisites: SOWK 4304.

SOWK 4421. Field Instruction Seminar I. (2 Credits)

SOWK 4422. Field Instruction Seminar II. (2 Credits)

SOWK 4423. School Social Work Practice. (3 Credits)
This course is the first of two school social work courses offered to students interested in employment in a school system. It is a learning process in school social work practice, policies, and reasearch skills to give a clear understanding of social work in an educational setting from K-12. Students will examine the use of theory, policies, and research to help yound people from K-12 solve problems and to help thme accomplish their goals. The classroom will become a laboratory for students to practice and develop additional social work skills. In addition, students will establish relationships with a school and/or a school worker to observe and analyze activities/interventions performed during the run of a school day. This practice-oriented course to develp knowledge related to school social work, and the dynamics, development, and leadership that plays an important part in the normal routine of the school social worker.

SOWK 4424. School Social Work Service. (3 Credits)
This course is one of two school social work courses offered to studetns interested in school employment. it is a continuum learning process in school social work services to give a clear understanding of social work in an educational setting from K-12 to meet the needs of young peoople.

SOWK 4435. Death and Dying. (3 Credits)
Perhaps nothing is more profoundly human than the experience of and awareness of mortality and loss – our own and those around us. Perhaps nothing is more unique and personal – and yet informed by our community, our culture, and our sense of history – than the ways in which we experience, process, and express such awareness. And, finally, perhaps nothing is more paradoxical and remarkable than the ways in which such awareness can be brought to enrich our lives and enhance our creativity, caring, thoughtfulness, and joy. This course alows students to focus in on questions of Death and Dying and on Life and Living.

SOWK 4441. Social Work Practice III. (3 Credits)
This course continues the learning process of Social Work skills throught to be more clearly understood in relationship to selected community interventions, processes, structures and functions.

SOWK 4450. Special Topics in Social Work. (3 Credits)
This course provides an opportunity for senior-level social work studetns to select from among pre-identified social work topics germane to the mission, goals and objectives of the Social Work Program.

SOWK 4460. International Social Welfare Policy. (3 Credits)
This course will analyze key economic, political, and social issues currently affecting social work in international context.

SOWK 4470. Field Intergrative Seminar. (3 Credits)
This seminar course is designed to provide the studetn with an opportunity to faciltate the systematic inegration of the concepts, methods, policies, skills and values involved in generalist social work practice.

SOWK 4471. Field Practicum. (12 Credits)
Advanced 200-clock-hour practice experience designed for application and integration by students of principles, methods and skills of the generalist model. Students are placed in an approved agency following the successful completion of a practicum application process. Students complete one semester of field instruction in the same certified placement agency during the fall semester. Prerequisites: Social Work Majors Only and Approval of the Coordinator of Field Instruction.

SOWK 4472. Field Instruction. (12 Credits)
Field is an advanced practice experience designed for application and integration by studetns using social work principles, methods and skills taught throughout the professional development curriculum.

SOWK 4473. Generalist Field Seminar I. (3 Credits)
This field seminar class is designed to provide the student with an opportunity to facilitate the systematic integration of the concepts, methods, policies, skills, and values involved in generalist social work practice. This course provides linkage between the classroom and field settings.

SOWK 4474. Generalist Field Seminar II. (3 Credits)

SOWK 4475. Generalist Field Experience I. (6 Credits)
The BSW Field Course, SOWK 4475: Generalist Field Experience I will be the first required six credit field experience course that will involve sixteen hours of supervised generalist social work practice in a social service agency.

SOWK 4476. Generalist Field Experience II. (6 Credits)
The BSW Field Course, SOWK 4476: Generalist Field Experience II, will be a required six credit course that will involve sixteen hours of supervised generalist social work practice in a social service agency. The BSW student will be under the direction of a field supervisor who has attended our field instructor training sessions and meets the criteria mandated by our accrediting body, the Council on Social Work Education (CSWE). Students take the SOWK 4474: Generalist Field Seminar II course concurrently with SOWK 4476 in order to better integrate classroom learning with their field experiences. Prerequisites: Successful completion of SOWK 4473 and SOWK 4475. Co-requisites: SOWK 4474: Generalist Field Seminar II and enrollment in all remaining electives.

SOWK 4492. Service Delivery System & the Aged. (3 Credits)
This course gives students survey of problems in later life and an overview of related counseling techniques.

SOWK 4494. Social Work & Chemical Depende. (3 Credits)
This course is designed to help students bring together their present value and knowledge bases with the skills, attitudes, knowledge, and values needed to foster their development into effective and ethical addiction practitioners.

SOWK 4495. Human Sexuality. (3 Credits)
This course provides an in-depth review of theories of human sexual behavior, including psychological, biological, sociological, evoluntionary, femist, homosexual and bi-sexual theories.

SOWK 4496. HIV/AIDS:Global Impact. (3 Credits)
This course explores the social and economic impact of HIV/AIDS global presprective.

Sociology (SOCI)

SOCI 1101. Introduction to Sociology. (3 Credits)
A survey of the discipline of sociology. Topics include sociological theory, group formation, deviance and major social institutions. Offered: All semesters.

SOCI 1160. Introduction to Social Problems. (3 Credits)
A theoretical and empirical analysis of selected major social problems confronting American society. Students who choose this option are required to volunteer 50 hours during the semester as well as attend the SOCI 1160 class. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: All semesters.

SOCI 2031. Intro to Anthropology. (3 Credits)
A survey of the concepts, methods and procedures used to study primitive and non-western cultures. Offered: Fall, Spring.

SOCI 2034. Social Org of Health Care. (3 Credits)
The content of the course is both theoretical and empirical and is designed to acquaint students with a working knowledge of the important issues and research which characterize inquiry into the social organizations of health care and to foster a critical understanding of the processes that influence health and health care policy in a complex society such as the United States. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) Offered: Fall .

SOCI 2060. Medical Sociology. (3 Credits)
This course examines how health, illness, disease and healing are related to social structure and social processes. We will investigate how the social organization of American society influences, not only the types and distribution of disease and illness, but also how the health care system responds to these contingencies. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) Offered: Fall .

SOCI 2271. Practicum I. (3 Credits)
This course provides an opportunity for students majoring in sociology to gain practical experience in agency settings. It can be taken at any level between sophomore and senior status. Students spend a minimum of 10 hours per week in an agency which must be relevant to student interest and approved by adviser. Prerequisite: Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 1160 OR SOCI 2601.(Urban Social Problems ASU) Offered: Spring.

SOCI 2272. Practicum II. (3 Credits)
This course provides an opportunity for students to continue in the agency and take a second practicum in an agency. Students are expected to defray costs of transportation to and from agencies and other professional expenses incidental to this experience. Prerequisite: SOCI 2271. Offered: Fall, Spring .

SOCI 2275. Interviewing Practicum. (3 Credits)
This course provides training in interviewing people who seek help in solving problems. Video recordings are made as students practice interviews and these are analyzed. PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 2282. Social Basis of Human Behavior. (3 Credits)
This course covers the ecological approach to human behavior. The purpose of this course is to enable the student to identify the stages and characteristics of normal human growth and development within the context of the social environment. Topics include psychosocial development, family functioning and group functioning. Observational and laboratory/field experiences required. Prerequisite: PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 2291. The Sociology of Gender Roles. (3 Credits)
An investigation of traditional sex roles in various organizations, institutions; alternatives to these roles, sexism and sexuality. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 2293. Introduction to Marriage and Family. (3 Credits)
This course will examine contemporary marriage and family in American society. Topics include gender roles, sexual values, dating and mate selection, alternative families and lifestyles, communication and conflict, domestic violence and dysfunctional families. Pre-requisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Co-requisite: None. Offered: Fall, Spring.

SOCI 2340. Psychology of Religion. (3 Credits)
An examination of psychosocial components of various world religions will be covered. Prerequisites: PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 2637. Sociology of the Body & Health. (3 Credits)
This course will examine the body as central to public policy. Its contents include health and social care, covering a range of issues such as disability, old age, sexuality, consumption, food and public space, constructions of the body and different social groups. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall.

SOCI 3001. Culture and Global Citizenship. (3 Credits)
This course explores various cultures, globalization and global citizenship. Pre-requisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 3241. Culture and Personality. (3 Credits)
This course will examine various ways in which sociocultural forces impact individual personality traits. Specifically, how social location influences micro level processes. Pre-requisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3311. The Family. (3 Credits)
The study of family as a basic social institution, with emphasis on academic, structural, functional and historical approaches through which the family may be analyzed. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall .

SOCI 3312. The Black Family. (3 Credits)
An examination of the Black family in America, with special emphasis on historical development of this family from slavery through current time. Prerequisite: Pre-requisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 3318. Comparative Ethnology. (3 Credits)
An intensive study of the culture of selected areas of the world, such as Japan, Philippines, Caribbean and South America. Particular attention will be given to such topics as kinship, religion, politics, law and economics. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 2031. Offered: As Needed .

SOCI 3320. Global Health Disparities. (3 Credits)
This course provides students with an understanding of global health issues with an emphasis on low and middle income countries and the health issues facing these countries. The course will cover topics such as child and maternal health, nutrition, communicable and noncommunicable diseases, environmental issues, health systems, and improving global health. The link between health, social and economic factors will also be addressed, in addition to how these factors can be assessed. This course will be an online course, providing students with additional opportunities to view videos, movies and online related material. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 3321. Population Problems. (3 Credits)
An analysis of the growth, composition, distribution and future trends of population with particular reference to the United States. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring.

SOCI 3322. Social Institutions. (3 Credits)
The development and change of basic social institutions: family, government, economy, education and religion. Also, an analysis of the role of social institutions in creating and sustaining the sociologist. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3323. Social Movements. (3 Credits)
A study of social confrontations and alienation generating social movements, and the impact of movements on the social order. Prerequisites: PSYC 1101; SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3324. Culture and Personality Development. (3 Credits)
A study of cultural forces that influence the development of personality. Topics will include socialization, nature vs. nurture, social differentiation, language and geographical variation. Prerequisites: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall .

SOCI 3329. Community Mental Health. (3 Credits)
This course is designed to critically examine mental healthcare in the United States while focusing on misconceptions of mental illness. Prerequisites: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall .

SOCI 3330. Drug Physiology & Classification. (3 Credits)
The course examines the principles of drug action and physiology. Drug classification, tolerance, dependence, and models of addiction will be topics that are emphasized. Prerequisites: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3331. Substance Abuse & Treatment. (3 Credits)
This course examines substance abuse and dependence, substance intervention techniques, and methods of treatment. Other topics will include impact of substance abuse on the family and the community and an analysis of rehabilitation methods. Prerequisites: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3340. Intergroup Relations. (3 Credits)
A study of sociocultural, psychological and ecological factors that influence behavior patterns of various social groups. Prerequisite: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 1160 OR SOCI 2601.(Urban Social Problems ASU) Offered: As Needed .

SOCI 3341. Sociology of Education. (3 Credits)
A study of education as a social institution, include school and community relations. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 1160 OR SOCI 2601.(Urban Social Problems ASU) Offered: As Needed .

SOCI 3342. Social Stratification. (3 Credits)
An analysis of normative techniques for stratifying social groups and institutionalized inequality engendered by this process. SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) and SOCI 1160 OR SOCI 2601. (Urban Social Problems ASU) Offered: Fall .

SOCI 3350. Social Gerontology. (3 Credits)
A survey of cross-cultural views on aging, social implications of again population, social adjustment to the process of aging, and societal reactions to and provisions for persons in later life. Prerequisite: PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) Offered: Fall.

SOCI 3353. Counseling and the Aged. (3 Credits)
A survey of problems in later life and an overview of related counseling techniques. Prerequisites: PSYC 1101 OR SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU) Offered: As Needed .

SOCI 3354. Aging & Social Policy. (3 Credits)
This course focuses on societal responses to needs of the elderly with emphasis on the evolution and implementation of laws, initiatives, and elderly services. Special attention will be given to topics that include Social Security, Supplemental Security Income, Medicare, Age Discrimination in Employment Act, Action, the Living Will, Major Health directives, Health Care Reform, and other codes that impact on the welfare of elderly persons. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3360. Urban Sociology. (3 Credits)
A study of the processes and patterns of urban development along with impact of urbanism of social Interaction and societal organization. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall.

SOCI 3362. Political Sociology. (3 Credits)
A survey of major issues and problems in the field of Political Sociology, political power structures, and elitist and pluralist approaches to community power structures. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 3366. Social Change. (3 Credits)
An analysis of theories, processes and implications of recent social changes. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring.

SOCI 3367. Sociology of Occupations. (3 Credits)
A study of occupational differentiation, institutions of work and relation of workers. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall.

SOCI 3368. Sociology of Housing. (3 Credits)
A study of housing as influenced by spatial distribution, socio-economic factors, demographic differentiation, governmental regulations and funding priorities. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring.

SOCI 3371. Juvenile Deliquency. (3 Credits)
The nature and extent of juvenile delinquency, analysis of patterns and sociological theories of causation, role of the police and courts. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 3381. Sociology of Religion. (3 Credits)
A study of the ways in which society, culture and personality influence religion and, conversely, how religion affects these sociocultural determinants of human behavior. Prerequisite: SOCI 2011. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 3386. Poverty & Welfare. (3 Credits)
The course is designed to acquaint the student with the nature, scope and effects of poverty. Emphasis is placed on historical social problems and the response of the welfare system to these problems. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 3456. Women of Health. (3 Credits)
This course focuses on the health issues of women living in United States of America from a critical sociological perspective. This course emphasizes health concerns that are distinctive to women or that compare women to men. A major analytic focus will be an exploration of how lay, medical and research assumptions about women have developed and influenced the existing relationships between women, health and illness and health care systems. Prerequisites: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring .

SOCI 4300. Behavioral Statistics. (3 Credits)
An introduction to statistical concepts, methods and techniques used in behavioral sciences. Topics include frequency distributions, graphs, and measures of tendency, variability, standard scores and the normal curve, correlational techniques, hypothesis testing, sampling theory and significance differences. Prerequisite: Math 1111, Math 2411, Grade of C or better. Offered: Fall, Spring .

SOCI 4304. Behavioral Reasearch. (3 Credits)
An introduction to research procedures used in the behavioral sciences including experimental design, research methodology, and scientific writing. Prerequisite: SOCI 4300 Offered: Fall, Spring .

SOCI 4308. Health Disparities. (3 Credits)
This is a survey course of health disparities in the United States. This course explores the multi-faceted origins of health disparities as they exist in the U.S. Social injustice and inequality create conditions that lead to health inequities according to race, ethnicity, childhood experiences, gender, income, nationality and many other factors. This course highlights the real potential, vital importance and urgent need for solutions: health policies, systems, and programs that are culturally competent and relevant. We will explore research related to the origins of health disparities and then consider specific promising community based approaches to eliminating health disparities in the U.S. Prerequisites: SOCI 1101 Offered: Fall.

SOCI 4401. Psychology of Aging. (3 Credits)
This course examines the psychological aspects of aging with emphasis on the sensory processes, learning, psycho- motor performance, mental functioning, motivation, and interactions in health-behavior relations during the latter years of the life cycle. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: As Needed .

SOCI 4411. Seminars in Family Dynamics. (3 Credits)
An examination of socio-cultural and socio-psychological forces that influence family. Topics include mobility aspirations, social stratification, religion, education, and geographical location. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring .

SOCI 4425. Introduction to Counseling. (3 Credits)
An introduction to the principles and techniques of counseling approaches. Major topics include the counselor's role and functions, counseling viewpoints and practices, conditions which influence counseling and contemporary issues in counseling. Prerequisite: PSYC 1101. Offered: Fall and Spring .

SOCI 4435. Death & Dying. (3 Credits)
This course will focus on death, society, and human experience and several issues regarding treatment and nontreatment of the dying or those who wish to die. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Spring.

SOCI 4451. Social Theory. (3 Credits)
The development of sociology as influenced by scholars in Europe and the United States, with greater emphasis on the American Writers. Prerequisite: SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall .

SOCI 4454. Sociology Seminar. (3 Credits)
A course designed especially for senior sociology majors. Emphasis is placed upon synthesizing concepts, principles, theories and methodology of sociology via lectures, student reports, group discussions and closely supervised investigation. Prerequisite: Sociology Juniors or Seniors Offered: Fall .

SOCI 4464. Social Psychology. (3 Credits)
Scientific study of the experience and behavior of individuals in relation to other individuals, groups and cultures. Views individuals in foreground against a background of social forces with emphasis on the relationship between social interaction and the behavior of individuals. Prerequisite: PSYC 1101 or SOCI 1101 OR SOCI 2011 (Principles of Sociology ASU). Offered: Fall, Spring.

Spanish (SPAN)

SPAN 1001 - Elementary Spanish I (3 Credits)

An introductory Spanish course designed to give essential survival vocabulary interspersed with cultural information and written and oral proficiency skills in the target language. Laboratory requirement.

Offered: Fall, Spring, Summer

SPAN 1002 - Elementary Spanish II (3 Credits)

A continuation of SPAN 1001 or 1101 that further develops listening, speaking, reading, reading and writing skills in Spanish while including cultural, historical, and literary components. Prerequisite: SPAN 1101, 1001 or SPAN 1131. Laboratory requirement.

Offered: Fall, Spring, Summer

SPAN 2001 - Intermediate Spanish I (3 Credits)

SPAN 2001 continues SPANl 002 and includes a review of idiomatic expressions and the past tenses, as well as an introduction of new vocabulary, structures and grammatical concepts. Vocabulary and structures are integrated with cultural highlights. Prerequisite: SPAN 1002 or equivalent with a grade of C or higher.

Offered: Fall, Spring, Summer

SPAN 2001 - Intermediate Spanish I (3 Credits)

The student is guided in achieving some proficiency in oral communication while developing a degree of skill in reading and writing. Aspects of Spanish life and culture are presented through the use of selected reading materials, presentations and discussions. Prerequisite: SPAN 1002 or equivalent.

Offered: Fall, Spring, Summer

SPAN 2002 - Intermediate Spanish II (3 Credits)

The course provides initial exposure to short literary works by authors from Spain and Spanish America complemented by biographical and cultural notes. Conversational format with weekly written assignments. Prerequisite: SPAN 2001 or its equivalent.

Offered: Fall, Spring, Summer

SPAN 2120 - Spanish Conversation I (3 Credits)

The course focuses on contemporary events and popular Hispanic culture while refining the verbal skills first acquired by students in the introductory sequences of the target language. Prerequisite: SPAN 2002 or its equivalent.

Offered: Fall

SPAN 2122 - Intensive Span Reading & Speaking (3 Credits)

A rapid course in the fundamentals of Spanish for students in specific professions who do not desire to follow the usual curriculum but who need to acquire a practical knowledge of Spanish in the shortest possible time. Prerequisite: Spanish 2002 or consent.

Offered: Fall

SPAN 2220 - Hispanic Cult & Civil (3 Credits)

A survey of the culture and civilization of Spain and the Americas, inclusive of Hispanics in the United States. Reading and listening skills

in Spanish will be reinforced by discussions, lectures, readings, and assignments. Prerequisite: SPAN 2120 or its equivalent.

Offered: Spring

SPAN 3001 - Survey of Span Lit I (3 Credits)

From the early medieval works to the Eighteenth Century. Prerequisite: SPAN 2220 or its equivalent.

Offered: Fall, Spring

SPAN 3002 - Survey of Span Lit II (3 Credits)

From the Nineteenth Century to the contemporary period. Prerequisite: SPAN 2220 or its equivalent.

Offered: Fall, Spring

SPAN 3110 - Spanish Phonetics (3 Credits)

The course focuses on a review of the International Phonetic Alphabet, while refining the verbal skills of the target language. Prerequisite: SPAN 2120 or its equivalent

Offered: Spring

SPAN 3120 - Spanish Conversation II (3 Credits)

The course focuses on refining the oral proficiency acquired sequence. Prerequisite: SPAN 2120 or its equivalent.

Offered: Spring

SPAN 3335 - Spanish Comp & Reading (3 Credits)

Advanced problems in syntax, written exercises, free composition and translation and discussion of selected readings. Intensive reading of modern Spanish texts serves as a basis for oral practice and the development of composition technique. Prerequisite: SPAN 3334 or the equivalent.

Offered: Fall, Spring

SPAN 3420 - Adv Grammar & Composition (3 Credits)

An inductive study of Spanish grammar. Excerpts from literary masters illustrate principles of grammar that students analyze, personalize, and practice. Prerequisite: SPAN 3335 or its equivalent.

Offered: Spring

SPAN 4001 - Survey of Span American Lit I (3 Credits)

Spanish American literature from Pre- Columbian to Costumbrismo. Prerequisite: SPAN 2220 or its equivalent

Offered: Fall

SPAN 4002 - Survey of Span American Lit II (3 Credits)

Spanish American literature from Modernism to the contemporary period. Prerequisite: SPAN 3420 or its equivalent.

Offered: Spring

SPAN 4450 - Contemp Spanish American Novel (3 Credits)

Representative novels of the Spanish American Boom Period. Prerequisite: SPAN 4001 or 4002 or equivalent.

Offered: Fall, Spring

SPAN 4563 - Spanish 19th & 20th Century (3 Credits)

A study of selected pieces of the Nineteenth and Twentieth century to show literary, social, and political trends in Spain. Prerequisite: SPAN 3002 or equivalent.

Offered: Fall, Spring

SPAN 4565 - Span Amer 19/20 Cent Narr Fie (3 Credits)
A study of representative works of Nineteenth and Twentieth century read and discussed using various critical approaches. Prerequisite: SPAN 4002 or equivalent.

Offered: As needed

SPAN 4773 - Span & Span Amer Poetry (3 Credits)

Masterpieces from the Twelfth Century to the present day. Prerequisite: SPAN 3001 or 3002 or equivalent; SPAN 4001.

Offered: Fall, Spring

SPAN 4883 - Golden Age (3 Credits)

A study of representative works by Caldero, Lope de Vega, Cervantes, and other masters of the period. Prerequisite: SPAN 4000 or equivalent

Offered: Spring

SPAN 4885 - 19th Century Drama (3 Credits)

A study of the outstanding Spanish dramatics of the Nineteenth century. Emphasis on Romanticism, its origins and aftermath. Representative plays analyzed using various critical approaches. Prerequisite: SPAN 400lor SPAN 4002.

Offered: Spring

SPAN 4990 - Spanish Sr Seminar (1)

A capstone course which may be taken a second time for credit if the topic is different. Available subjects may include the Spanish Language, pre- Columbian and Colonial Literature, Twentieth Century Spanish Drama, or else area studies of literature, such as Cuban, Argentinean, Mexican, or any other Spanish- speaking area. Prerequisite: Senior standing and consent.

Offered: Spring

Special Education (SPED)

SPED 2230. Exceptional Children. (3 Credits)
A study of the characteristics, identification and educational needs of exceptional children and youth. Field experience required.

SPED 3230. Contemporary Perspectives. (3 Credits)
This course is designed to provide a study of the development, charactersistics, identification and educational needs of exceptional children and youth. Field experience required.

SPED 3231. Contemp Persp Students w/Excep. (3 Credits)
A study of the characteristics, identification and educational needs of children and youth with exceptionalities.

SPED 3300. Development and Characteristics of Children with Mild Disabilities. (3 Credits)
Examines the develpoment and characteristics of children with mild specific learning siaabilities, behavior disorders, and mild intellectual disabilities.

SPED 3306. Nature and Characteristics of the Intellectually. (3 Credits)
A study of the characteristics and needs of children with intellectual disabilities, including history, current laws, and identification for services.

SPED 3307. Nat/Char of Stud w/Intel Disab. (2 Credits)
A study of the characteristics and needs of children with intellectual disabilities, including history, current laws, and identification for services. Prerequisites SPED 3230.

SPED 3310. Instructional Methods/Materials for Children with Mild Disablilities. (3 Credits)
This course provides an overview of theory and research identifying effective methods for teaching adolescents with mild disabilities. Additionally, appropriate materials are identified for use in teaching youth with mild disabilities.

SPED 3312. Curr/Meth/Mat Tchng Adap Curr. (2 Credits)
This course focuses on curriculum development and instructional design for students with moderate, severe and profound intellectual disabilities. Prerequisites SPED 3230.

SPED 3331. Occ Guid Stud w/Intel Dis. (2 Credits)
Examines employment opportunities, job analysis, and placement procedures for sh1dents with intellectual disabilities. Emphasis will be placed on educational, social, vocational and transition guidance. Prerequisites SPED 3231, SPED 3307, SPED 3312.

SPED 3340. Curriculum, Transitions and Instructional Planning for Teaching the Mildly Disabled. (3 Credits)
Observation and teaching during the entire school day under the guidance of selected classroom teachers.

SPED 3341. Curr/Trans Instr Tch Stu Dis. (2 Credits)
This course is designed to explore the theories and research that form the basis for curriculum development and planning. Students will become knowledgeable of effective instructional practices as they relate to teaching students with various disabilities and exceptionalities.

SPED 4400. Learning Environment and Behavioral Management for Children with Mild Disabilities. (3 Credits)
Theory and application of behavior modification techniques.

SPED 4401. Lrng Env Behav Mgmt Chd W/Disa. (2 Credits)
A study of the characteristics, identification and educational needs of exceptional children and youth and classroom management techniques used to work with them in the school setting.

SPED 4450. Student Teaching in Special Education. (12 Credits)
Teaching students with disabilities in approved educational setting under the guidance of teachers certified in Special Education.

SPED 4460. Student Teaching Mild Disable. (6 Credits)
Observation and teaching during the entire school day under the guidance of selected classroom teachers.

SPED 4470. Student Teaching in Inclusive Environments. (6 Credits)
Observation and teaching during the entire school day under the guidance of selected classroom teachers.

SPED 4471. Internship in Special Education I. (6 Credits)
Teaching special education children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only. Perquisite: Admission to Teacher Education.

SPED 4472. Internship in Special Education II. (6 Credits)
Teaching special education children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only. Perquisite: Admission to Teacher Education.

Speech/Theatre (THEA)

THEA 1020. Theatre & Culture. (3 Credits)
A study of theatre as an art form with emphasis on dramatic literature and the contributions of playwrights, actors, directors, designers and managers.

THEA 1100. Theater Appreciation. (3 Credits)
This course includes the survey and critical appreciation of Theatre. A first-level course designed to introduce theatre majors and non-majors to eras of theatre history and dramatic literature and to demonstrate how theatre practitioners form a collaborative working unit which results in a performance-ready production. No previous experience required. Prerequisite: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher. Offered: Fall.

THEA 1110. Stagecraft. (3 Credits)

THEA 1111. Creative Dramatics/Elem School. (3 Credits)
This course will introduce various techniques for presenting dramatics in the K-12 classroom, including building a play, creating simple scenic elements, and various forms of improvisation. Participants will study the work of Viola Spolin.Prerequisites: None. Co-requisites: None.

THEA 1710. Improvisation. (1 Credit)
An introductory course designed to enable students, individually and in groups, to learn process-centered performance techniques using unscripted concepts. Students are introduced to basic principles of stage movement, vocal technique and creative dramatics. Corequisite: None. Offered: Spring.

THEA 2000. Introduction to Theatrical Design. (3 Credits)
Basic design for theatre technicians with emphasis on drafting, perspective, color theory, rendering in various media and drawing the human form.

THEA 2010. Scene Building/Painting. (3 Credits)

THEA 2011. Introduction to Acting. (3 Credits)

THEA 2020. Voice and Diction. (3 Credits)
Study and exercises in the physiological aspects of vocal delivery to develop clear articulation and effective speech production. Designed to help students recognize, evaluate and compensate for common vocal deficiencies. Prerequisite(s): (COMM 1100 US C or SPT 101 UG C)

THEA 2030. Oral Interpretation. (3 Credits)
Study and practice in the selection, evaluation, analysis, preparation, and effective oral presentation of literary works; prose, poetry and drama. Writing and adapting material for oral presentation. Prerequisite(s): (COMM 1100 US C or SPT 101 UG C)

THEA 2040. Acting I. (3 Credits)
A course designed to introduce the beginning actor to the fundamentals and techniques of acting. Prerequisite: THEA 1020 or equivalent or permission of instructor.

THEA 2041. Acting I Laboratory. (3 Credits)
Must be enrolled in one of the followingMajor(s): Speech & Theatre Continuation ofActing I with a concentration on science study from the modern repertoire. Prerequisite: 2040 or equivalent.

THEA 2050. Theatrical Dance and Movement. (3 Credits)
An introduction to basic stage movements and dance for performers and directors. A lecture-laboratory course with opportunities for performance. Primarily for theatre majors.

THEA 2070. Make-Up for the Stage and Screen. (3 Credits)
Must be enrolled in one of the followingMajor(s): Speech &Theatre. A study of basic principles and practices in make-up for stage, screen and television. Practice in use of cosmetics, wigs, hair pieces, facial prosthetics, masks and work with departmental productions.

THEA 2080. Voice for the Actor. (3 Credits)

THEA 2090. Basic Dramatic Writing. (3 Credits)

THEA 2100. Stage Craft. (3 Credits)

THEA 2105. Oral Interpretation. (3 Credits)
Communicating the meaning of literature, prose, and poetry through the techniques of oral reading. The coaching of oral interpretation at the high school level will also be discussed. Prerequisites: None. Offered: On demand.

THEA 2205. Oral Interpretation. (3 Credits)

THEA 2210. Voice and Diction. (3 Credits)
An introduction to vocal training for the production of Standard American Speech with an emphasis on resonance, breath control, vocal relaxation and posture using the International Phonetic Alphabet (IPA) and a variety of approaches to contemporary vocal training. Prerequisite: READ 0099, ENGL 0099, ENGL 0989 or satisfactory English scores to place into co-requisite remediation or higher.Offered: On demand.

THEA 2250. Understanding of World Theatre. (3 Credits)

THEA 2301. Scene Design for the Stage. (3 Credits)
This course will introduce the student to the fundamental elements of scenic design. Several styles of staging, proscenium stage, black box, outdoor and variations of theatre in the round, will be discussed. Students will learn the basics of stage drafting and scale modeling in order to convey basic design ideas to others. Period design and decoration will be discussed. Prerequisite: THEA 2100. Offered: On demand.

THEA 2306. Lighting Design for the Stage. (3 Credits)
This course will introduce the student to the fundamental elements of lighting design. Through discussion of lighting equipment (dimming and fixtures) and accessories (color medium, projeciton patterns, effect generators), technique and style, the student will gain basic knowledge of stage lighting and its impact on theatrical production. Prerequisite: THEA 2100. Offered: Fall.

THEA 2312. Sound Design for Theatre. (3 Credits)
This course will acquaint the student with the process of sound design for theatrical production. Basic instruction will deal with the equipment and technique necessary to reproduce sound effects and background music for the stage. Prerequisite: THEA 2100. Offered: On demand.

THEA 2531. History of Theatre II. (3 Credits)
Must be enrolled in one of the followingMajor(s): Speech & Theatre A continuation of theatre History I beginning with Realism, Naturalism, Symbolism, Expressionism and Neo-Romanticism in theater down to the Avant-Grade Theatre in Europe. Prerequisite: THEA 2530.

THEA 2532. History of Theatre III. (3 Credits)

THEA 2640. Directing I. (3 Credits)
Must be enrolled in one of the followingMajor(s): Speech &Theatre. Elementary principles of staging plays; practical work in directing One-Act plays; attention given to the principles of selecting, casting and rehearsing of plays, exercises, lectures and demonstrations. Prerequisite(s): THEA 2530 US C and THEA 2041 US C.

THEA 2900. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2901. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2902. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2903. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2904. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2905. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2906. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2907. Production and Performance. (1 Credit)
Participation in a responsible capacity in a production of the Theatre Program. Prerequisite: Consent of instructor.

THEA 2940. Stage Management. (3 Credits)

THEA 3010. Improvisational Theatre. (2 Credits)

THEA 3020. Musical Theatre I. (3 Credits)

THEA 3030. Theatre Management. (3 Credits)
Designed to study the tools of theater management and producing, box office, price and percentages, publicity, promotion and production costs. A survey of the Organization of Theatre and promotional and managerial procedures. Prerequisite(s): THEA 2530 US C and THEA 2640 US C.

THEA 3040. Acting II. (3 Credits)
A study of role analysis and the problems and techniques of creating subtexts with special relation to the actor's natural qualities. Prerequisite: THEA 2040 or equivalent.

THEA 3041. Acting II Laboratory. (2 Credits)
Must be enrolled in one of the followingMajor(s): Speech & Theatre An intensive course in voice and body training. Prerequisite: THEA 2040 or equivalent.

THEA 3050. Play Analysis. (3 Credits)

THEA 3520. Playwriting. (3 Credits)
A course in dramatic writing, including study and practice in writing for the modern stage and screen.

THEA 3530. Modern Drama. (3 Credits)
A study of significant developments in the American theatre since 1900 as reflected through the major playwrights and theatre organizations. Prerequisite(s): THEA 2530 US C.

THEA 3531. History of Theatre I. (3 Credits)
A study of theatre architecture, scenery, costume, methods of staging, and production in Europe, as well as a study of representative playwrights from Ancient Greece to Russia.

THEA 3532. History of Theatre II. (3 Credits)
A continuation of theatre History I beginning with Realism, Naturalism, Symbolism, Expressionism and Neo-Romanticism in theater down to the Avant-Grade Theatre in Europe. Prerequisite: THEA 2530.

THEA 3540. Styles in Acting. (3 Credits)

THEA 3541. Styles in Acting Laboratory. (2 Credits)

THEA 3542. Acting for TV and Cinema. (3 Credits)

THEA 3560. Principles and Practices of Stage Costume.. (3 Credits)
A study of the function of costumes for the stage, screen and television, and their relationship to other elements of dramatic production. Includes research in construction and authentic period forms.

THEA 3600. African American Theatre History and Performance. (3 Credits)
A study of significant developments in the American Black Theatre since 1900 as reflected through the major play- wrights and theatre organizations. Prerequisite(s): THEA 2530 US C.

THEA 3640. Directing II. (3 Credits)
A consideration of rehearsal problems and techniques as may be reflected in a full length show. In conjunction with the Theatre Programs, students direct projects selected from a variety of genres. Prerequisite(s): THEA 2540 US C.

THEA 3650. Independent Study. (3 Credits)
An independent study of special topics in theatre arts, determined by the student in consultation with the instructor.

THEA 4001. Senior Preparatory. (1 Credit)

THEA 4002. Technical Problems. (3 Credits)

THEA 4020. Musical Theatre II. (3 Credits)

THEA 4030. Stage Costume Design/Research. (2 Credits)

THEA 4031. History of Costoume/Decorate. (3 Credits)

THEA 4032. Scene Design. (3 Credits)

THEA 4033. Stage Lighting II. (3 Credits)

THEA 4520. Children's Theatre. (3 Credits)
A study of various techniques used in producing children's theatre with adult actors; experience in scene design, lighting, costuming, acting, directing and promotion; class work plus participation in the Children's Theatre Workshop.

THEA 4720. Advanced Dramatic Writing. (3 Credits)

THEA 4740. Special Topics in Theatre. (3 Credits)

THEA 4760. Seminar in Theatre. (3 Credits)
Advanced individual study for the theatre major in a specialized concentrated production project. Consent of instructor and director of theatre is necessary. Prerequisite(s): THEA 2530 US C and THEA 2531 US C.

THEA 4761. Seminar in Adv Scene Design. (3 Credits)

THEA 4762. Seminar in Adv Stage Lighting. (3 Credits)

THEA 4780. Internship. (3 Credits)
Off-campus, on the job observation and training for students pursuing professional work in a variety of traditional nontraditional careers appropriate to selected academic programs.

Supply Chain & Logistics Mgmt (LOGM)

LOGM 3220. Supply Chain Management. (3 Credits)
This course explores the concept of logistics from a managerial and global perspective. Participants will study a broad range of logistical areas ranging from supply chain management to transportation and warehousing. Prerequisite: MGMT 3106 Offered: Fall and Spring.

LOGM 3230. Transportation Security and Legal Issues. (3 Credits)
This course explores the concept of Logistics Security from a managerial and a global perspective. Participants will study a broad range of existing Logistics Security strategies in areas such as warehousing, inland distribution, marine and port operations and global freight transportation. Prerequisite: LOGM 3220 Offered: Spring.

LOGM 4210. Transportation Management. (3 Credits)
This course provides a broad overview of transportation systems primarily throughout the U.S. including how they are developed, optimized and managed. Prerequisite: LOGM 3220 Offered: Fall.

LOGM 4220. Introduction to Global Logistics. (3 Credits)
This capstone brings together the role of the supply chain, key strategic drivers of supply chain performance and the techniques of supply chain analysis and operations all within global context. Prerequisite: LOGM 3220 Offered: Spring.

LOGM 4225. Warehouse Management. (3 Credits)
Warehouses are critical components of logistics and supply chain systems. This course focuses on the design and operations of warehouses. Students will learn the main components of a modern warehouse and the different techniques used to operate and manage a warehouse efficiently. Prerequisite: LOGM 3220 Offered: Fall.

LOGM 4230. Logistics Information Systems. (3 Credits)
This course involves the identification, analysis and design of information systems necessary for effective operation and management of logistics systems and emphasizes how to use such systems to gain competitive advantage and to enhance profitability. Prerequisite: LOGM 3220 Offered: Fall.

LOGM 4270. Global Supply Chain Management. (3 Credits)
This course analyzes logistics and supply chain management from a global perspective. It integrates practical and strategic elements that are key components of international logic systems. The concepts covered in the course are illustrated with a good range of international cases. Prerequisite: LOGM 3220 Offered: Spring.

University Courses (ASU)

ASU 1101. First Year Experience: Pathways to Success. (1 Credit)
ASU 1101 is a one-credit hour course designed to help students develop strategies and skills necessary for a successful college career. Course goals include developing academic skills, identifying campus resouces and services, developing a connection to the institution, establishing self-exploration and personal development, and understanding behaviors related to health and wellness.

ASU 1101H. First Year Experience: Pathways to Sucess. (1 Credit)
ASU 1101 is a one-credit hour course designed to help students develop strategies and skills necessary for a successful college career. Course goals include developing academic skills, identifying campus resouces and services, developing a connection to the institution, establishing self-exploration and personal development, and understanding behaviors related to health and wellness.

Wellness (WELL)

WELL 1001. Team Sports I. (1 Credit)
Basic skills are provided in the sports of basketball and volleyball. Cardiovasular conditioning is stressed.

WELL 1007. Aquatics I. (1 Credit)
This course is designed for the non-swimmer and novice. The course will address basic swimming techniques, safety and aqua aerobics. Emphasis is placed on improving overall cardiovascular efficiency and acquiring survical skills.

WELL 1020. Aquatics II. (1 Credit)
This course is designed for the swimmer. The course will address swimming techniques and safety. Emphasis is placed on improving over cardiovascular efficiency and acquiring survival skills. Prerequisite: PEDH 1007 or WELL 1007.

WELL 1105. Strength Training I. (2 Credits)
Involves strength training through a circuit of isotonic exercise using barbells, dumbells, and a selection of fixed/variable resistnace machines. Covers muscles of the body, types of muscular contractions, and principles of strength training. Includes orientation to the fitness center. Prerequisite: None. Offered: Fall, Spring.

WELL 1106. Walk, Jog, Run. (2 Credits)
Involves cardiovasuclar tranining through endurance walking, jogging, or running. Includes infomaiton on why such training is needed, how it is accomplished, and what results can be expected. Prerequisite: None. Offered: Fall, Spring.

WELL 1115. Step Aerobics. (2 Credits)
Emphasis is on cardiovascular endurance, muscle conditioning, and flexibility development. Continuous exercise is combined with music. Includes orientation to the fitness center. Prerequisite: None. Offered: Fall, Spring.

WELL 1122. Basketball I. (1 Credit)
An introduction to the fundamental skills & knowledge necessary to play basketball. Includes instruction in passing, dribbling, shooting, basic strategies, & rules. Prerequisites: None. Offered: On demand.

WELL 1123. Aerobic Pump. (2 Credits)
This course is designed to work the entire body using barbells with adjustable weights to music. Beginning with a general warm up, participants are led through a series of exercises including squats, presses, lifts and curls. The focus is on correct lifting techniques using light to moderate weights and high repetitions. Prerequisite: None. Offered: On demand.

WELL 1125. Badminton I. (1 Credit)
Introduction to techniques such as serve, clear, drop, smash, and drives with an emphasis on strategy and rules. Prerequisites: None. Offered: Fall, Spring.

WELL 1126. Tennis I. (1 Credit)
An introduction to the fundamental skills and knowledge necessary to play tennis. Includes instruction on the forehand, backhand, serve, basic strategies and rules. Prerequisite: None. Offered: Fall, Spring.

WELL 1132. Lifeguard Training. (2 Credits)
Designed to teach fundamental skills and knowledge necessary to save one's own life or the life of another in the event of an aquatics emergency. Student can qualify for Red Cross certification through this course. Prerequisite: Swim Test. Offered: On demand.

WELL 1142. Square Dancing. (1 Credit)
Introduction to the basic steps and figures of square dancing. Prerequisite: None. Offered: On demand.

WELL 1145. Self-Defense I. (1 Credit)
An introduction to self defense including striking skills and Jiujutsu. An emphasis is on avoidance, defensive strategies, and basic escape maneuvers for self protection. Prerequisite: None. Offered: On demand.

WELL 1148. Archery I. (1 Credit)

Faculty & Administrative Officers

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- Academic Officers (p. 462)
- Academic Department Chairs (p. 462)
- Faculty (p. 463)
- Faculty Emeriti (p. 473)

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Our graduate and undergraduate catalogs are the official sources of information for all academic degree programs at Albany State University. Inside each catalog you will find a listing of our colleges, schools and departments, course descriptions, degree program requirements and explanations of our institutional policies and procedures. Since catalogs may change over time, please refer to the catalog corresponding to your start date at ASU. If you have additional questions, please contact the appropriate dean's office.

GRADUATE CATALOG

Albany State University

Albany State University is an integral part of the system of higher education maintained by the State of Georgia. The University is one of 26 institutions of higher learning governed by the Board of Regents of the University System of Georgia.

Albany State University recruits, admits, provides financial aid, and other services and instruction to all students without regard to racial identification, religion, gender, disability or national origin. The University is also an equal opportunity and equal rights employer in that all applicants for faculty, staff and student employment positions are considered without regard to racial identification, religion, gender, disability or national origin. Albany State University has always opened its doors to all applicants and continues to value diversity in its student body, faculty, staff and administration. It actively recruits to ensure a broad representation of students and faculty and promotes a campus culture that respects and appreciates the individuality of every student, faculty member, staff person and administrator.

The statements set forth in this catalog are for information purposes only and should not be construed as the basis of contract between students and this institution. While provisions of this catalog will ordinarily be applied as stated, Albany State University reserves the right to change any provision listed in this catalog, including but not limited to, academic requirements for graduation, without specific notice to individual students. Every effort, however, will be made to keep students advised of any such changes. Information about such changes will be available in the Graduate School. Students are responsible for keeping apprised of current graduation requirements of their particular degree program.

Albany State University is an affirmative action, equal opportunity educational institution.

Albany State University Catalog and Announcements (2019) (Official Series)

For Information on Admissions call
229-500-4358 or
Visit the web site at www.asurams.edu.

*Catalog updates can be viewed @ catalog.asurams.edu.

History

Inspired by W.E.B. DuBois' writings about the persecutions and triumphs of African Americans living in Georgia and aided in his mission by private and religious organizations, Joseph Winthrop Holley founded the Albany Bible and Manual Training Institute in 1903, and he served as its president for the next 40 years. The new school was successful in its mission to provide religious and basic education, as well as teacher training, to the local black population. In 1917, the state of Georgia began providing financial support to the school, granting it two-year status. Responding to the needs of the state, the school added training in agriculture and was renamed the Georgia Normal and Agricultural College.

With the creation of the Board of Regents in 1932, the institution joined the newly formed University System of Georgia and, in 1943, was granted four-year status. Concentrating on teacher education and home economics, the school was again renamed, this time as Albany State College. Over the next few years, the College added majors in the humanities and social sciences. In 1954, it began adding degrees in secondary education and, in 1961, nursing, adding health care to its tradition of serving the region.

During the middle decades of the 20th century, the people of Albany State extended the college's mission of education and uplift to include political action. In 1961, Albany State College's students joined with Martin Luther King, Jr., the Student Nonviolent Coordinating Committee, and other local black organizations in eight months of protest. Despite warnings from the college's president, William Dennis, many students participated in protests, marches, and an organized effort to test the state mandated desegregation of Albany's bus station. As a result of the protests and the arrest of several students, 40 students were expelled from the college. In May of 2011, 50 years after the events, 32 of these students were finally able to attend graduation as Albany State University awarded them honorary degrees.

With the passage of the Higher Education Act of 1965, the federal government formally recognized and began funding historically black colleges and universities, including Albany State College.

In the 1970s, the college worked with other institutions to offer graduate degrees in a variety of education fields and in business administration.

In 1981, after increasing the number of faculty with doctorate degrees by more than fifty percent, Albany State College began offering graduate degrees designed and delivered solely by faculty and staff of the college.

In 1994, the school earned its nickname, "unsinkable." Tropical storm Alberto, which had submerged almost a half million acres of Georgia farmland, raised the Flint River to 44 feet, flooding most of the college. Under the leadership of president Billy C. Black, students and faculty banded together to carry on the college's mission, and, with the support of Governor Zell Miller and a $153 million recovery fund, rebuilt, renovated, and expanded the campus. During the rebuilding process, on the strength of the school's growing graduate programs, the Board of Regents in 1996 approved the renaming of the institution: Albany State University. In the following two decades, the university added residence halls, a student center, a stadium, and a fine arts center.

On November 10, 2015, the Board of Regents of the University System of Georgia voted unanimously to begin the process of consolidating Albany State University and Darton State College. The new Albany State University unifies the distinction, values, and missions of the two institutions. To lead the two institutions through the complex process of consolidating, the USG appointed Dr. Arthur N. Dunning as the ninth president of Albany State University and Dr. Richard Carvajal as the interim president of Darton State College.

The new Albany State University continues a combined legacy of more than 100 years of providing leadership in southwest Georgia in access to education, academic excellence, social change, and economic impact. A nationally top-ranked HBCU, it serves an increasingly diverse student body and community by offering the region a uniquely comprehensive array of programs, from associate to graduate degrees.

In the 21st century, Albany State University continued to strengthen its mission, attracting nationally renowned scholars and researchers to its faculty and preparing students for leadership in the region and beyond. Between 2000 and 2017, the University granted over 8,500 undergraduate and over 2,800 master's and educational specialist degrees and received over 130 million dollars in grant funding. Albany

State College was granted university status in July 1996, and the name of the Institution was changed to Albany State University. During this impressive growth and development, the University has been guided by the following presidents:

Joseph Winthrop Holley, D.D., LL.D (1903-1943)
Aaron Brown, Ph.D., LL.D., Ed.D. (1943-1953)
William H. Dennis, LL.D. (1953-1965)
Thomas Miller Jenkins, J.D., LL.D. (1965-1969)
Charles L. Hayes, Ed.D. (1969-1980)
Billy C. Black, Ph.D. (1980-1996)
Portia Holmes Shields, Ph.D. (1996-2005)
Everette J. Freeman, Ed.D. (2005-2013)
Arthur N. Dunning, Ph.D. (2013-2018)
Marion Fedrick (2018- present)

History of Albany State University's Graduate Programs

In the fall of 1972, Georgia State University and then Albany State College entered into a cooperative agreement to provide, at Albany State College, graduate studies leading to the Master of Education degree. By a similar cooperative agreement with Valdosta State College, Albany State began the Master of Business Administration degree program in October 1974.

In the fall of 1981, Albany State received approval from the Board of Regents to award independently both the Master of Business Administration and the Master of Education degrees. One year later in 1982, with the approval of the Board, the University offered the Master of Science degree in Criminal Justice. Again with the collaborative effort of the University of Georgia, Albany State offered the Education Specialist degree in Educational Administration and Supervision and was later approved as a Level II Master's institution in January 1984.

The Master of Public Administration degree and the Master of Science degree in Nursing became effective in the fall of 1987 and 1988, respectively. In the fall of 1991, Albany State was granted approval to offer the Education Specialist degree in Educational Administration and Supervision. In January 1999 Albany State University inaugurated doctoral education in the Albany area with the acceptance of the first cohort of students into the joint Ed.D. program with Valdosta State University.

The University received approval from the Georgia Board of Regents (BOR) to develop a Master of Social Work program in March of 2008. The Georgia Department of Families and Children Services (DFACS) awarded a Curriculum Development Grant to the Social Work Department for the purpose of meeting the need for clinically-trained MSW's in Southwest Georgia. The program was developed and received the full approval of the Georgia BOR on May 27, 2010. On August 13, 2010, the MSW received approval from the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), the accrediting body of all colleges and universities in the Southeastern United States. The Master of Social Work achieved Candidacy status from the Council on Social Work Education (CSWE) in February of 2012 and was granted Initial Accreditation status in February of 2014. The MSW Self-Study was reviewed and approved for full reaffirmation by the CSWE Board of Commissioners in February of 2018. Both the BSW and MSW programs will have its next reaffirmation review in June of 2024. Please contact the MSW Program Director or refer to the CSWE website (http://www.cswe.org) for further information about the accreditation process.

In August 2011, the Graduate School was decentralized and the admission process was transferred to ASU's Admissions Office. All other functions of the Graduate Programs were handled by the departments and colleges.

In the fall of 2014, the Graduate School was re-centralized as a functioning department. During this time, the Master of Business Administration degree program added Supply Chains and Logistics Management as a concentration.

In fall of 2016, the Master of Education in Secondary Education was added with concentrations in English Education, Mathematics Education and Science Education.

In fall of 2017, the Master of Education in School Counseling degree program was officially changed to a Master of Education in Counselor Education with concentrations in school counseling, mental health counseling, and rehabilitation counseling.

Vision, Mission, and Guiding Principles

Vision Statement

Albany State University will be a world-class comprehensive university and a powerful catalyst for the economic growth and development of Southwest Georgia. ASU will be recognized for its innovative and creative delivery of excellent educational programs, broad-based community engagement and public service, and creative scholarship and applied research, all of which enrich the lives of the diverse constituencies served by the University.

Mission Statement

Albany State University, a proud member institution of the University System of Georgia, elevates its community and region by offering a broad array of graduate, baccalaureate, associate, and certificate programs at its main campuses in Albany as well as at strategically-placed branch sites and online. Committed to excellence in teaching and learning, the University prepares students to be effective contributors to a globally diverse society, where knowledge and technology create opportunities for personal and professional success. ASU respects and builds on the historical roots of its institutional predecessors with its commitment to access and a strong liberal arts heritage that respects diversity in all its forms and gives all students the foundation they need to succeed. Through creative scholarship, research, and public service, the University's faculty, staff, students, and administrators form strategic alliances internally and externally to promote community and economic development, resulting in an improved quality of life for the citizens of southwest Georgia and beyond.

Guiding Principles

Aspire to Excellence

Albany State University will aspire toward excellence in teaching and learning, thus becoming the first-choice institution for students from southwest Georgia and garnering recognition as a premier southern regional university.

Embrace Diversity

As a historically black institution and led by a highly-diverse faculty and staff, Albany State University will embrace diversity in all its forms – including age, gender identity, race and ethnicity, country of origin, religion, ability

level, sexual orientation, and veteran status – and seek to foster a similar acceptance and celebration of that diversity.

Expand Access to Higher Education

As an access institution, Albany State University will promote student success for all by welcoming students from varying levels of academic preparation, keeping costs low, offering flexible class times and instructional modalities, and pairing high student expectations with exceptional mentoring, advising, and tutoring.

Elevate Historically Underserved Populations

Albany State University will recognize and address the many challenges that face African Americans and other students of color, adult learners, first generation students, students from low socioeconomic backgrounds, and others from underserved populations, and form strong partnerships with K-12, government agencies, and community outreach organizations to increase access and success rates.

Promote Economic Development

As part of its commitment to teaching and learning, Albany State University will promote economic development in Albany and throughout southwest Georgia by engaging in applied research, aligning its resources in support of identified needs, developing and enhancing academic programs to meet evolving needs, forming broad strategic partnerships, supplying a trained workforce, and fostering a sense of entrepreneurship.

Graduate School Mission

The purpose of the Graduate School at Albany State University is to define and promote excellence in graduate education and the research and scholarly activities associated with it. In concert with the College of Arts and Sciences, the College of Professional Studies, and the Darton College of Health Professions, the Graduate School establishes a high standard of intellectual excellence and ensures the application of that standard in discussions, deliberations and decisions about faculty, students, curriculum and research direction. The Graduate School is centered on academic issues and on enhancing scholastic excellence in the recruitment, admission and matriculation of graduate students.

The Graduate School brings an institution-wide perspective to all post-baccalaureate endeavors. It establishes, through its faculty, a set of policies that define excellence in graduate programs, high quality in curriculum, exceptional student selection and rigor in faculty appointments. It defines the minimum standards acceptable for all post-baccalaureate work and ensures the observance of both the campus-wide and program–specific standards articulated and approved by the graduate faculty.

Research in the Graduate School plays a central role in expanding scholarship and providing service to Southwest Georgia and the world. Characterized by a multi–disciplinary and holistic approach to learning, graduate research involves students, faculty and applicable stakeholders in addressing policy issues and solving local, regional and global socioeconomic, political and environmental problems. Upon graduation, students will possess the measurable competencies and knowledge required to contribute successfully to their organizations and communities, enhancing their own lives and improving the quality of life and opportunities for others. Publications in scholarly journals and books document the results of research and the improvements made to the quality of life of citizens living throughout Georgia and the Southeastern United States.

Quality graduate programs result only from quality faculty. Thus, the Graduate School ensures sufficient numbers of full-time, permanent faculty members who are active in scholarship and research and highly effective in creating technology-based classroom environments in which maximum learning occurs. ASU's graduate faculty are committed to promoting life-long learning, dedicated to quality scholarship and to the intellectual enhancement of their graduate programs and of their students. Building a student centered, pluralistic learning community is a top Graduate School priority.

The Graduate School provides institution-wide leadership and develops and implements policies governing graduate education. The Director of the Graduate School coordinates, in collaboration with the academic Deans, the various graduate programs offered by all of its colleges.

Graduate School

Director of the Graduate School
Graduate Recruitment Service Coordinator
Administrative Specialist

The Albany State University Graduate School brings an institution-wide perspective to all post-baccalaureate endeavors. It establishes, through its faculty, a set of policies that define excellence in graduate programs, high quality in curriculum, exceptional student selection, and rigor in faculty appointments. The Graduate School staff assist graduate students and faculty in matters related to all aspects of graduate study. The Graduate School administers all graduate programs; screening and processing of all applications, serving as the primary contact for new students, monitoring academic standards, and ensuring compliance with all appropriate regulations at Albany State University.

The following is a listing of degrees offered by Albany State University's Graduate School:

- Master of Business Administration (p. 44)
- Master of Science in Criminal Justice (p. 41)
- Master of Education with a Major in Counselor Education (p. 36)
- Master of Education with a Major in Early Childhood Education (p. 73)
- Master of Education with a Major in Educational Leadership Tier I (p. 39)
- Master of Education with a Major in Middle Grades Education (p. 74)
- Master of Education with a Major in Secondary Education (http://catalog.asurams.edu/graduate/degree-programs/teacher-education/master-education-secondary-education)
- Master of Education with a Major in Special Education (p. 76)
- Master of Public Administration (p. 58)
- Master of Science in Nursing (p. 53)
- Master of Social Work (p. 63)
- Education Specialist with a Major in Educational Leadership Tier II (p. 40)

Accreditation Statement

Albany State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, masters, and specialist degrees. Contact the:

Commission on Colleges

1866 Southern Lane
Decatur, Georgia 30033-4097

or call 404-679-4500 for questions about the accreditation of Albany State University.

Albany State University is also accredited by:

- the Council for Accreditation of Educator Programs (CAEP),
- the Georgia Professional Standards Commission (GaPSC)
- the Council for Accreditation of Counseling and Related Education Programs (CACREP),
- the Association of Collegiate Business Schools and Programs (ACBSP),
- the Accreditation Commission for Education in Nursing (ACEN),
- the Georgia Board of Nursing (GBN),
- the Council on Social Work Education (CSWE),
- the American Chemical Society (ACS),
- the American Academy of Forensic Sciences (FEPAC),
- and the Network of Schools of Public Policy Affairs and Administration (NASPAA).

Individual colleges and departments also hold memberships in the regional and national professional organizations associated with the respective discipline.

Admissions

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Albany State University's Equal Opportunity Statement

Albany State University is an equal employment, equal access, equal educational opportunity and affirmative action institution which adhere to all federal and state civil rights laws banning discrimination in public institutions of higher education.

The University is committed to ensuring equal opportunity to all students, employees, and applicants for employment or admission without regard to race, color, religion, sex, national origin, age, veteran status, physical or mental disabilities, or sexual orientation. It is the policy of Albany State University to comply with all federal laws, including the Age Discrimination Act of 1975, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act (ADA) of 1990 (Title II), Title IX of the Education Amendments of 1972 (Title IX), Title VI of the Civil Rights Act of 1964 (Title VI), Executive Order (E.O.) 11246, and all subsequent amendments and implementing regulations which prohibit discrimination as above described. In accordance with the requirements above, Albany State University affirmatively states that it does not discriminate on the basis of race, color, religion, sex, age, veteran status, disability or national origin in its employment and/or educational programs and activities. Albany State University is an Affirmative Action/Equal Opportunity Institution.

The University shall take action, to the extent allowed under state and federal law, to ensure fulfillment of this policy. For questions or more detailed information regarding this policy, or to file a complaint regarding violation of this policy, please contact the

Albany State University Office of Human Resources
2400 Gillionville Road
K Building, Room 111G
Albany, Georgia 31707
Director of Human Resources at 229-500-3067

Students requiring disability related accommodations for participation in any event or to obtain print materials in an alternative format, please contact the

Counseling and Disability Services
New Student Center, 2nd Floor, Green Zone (Room 2-140)
Dr. Stephanie Harris-Jolly, Director of Counseling and Student Disability Services, 229-500-3442.

Admission Requirements

Individuals seeking admissions to a graduate program must submit the information below to:

Albany State University Graduate School
504 College Drive
Billy C. Black Building, Suite 292
Albany, Georgia 31705

1. A completed graduate school application.
2. A non-refundable application fee.
3. Official transcripts from ALL institutions attended (Bachelor's degree from a regionally accredited college or university is required).
4. Official and acceptable scores on the Graduate Record Examination (GRE), Miller Analogies Test (MAT), or Georgia Assessments for the Certification of Educators Program Admission Test (GACE). GRE and/or MAT scores more than five years old are not acceptable. The required test varies according to graduate degree program.
5. Program specific supporting documents.

Students are responsible for contacting all institutions previously attended and currently attending for the purpose of requesting official transcripts to be sent to Albany State University's Graduate School. Albany State University's Graduate School will request the official Albany State University transcript for students who have previously attended and/or currently attending Albany State University and who complete the Albany State University Transcript Request. Students are responsible for contacting testing agencies for the transmittal of official test scores to Albany State University's Graduate School.

Note: Application records for students who do not enroll are maintained for one year. Falsifying admissions information and related documentation will result in immediate termination from Albany State University's Graduate School.

Official Acceptance

A letter from Albany State University's Graduate School verifies official acceptance or denial. The acceptance letter will state the category of admission.

Categories of Admissions

Grade Point Average (GPA), test scores, recommendation letters, previous graduate work and interviews are metrics used to determine the candidate's fit for a particular graduate program, the overall likelihood of success in Albany State University's Graduate School, and eligibility for admission. Test scores indicate preferred minimum scores on the GRE or MAT and programs may have different test requirements for admission. Applicants accepted into the Albany State University's Graduate School will be classified in one of the following categories.

Regular Admission

Applicants may be granted regular admission to a graduate program if they have:

- the minimum cumulative grade-point average on all coursework at the undergraduate level and, if required,
- the minimum standardized test scores (402 on the Miller Analogies Test (MAT) or 146 Verbal and 140 Quantitative on the Graduate Record Examination (GRE).

GRE verbal and quantitative scores are considered separately and may be weighted.

Only students with regular admission status are eligible for graduate assistantships.

Note: The Educational Specialist degree program requires a minimum 3.0 grade-point average on all coursework at the Master's level. The Master of Education in School Counseling degree program requires a minimum 2.8 grade-point average on all coursework at the undergraduate level. The Master of Business Administration degree program requires a minimum 3.0 grade-point average in the last 60 hours of undergraduate coursework. The Master of Science in Nursing degree program requires a minimum 3.0 grade-point average on all undergraduate coursework. The Master of Public Administration degree program requires a minimum grade-point average of 3.0 on all undergraduate coursework.

Provisional Admission

Applicants who do not fully meet the requirements for regular admission may be considered for provisional admission. The following criteria must be met in addition to admission requirements mentioned above:

1. An undergraduate degree from a regionally accredited college or university with an undergraduate major in, or prerequisites for, the planned field of study, where applicable.
2. A minimum undergraduate grade-point average of 2.5 on all coursework.
3. A score on the MAT of no less than 374 or a score on the Graduate Record Exam (GRE) of no less than 143 Verbal and 138 Quantitative. If applicable to specific program of study admission requirements.
4. Program specific supporting documents.

A student satisfying coursework in provisional status with no grade of less than "B" may be admitted to regular admission. Otherwise, the student's enrollment is terminated from Albany State University's Graduate School. Individuals must achieve regular admission status before they are allowed to graduate. Students may remain in provisional status longer than two academic semesters.

Note: ***Individual programs of study may have higher provisional admission standards.***

Non-Degree Admission

Individuals wishing to enroll for personal enrichment or job-related requirements but who are not seeking a degree and students who are not eligible for regular admission or provisional admission may be admitted for non-degree admission. No more than nine (9) graduate hours earned in non-degree status may be counted toward a degree program; the courses may not be more than six-years old. Non-degree applicants must submit the following to the Office of Graduate Admissions:

- Application for admission
- Application-processing fee
- Unofficial transcripts from the institution that awarded the highest degree. Official transcripts will be required after an offer of admission.
- TOEFL scores for international students (refer to English Language Proficiency Requirement)
- Statement of purpose. The statement of purpose should be completed in the space provided on the application for admission.

A student admitted under non-degree status may not be eligible for financial aid.

- If a student does not meet the admissions requirements to be admitted into either a provisional or regular graduate student status because of **missing preparatory undergraduate coursework**, the student will be placed into a non-degree seeking status. The student will remain in this status until outstanding preparatory coursework requirements are met.
  - All preparatory coursework requirements must be completed with grades of a "C" or above or the student will not move out of a non-degree seeking status or be accepted for admission into a graduate program.
  - Individual graduate programs may require grades better than "C" for admissions into these programs, so students must check specific program requirements.
- If the student is seeking financial aid to assist with preparatory coursework costs, the Graduate Admissions Counselor will coordinate with the student and a Financial Aid Counselor to complete the Preparatory Coursework Agreement Form. This agreement identifies all preparatory coursework required for admission into the graduate program and each term that the student will take the outstanding coursework.
  - Students eligible award amount will be determined by the office of financial aid.
  - Financial aid will only be awarded to students in a non-degree seeking status for a maximum of 3 semesters of enrollment, any

additional courses beyond this limit will not be covered by the office of financial aid.

Transient Admission

Transient admission may be granted to students in good standing at regionally accredited graduate schools who wish to enroll for one semester at the Albany State University. Applicants requesting this status must submit the following to Graduate Admissions:

- Application for admission
- Application-processing fee
- Certification of graduate standing in a regionally accredited institution.

Albany State University graduate students interested in taking courses at other institutions in transient status must satisfy the admission requirements of that institution. Credits earned in transient status are counted as transfer credits.

Students admitted in these classifications who later wish to enroll in a graduate degree program must apply to a degree program. No more than 9 hours of transfer course credits can be used toward a degree program, if the courses are not more than six-years old.

Applications for admission for both non-degree and transient students must list an academic major. Additional information may be required for admission to these classifications by departments; therefore, applicants should contact the appropriate department.

Readmission

Students who have not been in attendance for one or more semesters must apply to Albany State University's Graduate School for readmission.

Note: ***Summer semester is not included as a semester of non-attendance.***

Certification Only Admission

Students applying for one of the certification programs offered by the College of Education must complete the following:

K-12 Initial Teaching Certification

1. A completed graduate school application.
2. A completed application for evaluation for teacher certification (contact the College of Education Certification Office).
3. A non-refundable application fee.
4. Official transcripts from ALL institutions attended (Bachelor's degree from a regionally accredited college or university is required).

School Counseling Certification (non-degree)

Applicants who already have a Master's degree in counseling or a closely related area may opt for certification as a school counselor. Applicants must submit:

1. A completed graduate school application.
2. A non-refundable application fee.
3. A completed Counselor Education Program application.
4. Master's degree in counseling or a closely related field
5. A completed certification evaluation for school counseling (contact the College of Education Certification Office).
6. Official transcripts from ALL institutions attended
7. A cumulative graduate grade point average of at least a 3.0 from a regionally accredited college or university.
8. Passing scores on the GACE Admission Examination.
9. Three (3) current recommendations (form available on Graduate School webpage).
10. A written professional statement
11. Successfully complete an interview with the School Counseling admissions committee.

Initial Certification in School Counseling

Applicants who do not hold Georgia educator certification but who already have a Master's degree in counseling or a closely related area may opt for initial certification as a school counselor. Applicants must submit:

1. A completed graduate school application.
2. A non-refundable application fee.
3. A completed Counselor Education Program application.
4. Passing scores on the GACE Admission Examination.
5. Three (3) current recommendations (form available on Graduate School webpage).
6. A written professional statement.
7. An undergraduate grade point average of 2.8 or better
8. A minimum standardized test score of: 402 on the Miller Analogies Test (MAT) or 146 Verbal and 140 Quantitative on the Graduate Record Examination (GRE); or, **for individuals seeking Georgia certification in School Counseling:** Passing scores on all three tests within the GACE Program Admission assessment [Reading (200), Mathematics (201), and Writing (202)] are required.

The GACE Program Admission tests may be exempted if the applicant holds a current or expired Georgia Clear Renewable (professional) certification or sufficient scores are obtained on the SAT® (1000 Verbal/ Critical Reading, and Math), ACT® (43 English and Math), or GRE® (1030 Verbal and Quantitative; after 8-1-11, 297 Verbal and Quantitative).

Individuals seeking School Counseling certification in other states must provide passing scores on the **Praxis® Core Academic Skills for Educators** (Core) [Reading (156), Mathematics (157), and Writing (162)] are required. *Students who enroll in the School Counseling but later apply to change concentrations must provide MAT or GRE scores.*

Education Administration and Supervision Add-On Certification

Educational Administration and Supervision Add-On: Certification at the Master's Level, Tier I

1. 2.5 minimum overall undergraduate grade point average (GPA).
2. Initial teaching certification.
3. Three letters of recommendations with one from immediate supervisor.

4. Evidence of successful completion of GACE Program Admission, usually satisfied with initial certificate. **(Applicants not meeting this requirement will be admitted provisionally and required to satisfy the requirement during their first semester of enrollment)**

5. Evidence of the GA Ethics for Educational Leadership Assessment Entry Examination (370). **(Applicants not meeting this requirement will be admitted provisionally and required to satisfy the requirement during their first semester of enrollment)**

6. Evidence of meeting special education requirement. **(Applicants not meeting this requirement will be admitted provisionally and required to satisfy the requirement during their first semester of enrollment).**

Educational Administration and Supervision Add-on: Certification at Specialist Level, Tier II.

1. Minimum grade point average of 3.0.
2. Georgia Tier I or Master's in Leadership.
3. Minimum of three years of educational experience (teaching and/or leading).
4. Three recommendations with one from immediate supervisor.
5. Superintendent's Assurance Form.
6. Writing sample (Completed during orientation during first semester of enrollment).
7. Interview with leadership faculty.
8. Currently holding a leadership position.
9. Has partnership agreement with hiring district.

Admissions Deferment

Students who do not enroll for the semester in which they were admitted must defer their admission if they desire to attend at a later date. A formal written request from the student indicating the semester in which they plan to enroll will satisfy their deferment.

Note: One deferment is allowed and cannot exceed one academic year in advance. i.e. students admitted for the Fall semester may defer their admission to the upcoming Spring, Summer, or Fall semester.

Appeals of Admissions Decision

Applicants denied admission to Albany State University's Graduate School may appeal the decision but only on the grounds that the denial was based on an inaccurate evaluation of minimum program requirements or a violation of Albany State University's Equal Opportunity Statement listed below. Meeting minimum admission requirements does not guarantee admission to the graduate school.

Appeals of graduate school admission decisions must be in writing, state specifically the grounds for the appeal, be accompanied by supporting documentation, and be directed and delivered to Albany State University's Graduate School. Upon receipt of the appeal, the Graduate School will forward the applicant's file and appeal documents to the Appeals Committee of the Graduate Council, and, after the proceedings, communicate the decision to the applicant. Students who submit an appeal will not be considered for the semester in which they were denied; instead, they will be considered for the following semester.

Senior Policy

Albany State University undergraduate students with senior standing may be admitted to non-degree status in Albany State University's Graduate School and register for graduate courses if each of the following conditions is met:

1. Seniors must apply and be formally accepted as non-degree seeking students in a specific graduate program.
2. Seniors can only be admitted as non-degree seeking students.
3. Seniors must be within twelve (12) hours of graduation to be admitted to a Graduate Program.
4. Admitted seniors are limited to a maximum course load of sixteen (16) credit hours (graduate and undergraduate) per semester.
5. Admitted seniors are permitted to take a maximum of 6 graduate hours during any semester.
6. Admitted seniors enrolled in a graduate program must maintain a 3.0 or higher grade-point average.
7. Only nine (9) semester hours taken under non-degree status will be accepted to fulfill the requirements for a subsequent master's degree.
8. Admitted seniors are governed by the regulations for non-degree students in Albany State University's Graduate School.

Change in Status

A student admitted to the Graduate School remains in the original academic status until notified in writing by the Dean of the Graduate School of the approval of a change in status.

Faculty and Professional Staff Conflict of Interest

1. In any case where a conflict of interest may exist because an employee, student or faculty member has immediate family ties with the grantor of grades in a course or within a degree program, the course grade of degree shall be subject to review by the Dean of the College and the Vice-President for Academic Affairs.
2. Faculty, staff and administrative personnel are eligible to be enrolled in a graduate degree program of study within their own college provided that there is neither conflict of interest nor a restriction established by the policies in this document.
3. Faculty, staff and administrative personnel may enroll as graduate students in another college other than the one in which they are employed provided that there is neither conflict of interest nor a restriction established by the policies in this document.
4. A graduate student within a specific discipline shall not hold nor be assigned any secretarial or administrative position in the department in which the graduate student is seeking a degree.
5. Employees of Albany State University shall not be allowed to seek a graduate degree in a program in which they are in a position to alter graduate records.
6. Members of the immediate family (such as spouse, parent, child, brother, or sister) of a faculty member may enroll for graduate credit in course taught by the faculty relative only with written approval of the chairperson of the department, the dean of the college, and the Vice President of Academic Affairs.
7. Members of the immediate family may be enrolled in a graduate degree program in which the faculty relative has voting status only with the written approval of the chairperson of the department, the dean of the college, and the Vice President for Academic Affairs. This statement does not prohibit faculty relatives from enrolling in degree programs in other departments within the same college at Albany State University.

8. When a full time employee desires to enter a graduate program, the immediate supervisor and the dean of the college must be notified by the employee. The employee and administrators must reach a common written understanding about job requirements and academic responsibilities.
9. If a second degree is pursued within the Albany State University Graduate School, nine (9) graduate hours may be transferred from a previous graduate degree. Faculty, staff and administrative personnel are limited to two master's degrees at Albany State University, from which nine (9) graduate hours can be transferred to the second master's degree.
10. Exceptions to this policy may be granted only by a majority vote of the Graduate Council or by the President of Albany State University or his designee.

Change of Degree Program

Before an enrolled student can transfer from one degree program to another, the student must apply in writing for admission to the new degree program and must satisfy all of the original conditions of admission to the new degree program. Applications must be submitted in accordance with admission deadlines and the Admission Requirements (p. 10) stated in this catalog. Questions regarding transfer of credits and residency status to the new degree program will be resolved according to the existing academic standards of the new program.

Full Time Status

A graduate student is considered a "full-time" student for the fall and spring semesters when he/she is enrolled in nine semester hours. For summer semester a student is considered "full-time" with six semester hours. Students who have completed course requirements and are enrolled for thesis hours, are also considered "full-time." Exceptions to this policy are made on a case-by-case basis with final determination made by the Dean of the Graduate School. Students wanting to apply for an exception should submit formal written documentation to Albany State University's Graduate School indicating how the student is engaged in full-time academic work while not taking either nine (9) semester hours during the fall and spring, six (6) semester hours during the summer, or registered for three thesis hours.

Admissions Application Deadlines

The deadlines for submission of application and all required documents to guarantee an admission decision for the corresponding semester are indicated below. Please be aware that applications received after the deadline will be accepted but may not be processed in time for admissions to the corresponding semester or for the awarding of financial aid. Note: Deadlines are subject to change.

	Application Deadline	Document Submission Deadline
Spring	November 15	November 30
Summer	April 15	April 30
Fall	July 15	July 31

Note: International students must complete an application at least one month prior to the term they wish to begin study. Admission Application Dates are subject to change.

Admissions of International Students

Albany State University welcomes international students to its campus and is willing to assist students from other countries in achieving a successful educational experience at the University. International students, defined as citizens of countries other than the United States who require a visa in order to study in the United States, may contact:

Albany State University's Graduate School
504 College Drive
Billy C. Black Building, Suite 292
Albany, GA 31705
Telephone: 229-500-2022; Fax: 229-500-4417
E-Mail: g (graduateadmissions@asurams.edu)raduateadmissions@asurams.edu (graduateadmissions@asurams.edu)

International students seeking admission to Albany State University's Graduate School must satisfy the following requirements:

1. A completed graduate school application.
2. A non-refundable application fee.
3. Get official transcripts of all non-U.S. colleges attended evaluated by an official U.S. Credential Evaluation Service. Send the results to ASU's Graduate School. International applicants must have the equivalent of an U.S. Bachelor's Degree. A course-by-course and grade point average (GPA) evaluation is required for college/university records. World Education Services is our preferred credential evaluator and they can be reached at 212-966-6311 or www.wes.org (http://www.wes.org). A listing of all recognized credential evaluation services is available at www.naces.org (http://www.naces.org).
4. Request that all U.S. colleges/universities that you have attended or are attending, send your official academic transcript to ASU's Graduate School.
5. Request that your official Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) scores be sent to ASU's Graduate School if your home country's official language is not English. Minimum score on the TOEFL Paper-based test is 523, Computer-based test is 193, and Internet-based test is 69. Minimum score on the IELTS test is 6.
6. Complete the Certificate of Finances Form and return with verification of financial support to ASU's Graduate School. Such verification can be an official bank statement or a signed letter from a bank officer dated within the past six months verifying that you have at least $27,600 in U.S. funds or your country's equivalent available for one year of tuition and expenses while attending ASU.
7. Submit required documents for program of interest to ASU's Graduate School.
8. Once all required documents have been received, the completed application packet will be forwarded to the respective department for review.
9. If you are currently attending another college or university in the U.S. and wish to transfer to ASU, you will need to complete the items above that apply to you and send a copy of your current Form I-20, student visa, and I-94 to ASU's Graduate School. You will also need to have a Designated School Official (DSO) complete the ASU Transfer Clearance Form and have it returned to ASU's Graduate School.
10. Please provide proof of health insurance coverage that will cover you in the United States. You will be required to purchase health

insurance in the U.S. if you do not have such insurance in your home country.

11. Required documents other than official transcripts, test scores, and credential evaluation reports may be imaged and emailed to graduateadmissions@asurams.edu or mailed to the address at the top of the page.

Graduate Advisor

The graduate advisor plays an important part in graduate education at Albany State University. The official notice of acceptance will also indicate the name and contact information for the student's advisor. The advisor assists students with registration, and program of planning.

Financial Aid

Office of Financial Aid

Location: Ram Central
2400 Gillionville Rd., Albany, GA 31707
C Building

Telephone: 229-500-4358
Email: ifinaid@asurams.edu

The Office of Financial Aid at Albany State University is committed to increasing opportunities for student access and success in higher education by helping students and their families seek, obtain, and make the best use of all financial resources.

Through financial literacy and guidance, we support incoming students in making a successful transition to college. We also contribute to the University's retention efforts by providing ongoing assistance to our continuing students to help make their academic efforts more attainable.

While complying with federal, state, and institutional guidelines, we ensure equity and consistency in the delivery of funds to students.

Hours of Operation

Monday: 8:00 am - 7:00 pm
Tuesday, Wednesday & Thursday: 8:00 am - 5:00 pm
Friday: 8:00 am - 2:00 pm

Office hours will vary during registration times, holidays, summer term and semester breaks. Check our website during those times for updated office hours.

Types of Financial Aid Offered

Federal Financial Aid

Students interested in federal financial aid must complete a Free Application for Federal Student Aid (FAFSA) form. This form must be completed each academic year in which the student would require financial assistance. The federal funds available to graduate students are as follows:

- Federal TEACH Grant
- Federal Work-Study Program
- Federal Direct Unsubsidized Loan
- Federal Direct PLUS Loan (for graduate students)

Federal TEACH Grant

Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program that provides grants of up to $4,000 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. If you meet TEACH Grant requirements you should complete a TEACH Grant Application, found online at www.asurams.edu, under financial aid forms, and submit it to the Office of Financial Aid.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Federal Work-Study Program

The Federal Work-Study Program provides jobs for students who need financial aid and who must earn a part of their educational expenses. This program is based on need. Eligible students must be enrolled in at least one credit hour. In arranging a job and determining how many hours per week a student may work under this program, the student's financial need, class schedule and academic progress will be taken into account.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Federal Direct Unsubsidized Loan

The unsubsidized loan is not based on financial need. The federal government is the lender. The government does not pay the interest on this loan. The interest rates are variable and adjusted each year. The interest rate on this loan will not exceed 8.25 percent. A student must be enrolled in school on at least a half-time basis (6 or more credit hours) to be eligible for this loan. A loan fee is deducted from each disbursement and is subject to change. The federal government retains this amount as an origination fee, which reduces the cost of supporting low-interest loans. Payment begins six months after the student leaves college or stops attending on at least a half-time basis.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Federal Direct Grad PLUS Loan (Graduate Students)

Graduate and professional degree students with satisfactory credit history can borrow a Direct GRAD PLUS Loan to help cover education expenses. The first payment on a Grad PLUS Loan is due within 60 days after the final loan disbursement for each loan. The interest rates are variable and adjusted each year. The interest rate is on these loans will not exceed 9 percent. A loan fee is deducted from each disbursement and is subject to change. The federal government retains this amount as an origination fee, which reduces the cost of supporting low-interest loans. Completion of the Free Application for Federal Student Aid (FAFSA) is required.

Before a student can receive a GRAD PLUS Loan, the school must have determined your eligibility for Direct Unsubsidized Direct Loans.

Completion of the Free Application for Federal Student Aid (FAFSA) is required.

More detailed information on eligibility or any of the above types of federal funds can be found at http://studentaid.ed.gov/.

External Scholarships

External scholarships are available through external sources such as local churches, clubs, professional organizations, private foundations and civic groups. Listed below are some scholarship search websites:

- www.gacollege411.org (http://www.gacollege411.org)
- www.college-scholarships.com (http://www.college-scholarships.com)
- www.fastweb.com (http://www.fastweb.com)
- www.gmsp.org (http://www.gmsp.org)
- www.collegeanswer.com (http://www.collegeanswer.com)
- www.gocollege.com (http://www.gocollege.com)
- www.collegeboard.org (http://www.collegeboard.org)
- www.scholarships.com (http://www.scholarships.com)
- www.collegenet.com (http://www.collegenet.com)

Albany State University is in no way affiliated with these websites. This information is provided to assist our students in locating funds for college expenses. The information presented on these web sites does not necessarily reflect the views of Albany State University.

Military Educational Assistance Programs

Military Educational Assistance Programs assist veterans, active duty personnel, and eligible dependents with costs associated with attending college. Any prospective students that meet this criteria are encouraged to take full advantage of benefits available through the Veterans Administration. Those students eligible for benefits should apply for Admissions to the University and complete the Admissions process. An application for VA Education Benefits should be completed prior to entering the institution. The Veteran or other eligible persons are advised to have money available to cover the first semester's tuition and fees at the time of enrollment. Albany State University does not participate in advanced payment with the VA. Interested persons should contact the Office of Military and Adult Education for information and assistance pertaining to eligibility and application for Educational Benefits at 229-500-2070.

Financial Aid Eligibility

All federal financial aid recipients must meet the following requirements:

- Demonstrate financial need (for most programs);
- Be a U.S. citizen or eligible non-citizen;
- Have a valid social security number;
- Be registered with Selective Service, if you are male (you must register between the ages of 18 and 25);
- Have a high school diploma or General Education Development (GED) certificate;
- Be admitted to Albany State University, paid the application fee (if applicable), and be enrolled as a regular student in an eligible degree or certificate program;
- Be enrolled at least half-time to be eligible for Direct Loan Program funds;
- Maintain satisfactory academic progress requirements;
- Not be in default on a student loan and not owe money on a federal student grant received at any school;
- Agree to use federal student aid for educational purpose only;
- Provide all necessary documentation required/requested[1]

[1] Federal regulations mandate that a school must have a system of identifying and resolving discrepancies in all FSA-related information received by any school office. A school must resolve discrepancies for all students, not just those selected for verification. Resolution includes determining what information is correct and documenting the school's finding in the student's file. Conflicting information must be resolved before disbursing aid or making a professional judgment adjustment. If conflicting information arises after a student's aid was originally disbursed, the school may remove any disbursements of aid from a student's account and require resolution of any conflicting information before disbursing any further aid. If this occurs, the student may be liable to the college for any balances owed as a result of receiving aid that he/she wasn't eligible for based on the conflicting information.

All students should also be aware of the following information regarding financial aid eligibility:

- Financial aid will only pay for classes required for a student's major, as identified by the Office of the Registrar. Students should refer to the major course requirements before registering for classes.
- All financial aid recipients must maintain Satisfactory Academic Progress (SAP). Graduate students must maintain at least a 3.0 cumulative GPA and successfully complete a minimum of 67% of the cumulative credit hours attempted (cumulative earned hours versus cumulative attempted hours). Coursework used to evaluate SAP for **degree programs** includes all attempted hours at Albany State University, including repeat courses as well as most transfer hours, regardless of whether or not a student received financial aid for those courses. Students who do not meet the SAP standards are not eligible for financial aid, with the exception of those students in a WARNING or PROBATION status as described by our Financial Aid SAP Policy www.asurams.edu.
- Financial aid will pay up to 150% of Albany State's programs of study. For example: If an Masters Degree is 30 credit hours, financial aid will pay for a total of 45 attempted credit hours (30 x 1.5 = 45).
- Financial aid recipients enrolled at two or more colleges/universities at the same time cannot receive duplicate federal financial aid at both schools. If it is determined that a student is receiving duplicate aid at two schools, ASU will remove the aid and the student may owe a balance as a result.
- Students must be attending at least 6 credit hours applicable toward their major to be eligible for a student loan.
- Students who register for a second half semester course (B-term) have fees due at the regular published fee payment deadlines, even though in some cases federal student loan funds may not be available until B-term has actually begun.
- Enrollment for federal and state grant recipients is "frozen" each semester at the end of add/drop period. Students must be registered for **all** parts of term before the freeze date to receive aid for any class(es).

All financial aid recipients are strongly encouraged go to Albany State's website at www.asurams.edu, under the Financial Aid section, for additional or updated information on financial aid requirements, procedures, and frequently asked questions, and to view the Student Rights & Responsibilities.

Conflicting Information

Conflicting information occurs when information reported, either verbally or on any documentation submitted to any office at the University, does not match the information being reported on the FAFSA or supplemental forms/documents and the discrepancy affects eligibility or is of sufficient magnitude to materially affect the amount and types of aid a student is eligible to receive.

Federal regulations mandate that a school must have a system of identifying and resolving discrepancies in all FSA-related information received by any school office. A school must resolve discrepancies for all students, not just those selected for verification. Resolution includes determining what information is correct and documenting the school's finding in the student's file. Conflicting information must be resolved before disbursing aid or making a professional judgment adjustment. If conflicting information arises after a student's aid was originally disbursed, the school may remove any disbursements of aid from a student's account and require resolution of any conflicting information before disbursing any further aid. If this occurs, the student may be liable to the University for a balance owed as a result of receiving aid that he/she wasn't eligible for based on the conflicting information.

Steps to Apply for Financial Aid

- **Electronically submit the FAFSA** at www.fafsa.gov (http://www.fafsa.gov) before the deadline – This will start the financial aid process and determine aid amounts. Be sure to include the School Code: **001544** and visit our website for the Financial Aid deadlines. The priority deadline and financial aid deadline per term are different. The priority deadline refers to the preferred deadline you should submit your financial aid paperwork by to ensure the best financial aid package, as some funding is limited and will run out. **Note**: ***It may take up to 5 business days for ASU to receive your FAFSA data from the Department of Education.***
- **Check your Banner Web frequently.** Please make sure that your Banner Web account is active so that you can respond to any request for verification/documentation. If not yet admitted, students may access Banner Web as a guest. If additional information is needed to process your financial aid, you will be notified via Banner Web. **Note**: ***It can take up to 4 weeks once you have submitted all required documentation to review and award your file.***
- **Financial aid does not transfer from one school to another.** If you are a **transfer student,** you will need to **cancel all pending** loans or grants at the school where you last attended. After requesting cancellation at your previous school, please notify Albany State University that your loans and grants have been cancelled. **Note**: ***Aid will not show as cancelled until your previous school reports the cancellation to the Department of Education-we cannot proceed with processing a file until aid shows fully cancelled.***

Financial Aid Application Deadlines

Students who want to apply for financial aid should complete the Free Application for Federal Student Aid (FAFSA) as soon as possible after October 1st.

Students are urged to complete the FAFSA at http://fafsa.ed.gov. The Albany State University School Code is **001544.**

Date	FAFSA Deadline
February 15	Priority FAFSA Processing Deadline

The Office of Financial Aid will be processing completed applications for the academic year as soon as Federal regulations are received and the Board of Regents determines tuition rates for the academic year. A student must be accepted for enrollment (new students and readmits) before he/she can be awarded.

Application processing can take up to 4 weeks for completion, assuming all requested documents were submitted and are acceptable. Although the priority deadline is **February 15** of each year, applications that are not completed by the following deadlines may not be processed by the beginning of the designated semester.

Semester	Date
Fall semester	**June 1**
Spring semester	**November 1**
Summer semester	**April 1**

If a student has not completed the financial aid application process (this includes providing additional documentation as requested by the Office of Financial Aid) by the dates given above, the student should be prepared to pay all educational costs assessed on the fee statement by the fee payment deadline. If a student is determined eligible for financial aid at a later date, aid can be disbursed in accordance with federal regulations.

Other Resources/Estimated Financial Assistance (EFA)

Students are required to disclose financial assistance that will be paid by a third party on their behalf. When a portion of a student's cost of attendance is waived or paid by another source, other than federal financial aid, this is considered other resources or estimated financial assistance (EFA). Examples of other resources include, but are not limited to, the following:

- External grants and scholarships
- University grants and scholarships
- Tuition assistance
- Stipends
- Military tuition benefits
- University tuition discounts and waivers
- University administration tuition and/or student account adjustments
- Income from insurance programs that pay for the student's education
- Private loans
- Private and state grants
- Tribal aid
- Other financial assistance paid directly to the University

A student must have financial need to receive all federal financial aid funds except for Direct Unsubsidized and PLUS Loans under the Direct Loans program. As such, a student's expected family contribution and other resources will be subtracted from the cost of attendance when determining eligibility for federal financial aid (Title IV). All awards, including need and non-need-based aid, cannot exceed a student's annual cost of attendance.

EFA must not exceed a student's cost of attendance. If the University receives additional other resources that cause the student to exceed the cost of attendance, it will adjust the awards appropriately to eliminate the overaward. This may include reducing future disbursements for a second or subsequent payment period or returning awards to the funding source. Funds will be returned in the order most beneficial to the student.

Satisfactory Academic Progress (SAP) Policy

Federal regulations, HEA Sec. 484(c) §668.16, 668.34, require institutions participating in Title IV federal financial aid programs to develop academic progress standards and review student records to ensure they are complying with these standards and making adequate progress toward their academic goals. At Albany State University's (ASU) Office of Financial Aid (OFA), **SAP is reviewed each semester**. Students who do not meet the minimum SAP standards are not eligible for financial aid, unless they have been granted a WARNING, APPROVED APPEAL, or PROBATION status as described below. **The Financial Aid SAP policy should not be confused with academic PROBATION or GOOD STANDING.** Failure to maintain SAP will result in the loss of all federal and state aid, including:

- Federal Pell Grant
- Federal Supplemental Education Opportunity Grant (SEOG)
- Federal TEACH Grant
- Iraq and Afghanistan Service Grant
- Federal Work-Study Program
- Federal Direct Subsidized Loan
- Federal Direct Unsubsidized Loan
- Federal Direct PLUS Loan (for parents and graduate students)
- State of Georgia Financial Aid Programs, including the Georgia HOPE Scholarship Programs
- Other Grant and/or Scholarship programs which require Satisfactory Academic Progress verification

Components of SAP

ASU's definition of satisfactory academic progress for receiving financial aid includes the following:

1. **Grade Point Average (Qualitative Measure)**
   Students are required to maintain a minimum 2.0 undergraduate / 3.0 graduate cumulative **Financial Aid** GPA. **All attempted hours at Albany State University, including learning support after 30 hours and repeat courses, as well as most transfer hours, regardless of whether or not you received financial aid for those terms of enrollment, are included in SAP evaluation** (exclusions: transfer courses accepted as "NO CREDIT). Grades that are not associated with quality points cannot be used to calculate the GPA. They do, however, count as attempted hours.

2. **PACE (Quantitative Measure)**
   Completion Ratio -- Students must successfully complete a minimum of 67% (**NO** rounding) of the cumulative credit hours attempted (cumulative earned hours versus cumulative attempted hours). Grades of F, W, WF, U, I, and NR do not indicate successfully completed courses. They will be counted as attempted, but not earned hours.

3. **Maximum Time Frame**
   Students are allowed to receive financial aid for up to 150% of the hours required for their degree program. Example: If a bachelor program requires 120 credit hours, a student may attempt a maximum of 180 hours (120 x 1.5=180) before becoming ineligible for financial aid. Please see the chart below for more detailed information.

Program	Maximum Attempted Hours Allowed[1]
First Associate's Degree	90 semester hours or 150% of required hours (maximum hours will be adjusted for programs greater than 60 hours)[2]
Second Associate's Degree	153 maximum semester hours or 150% of required hours allowed for first associate's degree**[2]
First Bachelor's Degree	180 semester hours or 150% of required hours (maximum hours will be adjusted for programs greater than 120 hours)[2]
First Master's Degree	45 semester hours (maximum hours will be adjusted for programs greater than 30 hours)
Bachelor - Double Major	Determined based on program requirements as requested, contact the Office of Financial Aid for more information.

[1] *The Maximum Length of Study does **not extend beyond the completion of coursework for a degree program***

[2] *Students who were enrolled at both institutions (Darton State College and ASU) at the time of the consolidation will have a separate Satisfactory Academic Progress Policy in an attempt to mitigate effects of the consolidation.*

After First Bachelor Degree is Earned[2]	Maximum Attempted Hours Allowed (includes all attempted hours)[1]
Second Bachelor's Degree	270 semester hours
Second Master's Degree	75 semester hours

[1] *The Maximum Length of Study does **not extend beyond the completion of coursework for a degree program***

[2] *No hours for additional programs beyond the second degree*

(Please note: financial aid can only apply toward those courses required for the program even though all courses are counted in SAP.)

Eligible Coursework Requirement

Federal regulations require that financial aid funds can only be used to pay for coursework that is required toward the completion of the official degree on record in the Office of the Registrar at the time of taking the coursework. A student is expected to know and understand his/her degree requirements and work with an academic advisor to ensure that courses will meet degree requirements. If it is determined that a student takes coursework that does not meet his/her degree requirements, the student is required to repay all or a portion of the financial aid received. Repayment amounts will depend on how the ineligible coursework affected the financial aid award.

Changing Majors

Students who change majors during the academic year are strongly encouraged not to withdraw from any classes as they still must successfully complete a minimum 67% of the hours attempted at ASU, **including all hours accepted in as transferable credit.** Students who change majors or degree programs are at risk of exceeding eligibility limits before obtaining a degree. Students who decide to change majors or degree programs should do so early in their academic career so as not to jeopardize future eligibility for student financial aid at the University. **Major changes are not considered mitigating circumstances for financial aid appeal purposes.**

Remediation / Learning Support Enrollment

Students cannot receive financial aid for more than 30 semester hours of remedial coursework (Learning Support and Regents courses). If these courses must be taken beyond 30 semester hours, students must enroll at their own expense.

Repeated Courses

All repeated courses and grades will be included in SAP calculations. Students may only receive Title IV financial aid for one repeat of a previously passed course.

Students who wish to retake a previously passed course in their final term of enrollment for their program should contact the Office of Financial Aid to determine how this may affect their awards.

Completed Program of Study But No Degree Earned

A student who completes the academic requirements for a program, but does not yet have a conferred degree, is not eligible for further Title IV financial aid for that program. Adding an additional major, minor, or concentration will not permit the student to extend the length of a degree and eligibility for financial aid funding.

The Office of the Registrar, after approving the audit, will determine if the student has completed all course requirements for the degree. This includes courses for double majors or minors. After your audit for degree has been completed, you will be identified as a potential graduate. If you fail to meet graduate requirements, you may no longer be eligible to receive financial aid funds.

Students who are not eligible to receive financial aid funding through the Office of Financial Aid for the next semester of enrollment will have to pay out of pocket with an alternative funding source.

Study Abroad/Student Exchange Programs/Consortium Courses

Hours enrolled in Study Abroad, Student Exchange or Consortium courses are counted as attempted hours when applying SAP standards. **These grades do not count as successfully completed hours until a transcript is received by the Office of Admissions and grades are entered on the student's academic transcript.** Students should contact OFA once Study Abroad, Student Exchange or Consortium grades are entered so OFA can determine if the student now meets the 67% Pace of Completion for SAP.

Excessive Elective Courses

Students found to be enrolling in an excessive number of elective courses may have their financial aid revoked as these do not contribute to making satisfactory progress toward earning a degree.

Academic Renewal

University approval of Academic Renewal **does not** supersede SAP requirements. All attempted hours will continue to be included in SAP determination.

SAP Determination

All new, first-time freshmen students are considered to meeting SAP during their initial term of enrollment at ASU. All transfer student SAP calculations will be determined using transfer hours accepted by ASU for credit. SAP will subsequently be calculated after grades are posted at the end of each semester.

Warning Status

Students who are not meeting SAP qualitatively (2.0 undergraduate or 3.0 graduate cumulative GPA) and/or quantitatively (67% completion) are allowed to receive financial aid for one term with a status of WARNING. **Students are notified by email when they are placed in a WARNING status and no appeal is necessary to receive aid for this status.** Students must meet the SAP requirements at the end of their next term of enrollment or lose financial aid eligibility. Students may only be placed on Warning if they were meeting the SAP standards for the immediate preceding term. Students will only be allowed one warning per academic year.

Financial Aid Suspension

Financial Aid suspension occurs when students have failed to maintain satisfactory academic progress. When financial aid is suspended, students are no longer eligible for aid until they are meeting the terms of academic progress for financial aid both qualitatively and quantitatively, or have an approved financial aid appeal. **Students on financial aid suspension are ineligible for aid. Therefore, it is the student's responsibility to pay all tuition and fees by the payment deadline to prevent cancellation of registration.**

SAP Appeals

Students who lose their financial aid eligibility may appeal based on mitigating circumstances. Mitigating circumstances are defined as unanticipated and unavoidable events or situations beyond a student's control that prevented him or her from successfully completing courses or meeting the terms of a prior appeal. Examples of **acceptable** mitigating circumstances could include (but are not limited to) serious accident or illness of the student, serious illness or death of immediate family member (parents, grandparents, siblings, spouse, children), and/or unexpected financial obligations, etc. Examples of **unacceptable** mitigating circumstances include (but are not limited to) withdrawal to avoid a failing grade, too many courses attempted, voluntary change of major, limited number of tests/assignments, disagreement with instructor, voluntary change in work hours, being out of school for number of years, and/or incarceration. The Office of Financial Aid realizes that students may not be able to continue their education without financial assistance; however, this is not a reason that will be considered for an appeal. Approval of all appeals is determined on a case-by-case basis and is not guaranteed.

SAP Appeal Process

- Download or view the Satisfactory Academic Progress Appeal Process instructions on the Financial Aid page of the ASU website. You will be required to provide a detailed explanation of mitigating circumstances, supporting documentation, and a statement explaining what has changed that will allow you to be successful.
- Submit all appropriate documentation by the deadline for the following term of enrollment. *(NOTE: Appeals submitted after the*

deadline will be accepted but may not be reviewed before the fee payment deadline. Meeting this deadline does not guarantee that funds will be available, only that a decision will be made by the fee payment deadline.) Appeals will not be approved without sufficient supporting documentation. **Incomplete appeals may result in automatic denial.**

- First appeals will be reviewed by the SAP Appeals Committee.
- Subsequent appeals will be reviewed by the Director of Financial Aid and may require a meeting with the student at the Director's discretion. The Director's decision is final and may not be appealed.
- Notification of the appeal decision and conditions of any approval will be sent by mail and/or email to your ASU email account.
- If assigned an academic plan and the conditions of that plan are not met, the appeal will be rescinded and financial aid eligibility will be immediately suspended. Students will be notified by mail and/or email.
- Students whose appeals are denied or rescinded will be required to pay tuition/fees in full by the next published fee payment deadline.
- Appeal approval is determined on a case-by-case basis and is not guaranteed.

Probation Status

Students who lose financial aid eligibility, but have an approved SAP appeal are placed on financial aid PROBATION. Students in this status may continue to receive aid for one semester or for the amount of time designated in the aid academic plan outlined in the appeal approval. Students on financial aid PROBATION will have their progress checked at the end of each semester. Failure to meet any part of the academic plan will result in the appeal being rescinded and the immediate loss of financial aid eligibility. **It is important to note** that all stipulations and requirements of an OSFA approved **academic plan** are final and are not subject to further consideration by the University's Satisfactory Academic Progress Appeals Committee.

Student Financial Counseling May Be Required

Students who previously received Federal Direct Student Loans or previously failed to maintain SAP may also be required to complete additional financial counseling before eligibility for student financial aid can be re-established.

Regaining Student Financial Aid Eligibility

A student may be awarded Federal Pell Grants, Federal Supplemental Educational Opportunity Grants (FSEOG), Federal Direct Loans and state financial aid (HOPE Scholarship, Zell Miller Scholarship, etc.) for the semester **in which the student is now making SAP or the semester for which a SAP appeal and/or an academic plan has been approved.**

All other rules and regulations governing federal and state student financial aid programs still apply.

Return of Title IV Funds

Students who receive financial aid are subject to the Repayment/Return of Funds Policy. Students who withdraw, drop classes or complete zero credits for the period of enrollment for which they have been charged tuition and received financial aid may have to repay a portion of the grants and/or loans they received, as well as any tuition Albany State University returns to financial aid programs as a result of withdrawal. ***This policy does not apply to work study earnings received.*** If it is determined, at any point, that a student never attended a course/courses in a semester where financial aid was received, a repayment of all funds received will be required. Students who remain enrolled greater than 60% of the payment period are considered to have earned 100% of the aid received and will not owe a repayment of financial aid. If a student completes at least one course they will be subject to the ***2018-2019 Satisfactory Academic Progress Policy***, rather than the Repayment/Return of Funds Policy. Please note that the Financial Aid Repayment/Return of Funds Policy and Albany State University's tuition refund policy are separate. The financial aid "return of funds" policy described below has been established by the U.S. Department of Education and must be followed for all aid recipients.

Determining Date of Withdrawal/Last Date of Attendance

The date of withdrawal used to determine whether or not a student owes a repayment of financial aid funds, and the amount of repayment, is determined as follows:

- The date the student began the institution's withdrawal process or ***officially*** notified the institution in writing of intent to withdraw. Withdrawals are considered official when a student completes and submits an add/drop form to the Office of the Registrar prior to withdrawal deadlines for the semester.

OR, if a student did not withdraw or notify the institution of the intent to withdraw (*unofficial withdrawal*), the last date of attendance is determined as follows:

- The latest date of attendance posted by the faculty member(s) will be used if that date is past the 50% point of the semester. If the latest date is not past the 50% point of the semester, and multiple dates are reported, the latest date of attendance posted by the faculty member(s) will be used as the last date of attendance.

For assistance with withdrawing from all or some of your courses for a semester, please contact the ASU Office of the Registrar at 229-500-4358.

Funds are returned to the following sources in order of priority, as established by Congress

1. Unsubsidized Direct Loans
2. Subsidized Direct Loans
3. Direct PLUS Loans (parent or graduate)
4. Federal Pell Grants
5. Federal Supplemental Educational Opportunit (FSEOG)
6. Federal Teach Grant

Determining Repayment Amount

There are six basic steps in the formula for calculating the amount of funds that must be returned to the financial aid programs:

1. Determine date of withdrawal/last date of attendance and percentage of payment period attended by the student
2. Calculate the amount of financial aid ***earned*** by the student
3. Compare amount earned and amounts disbursed/could have been disbursed to determine amount *unearned*
4. If amount earned is greater than amount disbursed, determine late/post-withdrawal disbursement amount
5. If amount earned is less than amount disbursed, determine amount of financial aid that must be returned
6. Calculate portion of funds to be returned by the institution and/or student

Both Albany State University and the student have specific responsibilities under this policy. Students who owe a repayment due to the Financial Aid Repayment/Return of Funds Policy must pay that obligation/debt before regaining eligibility for additional assistance.

Students may be unable to register for future semesters or receive copies of official transcripts until the obligation/debt is satisfied.

Fraud or Suspected Fraud

There are situations where students and/or parents willfully falsify or misrepresent information for the purpose of obtaining financial aid that a student is not eligible for. As administrators of Title IV programs and funds, Albany State University is obligated to ensure processes are in place to protect against fraud by applicants or staff. The Office of Financial Aid is required to have a policy of referral when confronted with actual or suspected cases of fraud and abuse [34 CFR 668.53(a)(5), 668.14(g)].

Policy for Fraud

Individuals (students and/or parents) who willfully submit fraudulent information and/or documentation to obtain financial aid funds will be investigated to the fullest extent possible. All cases of fraud and abuse will be reported to the proper authorities.

Procedures for Fraud

If a financial aid officer suspects or determines intentional misrepresentation of facts, false statements, or alteration of documents which resulted or could result in the awarding or disbursement of funds for which the student is not eligible, the information shall be reported to the Executive Director of Student Financial Services for further review and possible referral for disciplinary action. If the Director or Compliance Officer determines or suspects fraud, all allegations will be forwarded to the Office of Inspector General of the Department of Education, and/or the local law enforcement agency(ies).

The Office of Financial Aid must identify and resolve discrepancies in the information received from different sources with respect to a student's application for Title IV aid. These items include, but are not limited to:

- Student aid applications
- Need analysis documents (e.g., Institutional Student Information Records (ISIRs) and Student Aid Reports (SARs))
- Federal income tax returns, tax transcripts or account transcripts
- Documents and information related to a student's citizenship
- School credentials (e.g., high school diploma)
- Documentation of the student's Social Security Number (SSN)
- Compliance with the Selective Service registration requirement and other factors related to students' eligibility for Title IV funds

Some forms of financial aid fraud include, but are not limited to, the following:

- Forged signatures on an application, verification documentation or master promissory notes
- Falsified documents - including reporting members that are not part of your household
- False statements of income
- False statements of marital status
- False statements of citizenship
- Use of fictitious names, addresses, SSNs
- False claims of independent status
- Knowingly filing taxes using the incorrect tax filing status
- Using family members other than biological parents as applicants on the FAFSA or for a Parent PLUS Loan

Please Note: The regulations require that the University refer the suspected case for investigation to the Office of Inspector General of the Department of Education. The University also reserves the right to deny any further financial aid if fraud is suspected.

Cases of fraud (suspected or proven) will be reported to the Office of Inspector General (OIG). Cases of tax fraud (suspected or proven) will also be reported to the Internal Revenue Service (IRS).

Financial Information

- Fee Payment Policy (p. 21)
- Fees (p. 21)
- Refund Policies (p. 22)
- Withdrawal (p. 22)
- Military Service Refund (p. 22)

Fee Payment Policy

All fees are payable by the registration deadline published for each semester. Payments may be made in cash or by check payable in U.S. currency and drawn on a financial institution located in the State of Georgia. Albany State reserves the right to determine the acceptability of checks, and all checks not drawn as above will be returned to the remitter. Money orders, certified checks, traveler's checks, MasterCard, Visa , American Express, Discover and personal checks will be accepted, provided that the check is presented with acceptable identification. If a check given in payment of a student's fees, books or supplies is not paid when presented to the bank or financial institution upon which it is drawn, the student will be charged a return check fee of $30 or five percent (5%) of the face amount of the check, whichever is greater. Any person who submits an "insufficient funds" or "no account" check may not only be suspended from the University but may also face legal prosecution. No transmittal of credits in any form will be made by the University or its personnel for a student with outstanding financial obligations to the University.

The University reserves the right to change without previous notice its fees, charges, rules and regulations at the beginning of each semester; however, this right is exercised cautiously and reluctantly.

Fees

Graduate Student Fees

Item	Fee
Matriculation (Fewer than 9 hours per semester credit hour)	$191.00 per hour
Online tuition per credit hour	$300.00
Non-Resident Tuition (Fewer than 9 hours per semester credit hour)	$762.00 per hour

Fees and Expenses Beyond Matriculation Fees

Item	Fee
Parking (Motor Vehicle) Fee	$15.00
Graduation Fee	$75.00

Transcript Fee	$5.00
Student Activity Fee	$85.00 (Prorated at 5 or less credit hours)
Student Athletic Fee	$170.00 (Prorated at 5 or less credit hours)
Health Service Fee	$50.00 (Prorated at 5 or less credit hours)
Special Institutional Fee	$225.00
Student Center Facility Fee	$280.00
Technology Fee	$65.00
Fieldwork Supervision Fee (College of Professional Studies)	$150.00
Access Card Fee	$10.00
Late Registration Penalty Fee	$50.00
Returned Check Fee	$30.00
Transportation Fee	$50.00

Acceptable methods of payment are as follow:

- Web Check/Electronic Check via the Banner student account.
- Web Credit Card via the Banner student account. (MasterCard, American Express, Visa and Discover)
  Acceptable methods of payment are as follow:

All fees and charges are payable at the time of registration. Remittance should be made payable to Albany State University and addressed as follows:

Albany State University (ASU)
Attn: Business Office
2400 Gillionville Road
Albany, Georgia 31707

- Cash, Check or Money Order in person at the following locations:
  - Rams Central on West (Student Center Building C)
  - International Wire Transfer via the Banner student account or via FlyWire for most countries with no service charge for international students and others.

Please include the name and Ram ID number of the student for whom payment is intended when fees are sent by mail.

Refund Policies

In accordance with BOR policy 7.3.5.1 (Students Withdrawing from an Institution), ***"The refund amount for students withdrawing from an institution shall be based on a pro rata percentage determined by dividing the number of calendar days in the semester that the student completed by the total calendar days in the semester. The total calendar days in a semester includes weekends, but excludes scheduled breaks of five (5) or more days and days that a student was on an approved leave of absence.***

The unearned portion shall be refunded up to the point in time that the amount earned equals sixty percent (60%). Students who withdraw from the institution when the calculated percentage of completion is greater than 60% are not entitled to a refund of any portion of institutional charges."

In accordance with BOR policy 7.3.5.2 (Death of a Student)**, *"A refund of all nonresident fees, matriculation fees, and other mandatory fees shall be made in the event of the death of a student at any time during the academic session (BoR Minutes, 1979-80, p. 61; 1986-87, pp. 24-25; 1995, p. 246)."***

Refunds and Disbursement of Financial Aid Award Balances

Refunds and/or financial aid in excess of the charges for a semester will be refunded via Touchnet. There are three options available for receiving refund disbursements.

1. Funds placed on the Discover debit card via e-Refunds Touchnet.
2. Direct deposit into a personal checking account with an outside financial institution.
3. If student does not sign up for the card or provide banking information, Touchnet will send a check to the student.

To receive a refund for the current semester, the following requirements must be satisfied:

- You must be enrolled in classes for this semester.
- All tuition, fees and any fines must be paid on your account.
- A credit balance must remain after all tuition, fees and fines have been paid.

Withdrawal

The refund percentage that a student receives is a calculation of the time remaining in the semester up through 60% of the semester. Once 60% of the semester has expired, there is no refund for a withdrawal from the institution. The refund calculation is based on days enrolled in the semester divided by the number of calendar days in the semester excluding weekends breaks of five (5) or more consecutive days.

A refund of all nonresident fees, matriculation fees, and other mandatory fees shall be made in the event of the death of a student at any time during the academic session (BOR Minutes, 1979-80, p. 61; 1986-87. pp. 24-25; 1995, p. 246).

Military Service Refund

Subject to institutional policies, full refunds of tuition and mandatory fees and pro rata refunds of elective fees are hereby authorized for students who are:

1. Military reservists (including members of the National Guard) who, after having enrolled in a USG institution and paid tuition and fees, receive orders to active duty or are reassigned for temporary duty or mandatory training that prevents completion of the term; (BOR Minutes, June 2011)
2. Commissioned officers of the United States Public Health Service Commissioned Corps (PHSCC) who receive deployment orders in response to a public health crisis or national emergency after having enrolled in a USG institution and paid tuition and fees; (BOR Minutes, February 2010)
3. Active duty military personnel who, after having enrolled in a USG institution and paid fees, receive reassignment or a temporary duty assignment or a training assignment that would prevent completion of the term; (BOR Minutes, June 2011) or,
4. Otherwise unusually and detrimentally affected by the activation of members of the reserve components or the deployment of active duty

personnel of the Armed Forces of the United States who demonstrate a need for exceptional equitable relief. (BOR Minutes, June 2011)

Note: Refunds are not made for a reduction in class load after the first day of classes.

Academic Policies

- Residence Classification (p. 23)
- Readmission Following Scholarship Termination (p. 23)
- Graduation Requirements (p. 23)
- Planned Degree Programs of Study (p. 23)
- Academic Standards (p. 23)
- Grading System (p. 23)
- Withdrawal from the University (p. 25)
- Scholastic Warning (p. 25)
- Scholastic Termination (p. 25)
- Academic Advisement (p. 26)
- Legal Residency Requirements (p. 26)

Residence Classification

Residence status is not changed automatically, and the burden of proof rests with the student to provide documentation that he or she qualifies as a legal resident under the regulations of the Board of Regents of the University System of Georgia. To ensure timely completion of required processing, a student/applicant requesting a change in residence classification for a specific semester should file the "Petition for Georgia Residence Classification" and all supporting documentation no later than three weeks (20 working days) prior to registration. Decisions prior to registration cannot be guaranteed when petitions and all supporting documentation are received after the specified deadline.

If the petition is denied and the student wishes to petition for a later semester, a new Petition for Georgia Residence Classification must be submitted for that semester.

A petition to be reclassified as a resident of Georgia can be obtained from the Office of the Registrar. Supporting documents and petition should be returned by June 1 for Fall Semester, November 1 for Spring Semester and April 1 for Summer Semester.

Readmission Following Scholarship Termination

A graduate student who is excluded from the institution for academic reasons may petition to be reinstated. A student who petitions to be reinstated must have been out of the institution for at least twelve months. A petition to be reinstated must be approved by the Appeals Committee of the Graduate Council and the Dean of the Graduate School. Any graduate student who has been excluded twice for scholastic reasons will not be readmitted to the Graduate School.

Graduation Requirements

Although each Master's degree program has specific academic requirements, several requirements are common to all degree programs.

The general academic requirements for the Master's degree are:

1. Admission to regular degree standing in a specific Master's degree program must be granted.
2. A minimum of 30 semester hours in a prescribed curriculum must be completed with an overall grade point average of at least 3.0.
3. All coursework applicable towards the degree must be completed within six years of the date of graduation.
4. Transfer credits must be approved by the student's graduate program upon enrollment or before the course is taken.
5. A comprehensive examination, portfolio, capstone project, or thesis must be successfully completed. Requirements may differ according to program of study.
6. Applications for graduation must be submitted at least one semester prior to the anticipated semester of graduation.

Planned Degree Programs of Study

Within the first nine semester hours of study, students are required to create a program of study (graduation plan) in DegreeWorks. The student's advisor will review the graduation plan each semester and recommend revision when needed. All changes are documented in DegreeWorks.

Academic Standards

Albany State University's Graduate School is committed to offering high quality graduate programs. Graduate students are required to maintain a minimum 3.0 grade point average. No grade below C (2.0) will be accepted as part of a program of study for a graduate degree. For this reason, caution is exercised in retaining any student whose grades fall below acceptable academic standards. When a graduate course is repeated, the last grade received will be used in calculating the cumulative graduate average that is used for probation, dismissal, admission to candidacy, and graduation. All grades received for graduate courses taken at Albany State University will be used in the calculation of the cumulative grade point average.

Grading System

Final grades are submitted to the Office of the Registrar at the end of the semester, and these are made a part of a student's permanent record.

The following letters denote the official grades with the meaning and their equivalent quality points:

Grade	Meaning
A	EXCELLENT: Four quality points are allowed for each semester credit hour.
B	GOOD: Three quality points are allowed for each semester credit hour.
C	SATISFACTORY: Two quality points are allowed for each semester credit hour.
D	LOWEST PASSING GRADE: One quality point is allowed for each semester credit hour.

F	FAILURE: This mark indicates poor scholastic work or failure to officially withdraw from the course. In such cases, students must take the required courses at the next opportunity. Students may repeat an elective course if desired. No quality points are allowed.
FA	Unearned F - FAILURE: This mark indicates incomplete scholastic work due to non-attendance or failed to officially withdraw from the course. No quality points are allowed.
I	This symbol indicates that a student has completed the major portion of the requirements for a given course, but for reasons beyond expected control, such as illness or family emergency, could not complete the course requirements. An "I" must be removed prior to the last day of class of the next semester of enrollment (including Summer) or within twelve months, whichever comes first. The "I" may be changed by completing the incomplete work as prescribed by the instructor. A Grade of "I" which is not satisfactorily removed will be changed to the grade of "F" by the Registrar and will be computed in the grade point average. To remove an "Incomplete", the student must secure a permit from the Office of the Registrar and submit it to the instructor. The instructor will execute a Request to Remove an Incomplete form and submit it to the Office of the Vice President of Academic Affairs for approval.
IP	The "IP" symbol indicates that credit has not been given in courses that require a continuation of work beyond the semester for which the student signed up for the course. The use of this symbol is approved for dissertation and thesis hours and project courses. Students may enroll in and take courses in which the "IP" symbol is awarded for up to three successive terms. With the exception of Learning Support courses, this symbol cannot be used for other courses. If the student has not completed the course(s) after successive terms, the student must request and be granted approval to re-enroll in the course(s) by the Department Chair, Dean and Vice President for Academic Affairs. This symbol cannot be substituted for an "I" (incomplete).
W	This symbol indicates that a student was permitted to withdraw without penalty. Withdrawals without penalty will not be permitted after the midpoint of the total grading period.
WF	This symbol indicates withdrawal with penalty.
S	This symbol indicates that credit has been given for completion of the degree requirements for work other than academic course work. Use of this symbol is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, proficiency requirements in graduate programs courses. Exceptions to the use of this symbol for academic course work must be submitted to the Chancellor for approval and requested by the Vice President for Academic Affairs.
U	This symbol indicates unsatisfactory performance in a student's attempt to complete degree requirements other than academic course work. The use of this symbol is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, and proficiency requirements in graduate programs. Exceptions to the use of this symbol for academic course work must be submitted to the Chancellor for approval by the Vice President of Academic Affairs.

V	This symbol indicates that a student was given permission to audit a course. The student may not transfer from audit to credit status or vice versa during the semester.
K	This symbol indicates that a student was given credit for a course via credit by examination program and requires approval (CLEP, AP, Proficiency, etc.).
NR	This symbol indicates no grade reported by the instructor, and is designed for temporary use.

Incomplete, "I" grades are not calculated in the grade point average until the 'I' is removed.

Withdrawal from the University

Students who find it necessary to withdraw from Albany State University, after having completed registration, must submit a Semester Withdrawal or Course Withdrawal form.

Semester Withdrawal

A 'Semester Withdrawal' is a request by a student to drop all classes and/or cease attendance in all classes for the Term. Failure to attend class is not equivalent to a withdrawal and students will not receive an adjustment of charges or grades unless a formal withdrawal is filed with the Office of the Registrar and approved prior to midterms.

1. If a request for Semester Withdrawal is submitted to the Office of the Registrar **prior** to the end of the Add/Drop period, as defined by the Academic Calendar, all courses will be dropped from the student's schedule and charges reversed (if applicable).
2. If submitted after the Add/Drop period, the student is automatically assigned a grade of "W" to indicate course withdrawal. The "W" will not be calculated in the GPA.
3. A withdrawal for the semester may or may not include a refund, depending on when the withdrawal is submitted. In order to receive a full refund, or not receive charges for the term, this form **must** be submitted to the Office of Academic Services **prior** to the end of the Drop/Add Period.
4. Withdrawal from courses may affect housing, graduation, financial aid, membership in organizations or other opportunities.

Course Withdrawal

A 'Course Withdrawal' is a request by a student to cancel his or her enrollment in a particular CRN after the Add/Drop Period for the Term.

1. Withdrawal from a course will be allowed until one business day after mid-term examinations period. No Withdrawal from a course will be allowed after that point. Withdrawals must be approved by the advisor/department head/dean.
2. The student is automatically assigned a grade of "W" to indicate a course withdrawal. The "W" will not be calculated in the GPA. However, Albany State University policy allows a student to withdraw from a total of 16 hours with a 'W'. After 16 hours, all withdrawals are automatically given a grade of 'F'. Please review your academic transcript in Banner before withdrawing to determine if you will be affected by this policy.
3. A withdrawal for the course may or may not include a refund, depending on when the withdrawal is requested.
4. Withdrawals from courses may affect housing, graduation, athletics, financial aid, and membership in organizations or other opportunities.
5. It is the student's responsibility to check BannerWeb and confirm the status of the request. The student should retain a copy of the form for personal records.

Scholastic Warning

A graduate student with regular status whose cumulative grade point average falls below 3.00 or who fails to maintain the level of academic performance required by their degree program will be placed on scholastic warning. Failure to achieve a 3.0 cumulative grade point average or meet the requirements of the degree program by the end of the next nine semester hours of enrollment will result in scholastic termination.

Scholastic Termination

Students may be dismissed by their department at the end of any semester if they have not made sufficient academic progress or maintained the professional dispositions as defined in accreditation, ethical, or professional standards of practice to warrant continuance of study. Termination of students will follow policies and procedures adopted by the department and reported to the Graduate School. The department must immediately notify the Graduate School of a dismissal. The student will be prevented from enrollment in future terms.

Dismissal by an academic department may be appealed to the dean of the Graduate School after all avenues of appeal have been exhausted at the departmental level. This should be completed within 30 calendar days of the decision resulting from an appeal to the department. When students are terminated by a department, but not simultaneously by the Graduate School, they may apply for admission to another graduate program; however, they may not apply for admission to the same department from which they were dismissed.

A graduate student is subject to scholastic termination for the following reasons:

1. Failure to achieve a 3.0 cumulative grade point average by the end of the next nine semester hours of enrollment following scholastic warning.
2. Failure to maintain other academic performance standards required by the department offering the degree program of study.
3. Failure to maintain the professional dispositions required by the degree program offering the program of study.
4. Third failure on the comprehensive examination.
5. Cheating and/or plagiarism.

Students with a cumulative grade point average below 3.0 in graduate courses for two consecutive terms are placed on academic probation by the Graduate School. They then must make a 3.0 or higher semester grade point average in graduate courses each succeeding semester that their overall cumulative grade point average in graduate courses is below 3.0. These students' probation ends when their cumulative graduate average is 3.0 or above. If, while on probation, a student's semester grade point average in graduate courses is below 3.0, the student is dismissed.

When students repeat a graduate course, the last grade will be utilized to calculate the cumulative graduate average that is used for probation,

dismissal, admission to candidacy and graduation. Grades of S, U, I, and V will not be used in calculating the cumulative graduate average. However, when a grade of I converts to F, this may result in an action of probation or dismissal for the semester in which the conversion takes place, even if the student is not registered for the semester in which it converted. When students are dismissed under the terms of this policy, they may not apply for admission to another graduate program offered by the University.

Students who are dismissed by the Graduate School for academic reasons may appeal the dismissal to the dean of the Graduate School. The appeal must be submitted to the dean within 30 calendar days following receipt of notice of dismissal. Information concerning the appeal process may be obtained in the Graduate School.

Academic Advisement

An academic advisor is assigned to each student at the time of acceptance into Albany State University's Graduate School. Students are expected to confer with their advisors on a regular basis. Each student is provided access to DegreeWorks, ASU's course planning system. Students are encouraged to access DegreeWorks and develop their plan of study. This plan should be reviewed with your advisor during advisement and updated at each subsequent advising session.

Legal Residency Requirements

Legal residents of Georgia, as well as certain categories of nonresidents, may be enrolled upon payment of resident fees in accordance with the following Regents' rules:

1. If a person is 18 years or older, he or she may register as a resident student only upon showing that he or she has been a legal resident of Georgia for a period of at least 12 months immediately before the date of registration. (b) No emancipated minor or person 18 years of age or older shall be deemed to have gained or acquired in-state residence status for fee purposes while attending any educational institution in this state, in the absence of a clear demonstration that he or she has in fact established legal residence in this state.
2. If a person is under 18 years of age, he or she may register as a resident student only upon showing that his or her supporting parent or guardian has been a legal resident of Georgia for a period of at least 12 months immediately preceding the date of registration.
3. If a parent or legal guardian of a minor changes his or her legal residence to another state following a period of legal residence in Georgia, the minor may continue to take courses for a period of 12 consecutive months on the payment of in-state tuition. After the expiration of the twelve-month period, the student may continue his or her registration only upon the payment of fees at the out-of-state rate.
4. In the event that a legal resident of Georgia is appointed as guardian of a nonresident minor, such minor will not be permitted to register as an in-state student until the expiration of one year from the date of court appointment and then only upon a proper showing that such appointment was not made to avoid payment of the out-of-state fees.
5. Aliens shall be classified as nonresident students; provided, however, that an alien who is living in this country under an immigration document permitting indefinite or permanent residence shall have the same privilege of qualifying for in-state tuition as a citizen of the United States.
6. Waivers: An institution may waive out-of-state tuition for:
    a. nonresident students who are financially dependent upon a parent, parents or spouse who has been a legal resident of Georgia for at least 12 consecutive months immediately preceding the date of registration; provided, however, that such financial dependence shall have existed for at least 12 consecutive months immediately preceding the date of registration;
    b. international students, selected by the institutional president or his or her authorized representative, provided that the number of such waivers in effect does not exceed one percent of the equivalent full-time students enrolled at the institution in the fall semester immediately preceding the semester for which the out-of-state tuition is to be waived;
    c. full-time employees of the University System, their spouses and their dependent children;
    d. medical and dental residents and medical and dental interns at Augusta University-Medical College of Georgia.
    e. military personnel and their dependents stationed in Georgia and on active duty unless such military personnel are assigned as students to system institutions for educational purposes.
    f. full-time teachers in the public schools of Georgia or in the programs of the State Board of Technical and Adult Education and their dependent children. Teachers employed full-time on military bases in Georgia shall also qualify for this waiver;
    g. career consular officers and their dependents who are citizens of the foreign nation which their consular officer represents, and who are stationed and living in Georgia under orders of their respective governments. This waiver shall apply only to those consular officers whose nations operate on the principle of educational reciprocity with the United States;
    h. selected graduate students at university-level institutions.
    i. students who are legal residents of out-of-state counties bordering on Georgia counties in which an institution of the University System is located and who are enrolled in said institution.

A student who is classified as a resident of Georgia must notify the Office of the Registrar immediately of any change in residence status. If it is determined that the student has misrepresented or omitted facts which result in classification or reclassification as a resident student, retroactive charges for non-resident fees will be made by the Fiscal Affairs officer.

PLEASE NOTE: In order to avoid delay and inconvenience upon arrival for registration, prospective students should seek clarification of all questions concerning residence status at the time of admission. Questions for clarification should be addressed to

The Office of the Registrar
Albany State University
Albany, Georgia 31707

General Policies

- Attendance Policy (p. 27)
- Cheating and Plagiarism (p. 27)
- Summative Learning Assessment (p. 27)
- Correspondence Credit (p. 27)
- Credit Load (p. 27)
- Degree or Transcript Issuance (p. 28)
- Directed or Individual Study Credit Limits (p. 28)

- Disruptive and Obstructive Behavior (p. 28)
- Family Educational Rights and Privacy Act (p. 28)
- Grades (p. 28)
- Residence Requirements (p. 28)
- Student Services (p. 28)

Attendance Policy

Student Class Attendance

Students are expected to attend all of their scheduled classes, laboratories, or clinic sessions when reasonably possible. Some justified and unavoidable absences are expected. Absences in excess of 10% of the sessions scheduled may reduce the grade for the course. A student is expected to account for absences, preferably in advance, to the instructor of the course and, at the discretion of the instructor, to promptly make up the work missed. Students who miss classes while serving as jurors will not be penalized for such absences but will be required to make up classwork missed as a result of jury service. Albany State University has implemented a No Show/Faculty Withdrawal Policy.

The policy states the following:

1. During the two-week period immediately following the first day of class, each faculty member notifies the Office of the Registrar of those students on the class roster who have never attended class or actively participated in their online course. The students will be dropped and the course will not appear on the students' permanent academic records.
2. Up until midterm or "last day to drop without academic penalty," the faculty member may withdraw any student who has ceased to attend/participate actively in a class, and the student will receive a grade of "W" on their academic record.
3. After midterm or "last day to drop without academic penalty," faculty can continue to withdraw any student who has ceased to attend/participate actively in a class; however, the student will receive a grade of "WF" on their academic record.
4. The Office of the Registrar notifies students of faculty/withdrawal actions; the Financial Aid Office is also notified. The student is responsible for understanding a withdrawal or faculty withdrawal may result in loss of financial aid and that failing to properly withdraw from a course may result in receiving a failing grade of "F" for the course.

Online Attendance

Attendance in online classes is verified in terms of participation, time spent in a particular unit or other part of online courseware, time spent in chats and online discussion, quality and quantity of chat and online discussion content, quality and quantity of e-mail, quality and quantity of course work, test participation, and other considerations. Distance learning courses at Albany State University are instructor-led classes, not independent study or correspondence courses. Students are expected to engage actively in the course content, participate in student-teacher and student-student communications, and complete assignments and tests according to the requirements and schedule of the course instructor.

Failure to participate, communicate, or meet course requirements within the time frame required by the instructor may reduce the grade for the course or initiate faculty-withdrawal procedures as noted in the "Student Attendance Policy." Divisions or departments may have class attendance policies of a more specific nature within this general policy statement.

Each instructor shall provide detailed policies and procedures in writing to each student at the beginning of the course.

Cheating and Plagiarism

Cheating and plagiarism are non-academic grounds for expulsion from Albany State University. No student shall give or receive any assistance not authorized by the professor in the preparation of any assignment, report, project, or examination to be submitted as a requirement for academic credit.

Online courses at Albany State University utilize plagiarism software tools such as Turnitin as a positive instructional tool and to promote academic integrity.

Summative Learning Assessment

All students must successfully pass a summative learning assessment in order to earn a graduate degree. Departments may require that students successfully complete a summative learning assessment such as a comprehensive examination, comprehensive professional portfolio, capstone project, or thesis. Students

- must be registered during the semester in which the summative learning assessment is completed.
- are permitted 3 attempts to successfully pass their summative learning assessment.
- are encouraged to consult their advisers for guidance.

Summative learning assessments are administered once each semester.

Correspondence Credit

No credit earned through correspondence work will be applied to satisfy requirements for a graduate degree. Credit for distance learning courses taken over the Internet is evaluated on a course by course basis.

Credit Load

The full-time course load for a graduate student is 9 hours. A graduate student who wishes to overload (exceed 12 credit hours) must obtain the approval of the department chair and Dean of the Graduate School. In no case shall overloads exceed 16 graduate hours.

Credit Hour Definition

Section 3.4.1 of the University System of Georgia Policy Manual – often referred to as the "750 minute policy" which states: "All USG institutions shall be on the semester system (BOR Minutes, December, 1995). The academic year shall consist of two (2) regular semesters, each not to be less than fifteen (15) calendar weeks in length, excluding registration. A minimum of 750 minutes of instruction is required for each semester credit hour."

ASU expands this definition by stipulating not only the number of hours of instruction, but also by stipulating the number of hours (or equivalent) that students are required to devote to each course outside of class. By so doing, the University policy (below) explicitly aligns with both SACSCOC and federal policies on the awarding of credit hours:

For each credit hour, a student is to be engaged for 50-minutes of instruction time per week (or the equivalence of 750 minutes) over the entire semester of approximately 15 weeks through time in the classroom or direct faculty instruction, or on assignments, discussions, and/or

examinations, excluding the final, to meet the required learning outcomes and two hours of student work outside of class each week with course activities, as reflected in the course syllabus. The credit hour definition for courses or portions of a course designated for learning activities that involve experiences or take place outside of the classroom varies according to the course. Students in these courses are expected to perform these out-of-class activities including work-place observation, shadowing, technical training, supervised teaching, etc., for a specified period of time—number of weeks, days during the week, and hours per day. The ratio of credit hour to contact time will vary with the program involved, but are designated in the course syllabus (the hours for class and hours for lab/clinical/other). Academic credits assigned to these courses align with each program's accreditation standards and are determined by the number of out-of-class contact (work) hours the student is required to complete. The definition for a credit hour is the same for face to face or online courses.

Degree or Transcript Issuance

Transcripts of academic credits are available upon request to the Office of the Registrar. Students with no financial obligations to the University shall be issued a degree or transcript of academic credits.

Directed or Individual Study Credit Limits

Graduate students are permitted to include a maximum of nine semester credit hours of directed or individual study credits in a Master's degree planned program. Each such inclusion must be approved by the student's departmental chairperson and the academic advisor.

Disruptive and Obstructive Behavior

The Board of Regents of the University System of Georgia reaffirms its policies to support fully the freedom of expression by each member of the academic community and to preserve and protect the rights of freedom of its faculty members and students to engage in debate, discussion and peaceful and non-disruptive protest and dissent. The following statement does not change or in any way infringe upon the Board's existing policies and practices in support of freedom of expression and action. Rather, it is considered necessary to combat the ultimate effect of irresponsible, disruptive and obstructive actions by students and faculty, which destroy academic freedom and the institutional structures through which the University operates.

The Board of Regents stipulates that any student, faculty member, administrator or employee, acting individually or in concert with others, who clearly obstructs or disrupts, or attempts to obstruct or disrupt any teaching, research, administrative, disciplinary or public service activity, or any other activity authorized to be discharged or held on any campus of the University System of Georgia, is considered by the Board to have committed an act of gross irresponsibility and shall be subject to disciplinary procedures, possibly resulting in dismissal or termination of employment.

Family Educational Rights and Privacy Act

Albany State University is in compliance with the Family Educational Rights and Privacy Act of 1974, U.S. Public Law 93-380. This Act was designated to protect the privacy of educational records and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. For more information, please visit the U.S. Department of Education website at https://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html. Or, contact the Office of the Registrar.

Grades

Official course grades are transmitted to students by the University's Registrar.

Residence Requirements

According to the graduate program of study, the total number of semester hours needed to complete that graduate program, less the nine (9) allowable transfer semester hours, equals the minimum amount of semester hours that must be earned in coursework offered by Albany State University.

Student Services

Health Services

Albany State University Student Health Services provides episodic health care and health promotion services to students registered at the University. The services include assessments and treatment, follow-up and referrals. There is no overnight stay but minimum confinement for observation and referrals to physicians or local hospitals as indicated. The nursing staff provides health maintenance assistance via referral for students with chronic health conditions. Student Health Services medical staff includes a Director who is a Family Nurse Practitioner, a second Nurse Practitioner and a Consulting Physician.

A Student Health Fee is included in the registration fees and provides unlimited visits to Student Health Services while registered. Services are provided via appointment or walk-in. The health fee does not cover admission to hospitals or payment to drugstores for filling prescriptions. Any expenses incurred for treatment or care by the hospital or local physicians will be the financial responsibility of the student and his/her parents/guardians. Student medical insurance is strongly encouraged.

As part of the admissions process, Board of Regents Policy 4.8.2 (http://www.usg.edu/policymanual/section4/policy/4.8_immunizations) requires all new students wishing to enroll in a University System of Georgia college or university meet immunization requirements. A Certificate of Immunization must be completed and signed by the student's health care provider and returned to Student Health Services in order to complete the admissions process. In addition to the minimum immunization requirements established by the Board of Regents, the University System of Georgia colleges and universities may have additional requirements.

By providing quality healthcare, Albany State University Student Health Services enables students to achieve well-being and academic success.

Career Services

The overall mission of the Office of Career Services is to provide focused advisement to current students and alumni through ubiquitous resources, student-centered programming and events to increase employability to positively impact student success and career progression. Career Services strives to maintain an educational environment which enhances and supports the broader academic mission of Albany State University to connect its graduates with employers for those who register with the office. The staff seeks to provide graduate students and alumni with the following:

Professional services: career advisement, seminars and events to increase professional presence, on-campus recruitment, job fairs, jobs listings, professional resume development and critiques, referrals, and job search readiness workshops. Services are available on-campus and on-line by visiting/accessing the career services portals;

Experiential learning opportunities: shadowing and mentoring experiences, networking opportunities with majors/degree fields, internships, and action-based learning experiences.

The Office of Career Services develops on-going relationships with employers and community stakeholders, in the public and private sectors, for-profit and non-profit organizations, to increase the visibility of student potential allowing students and alumni to realize their career goals in their chosen disciplines.

Degree Programs

Albany State University Grants Master degrees in Education (M.Ed.), Nursing (M.S.), Public Administration (M.P.A.), Business Administration (M.B.A.), Criminal Justice (M.S.), and Social Work (M.S.W.). An Education Specialist degree (Ed.S.) in Educational Administration & Supervision is also available.

Online courses and/or programs are offered in several departments. Students should check with the program in which they are interested about online offerings.

- Master of Business Administration (p. 44)
- Master of Science in Criminal Justice (p. 41)
- Master of Education with a Major in Counselor Education (p. 36)
- Master of Education with a Major in Early Childhood Education (p. 73)
- Master of Education with a Major in Educational Leadership Tier I (p. 39)
- Master of Education with a Major in Middle Grades Education (p. 74)
- Master of Education with a Major in Secondary Education (http://catalog.asurams.edu/graduate/degree-programs/teacher-education/master-education-secondary-education)
- Master of Education with a Major in Special Education (p. 76)
- Master of Public Administration (p. 58)
- Master of Science in Nursing (p. 53)
- Master of Social Work (p. 63)
- Education Specialist with a Major in Educational Leadership Tier II (p. 40)

Counseling and Educational Leadership

Mission and Objectives

The Department of Counseling and Educational Leadership offers the Master of Education (M.Ed.) degree in Counseling or Educational Leadership and the Education Specialist (Ed.S.) degree in Educational Leadership. The Department of Counseling and Educational Leadership also offers the Teacher Leader Endorsement. The purpose of the M.Ed. degree program is to develop responsibility and leadership in educational systems. The program promotes critical thinking and creative reasoning skills in solving educational problems, a continual quest for knowledge and the ability to communicate effectively with students, parents, citizens and the community of educators. The program has the following objectives:

1. To prepare teachers and other school professionals to implement basic and applied research in education.
2. To promote the development of the essential observable competencies deemed significant for teachers and other school professionals.
3. To assure the acquisition of advanced knowledge in a field of concentration.
4. To provide a variety of experiences that enhance professional advancement opportunities for teachers and other school professionals.
5. To prepare students for further graduate study in the field of education.

- Counselor Education, Master of Education (p. 36)
- Educational Leadership Tier I, Master of Education (p. 39)
- Educational Leadership Tier II, Educational Specialist (p. 40)

- Counselor Education, Master of Education (p. 36)
- Educational Leadership Tier I, Master of Education (p. 39)
- Educational Leadership Tier II, Educational Specialist (p. 40)

COUN 5000. Introduction to Counseling Profession. (3 Credits)
This course offers an introduction and orientation to the counseling profession. The course includes studies of the history and philosophy of the profession; contemporary and emerging trends in counseling; professional organizations, publications, credentialing requirements including certification and licensure and accreditation standards; advocacy, public policy, and ethical codes that shape professional practice.

COUN 5001. Introduction to Professional Writing. (3 Credits)
This is an introductory course in professional writing. Scholarly writing using APA publication comprises the primary course activity.

COUN 5002. Professional Issues in Counseling. (3 Credits)
This critical thinking course will assist students with conceptualization and synthesis of current issues and trends in Professional Counseling. Through review and critical analysis of counseling research and publications, will deepen students' knowledge of trends and issues influencing the profession.

COUN 5003. Leadership and Advocacy. (3 Credits)
This course helps students understand and facilitate the use of traditional and new (leadership and advocacy) counseling skills to promote the academic, career, and personal/social development of students within systems.

COUN 5500. Theories of Counseling. (3 Credits)
This course introduces students to the theories and principles of counseling, alternative theoretical strategies and the process of counseling. Points of convergence and divergence will be discussed.

COUN 5501. Lifespan Development. (3 Credits)
This course offers an introduction to the study of human development from conception through death. Theories of development of physical, psychological, psychosocial, cognitive, moral aspects of human development are presented. The course also explores environmental and genetic factors, developmental crises and transitions, family development, and community influences as they relate to optimal and exceptional development.

COUN 5504. Foundations of Rehabilitation Counseling. (3 Credits)
This course presents the history and philosophy of rehabilitation counseling. The course will discuss public and private vocational rehabilitation systems; relevant legislation; professional credentialing issues including certification, licensure, and accreditation; systems knowledge of healthcare, education, and rehabilitation; and public policy and advocacy strategies for counselors and consumers. The ecological perspective and ethical codes of conduct will be discussed.

COUN 5506. School Counseling Foundations. (3 Credits)
This course provides an overview of principles of school counseling. Counseling services, practices and basic concepts relating to organization and operation of school counseling programs are offered. Emphasis is placed on theories of human growth and development and the implementation of a developmentally appropriate school counseling program. Prerequisite: Permission of Program Coordinator.

COUN 5508. Introduction to Mental Health Counseling. (3 Credits)
Students are introduced to the history, philosophy, and theoretical foundations of the clinical mental health counseling professions, including the scope of practice, credentialing, professional roles, functions, and relationships with other helpers. This course provides an overview of the clinical mental health counseling program; self-care strategies appropriate to the counselor role; professional organizations and licensure; and the roles of professional counselors in advocacy and the promotion of social justice.

COUN 5510. Assessment in Counselor Education. (3 Credits)
Students in this course are provided with an overview of assessments used in counseling, rehabilitation, and education as well as the responsibilities of counselors using assessments. Students learn about the tests used in clinical, educational, and organizational settings, and they examine the psychometric properties used to develop and evaluate these instruments. Topics included in this course are statistical concepts, and common assessment formats for measuring constructs such as personality, pathology, achievement, aptitude, and career interests. There will also be a focus on assessment critique, administration and interpretation of assessment results, and incorporating assessment results into work with clients and students. Prerequisite: Admission to the Counselor Education Program.

COUN 5512. Counseling Strategies and Techniques. (3 Credits)
An experimental approach to more effective interpersonal communication, this course offers the opportunity for awareness, personal growth and understanding of self and other, and communication of that self-awareness and understanding. This course is designed to teach basic skills of the helping relationship and the structure of the basic counseling interview. Through skills practice, students develop a better understanding of the relationship between theory and practice. Prerequisite: COUN 5500.

COUN 5514. Counseling Children and Adolescents. (3 Credits)
This course covers salient considerations for counseling children and adolescents, emphasizing the effects of such factors as disability, cultural diversity, substance abuse, behavioral disorders, and academic development. Students learn appropriate strategies and techniques to assess behavior and meet the needs of children and adolescents and common medications that affect learning, behavior, and mood in children and adolescents. Simulation, observations, and in-class role plays are incorporated throughout this course. Prerequisites: COUN 5501 and COUN 5512.

COUN 5515. Group Counseling and Dynamics. (3 Credits)
The experiential course emphasizes the nature of groups and the dynamics of group interaction as well as the legal and ethical standards related to group counseling. Students design, implement, and facilitate counseling groups. Prerequisite: COUN 5512.

COUN 5517. Couples and Family Counseling. (3 Credits)
Using a systems prespective for understanding the dynamics of families and couples, this course provides students with theories, knowledge, and skills related to major models of family counseling and related interventions as wess as a rationale for selecting appropriate modalities for assessment and counseling. Prerequisite: COUN 5512.

COUN 5519. Addiction Counseling. (3 Credits)
This course provides an orientation to and introductory framework for recognizing and treating addictions and abuses. Students develop conceptual knowledge, practical skills, and self-awareness concerning the etiology of addiction, assesment strategies, and diagnosis and treatment planning as evidenced in the current professional literature. Theories of addiction counseling and application of these theories comprise a significant part of this course. Co-occuring disorders, such as process addictions and mental illnesses are also addressed. Prerequisite: COUN 5500.

COUN 5520. Multicultural Counseling Theory and Practice. (3 Credits)
An examination of relationships, issues and trends in the context of a diverse society related to such factors as culture, ethnicity, nationality, age, gender, sexual orientation, mental and physical characteristics,family, religious and spiritual values, education, socioeconomic status and the unique characteristics of individuals, couples, families, ethnic groups, and communities. Prerequisite: COUN 5500.

COUN 5525. Case Management. (3 Credits)
This course covers case management concepts, systems, processes and competencies necessary for effective service delivery to persons with disabilities and their families. Information regarding the range and level of community and professional resources, service, and products that facilitate the quality of life, independent living, and work for individuals with disabilities in rural settings is integrated into the course; strategies for caseload management, cost effective service coordination, vendor selection, conflict management, and evaluation are addressed. Prerequisites: COUN 5504, 5550, 5551, 5510.

COUN 5528. School Counseling P-12. (3 Credits)
This course of the application of counseling at the elementary, middle, and secondary school levels. Emphasis is placed on the design and implementation of a comprehensive school counseling program. Peer facilitation, alternative programs and assessing the need for programs, informing administrators, teachers, parents and students about services, advertising, and recruitment will be covered. Prerequisite: COUN 5500.

COUN 5529. School Counseling Curriculum and Program Coordination. (3 Credits)
This course examines the organization of comprehensive, developmental school counseling programs in the elementary, middle, and high schools, as well as the design and implementation of the school counseling curriculum for grades P-12. The counselor's role as program coordinator focuses upon needs assessments, curriculum planning and implementation, time and resource management, public relations, and program evaluation. Ethical and diversity issues are emphasized in designing curricula and delivery strategies to address the developmental needs of all students. Prerequisite: COUN 5528.

COUN 5531. Career Development and Counseling. (3 Credits)
This course focuses on career development theories and decision making models use of occupational and labor market information, technology-based career market information, technology-based career information systems, career development, and educational planning. Prerequisite: COUN 5500.

COUN 5532. Vocational Development and Placement. (3 Credits)
This course provides an overview of vocational development and placement services, including labor market analysis, job analysis, work-site modification and restructuring, employer contacts, supported employment, and retention. The course also discusses the application of technology to the employment of persons with disabilities, post-employment services, job coaching, and natural supports. Prerequisites: COUN 5504, COUN 5531.

COUN 5540. Prevention, Intervention, and Consultation. (3 Credits)
The course will help students to develop the skills and techniques for effective consultation with clients, educators, parents, and community referral resources, and other clinicians. Theoretical and practical application and practice of specific skills essential to prevention, intervention, and collaboration are emphasized. Prerequisites: COUN 5528 or COUN 5525 or COUN 5508.

COUN 5550. Medical and Psychosocial Aspects of Disability I. (3 Credits)
This course examines contemporary models of adjustment to disability and explores the impact of culture, individual diversity, and sociological dynamics on disability. Medical terminology and diagnostic criteria and functional limitations are introduced. Prerequisite: COUN 5504.

COUN 5551. Medical and Psychosocial Aspects of Disability II. (3 Credits)
This course explores disabilities from a systems perspective and incorporates fundamental information regarding medical terminology, diagnostic criteria and functional limitations, medical practitioners, assistive technologies, and health care systems as well as adjustment to disability. Consumer adjustment to disability, psychosocial, cultural, and other contextual factors that impact persons with disabilities will be infused throughout this course. Prerequisite: COUN 5550.

COUN 5560. Diagnosis and Treatment. (3 Credits)
This course provides a framework for understanding the major diagnostic categories of the Diagnostic and Statistical Manual. Emphasis is given to the principles and practices that relate to the psychopathology, DSM diagnosis, etiology and assessment, systematic treatment planning, interviewing, and short- and long-term interventions. Students examine techniques commonly used for the diagnosis and treatment of cognitive, emotional, and developmental disorders as well as for psychophysiological and psychosocial programs. Through coursework and discussions, students consider multicultural factors that complicate diagnosis as well as current trends and contemporary issues in clinical assessment and diagnosis. Prerequisite: COUN 5700.

COUN 5561. Psychopharmacology. (3 Credits)
This course provides an overview of psychotropic medications used in the management of mental, behavioral, and addictive disorders in children and adults. Students will explore basic anatomical, physiological, and chemical characteristics of the nervous system to understand the rationale for using medications, along with their limitations and side effects. Additionally, students explore related historical, social, ethnic, and cultural factors related to counseling and psychotropic medical treatment. Prerequisite: COUN 5560.

COUN 5570. Practicum. (3 Credits)
Students complete at least 100 clock hours of supervised clinical experience conducive to the modeling, demonstration, and development of counseling skills. The practicum requires 40 hours of direct service with clients, including experience in individual counseling. Counseling interview will be recorded. Background checks and proof of professional liability insurance coverage are required. Prerequisites: COUN 5501, 5512, 5515, 5531, 5600 or permission of Program Coordinator.

COUN 5575. Selected Topics in Counseling. (3 Credits)
This seminar features a combination of lecture, discussion, resarch and presentations. Topics vary each time course is offered. This course may be repeated for credit under different topics. Prerequisites: Permission of the Program Coordinator.

COUN 5595. Internship. (3 Credits)
Internship provides a supervised 600 clock hours of clinical experience in setting. Interns must complete at least 240 direct service clock hours, including experience in individual counseling and group work, and supervision by the University Supervisor and the cooperating onsite counselor. Prerequisite: COUN 5570, or Permission of the Program Coordinator.

COUN 5596. Thesis. (3 Credits)
This class offers students the opportunity to develop and defend their research under the supervision of their thesis advisor. Prerequisites: COUN 5570 or Permission of Program Coordinator.

COUN 5598. Internship II. (3 Credits)
This course is a continuation of COUN 5595. In this course, students complete their supervised, 600 clock hour internship in a setting appropriate for their specialized field of training. The requirement includes completion of 240 direct service clock hours and supervision by the university supervisor and the cooperating onsite counselor. Prerequisite: COUN 5595.

COUN 5600. Legal and Ethical issues in Counseling. (3 Credits)
Legislative, judicial and ethical mandates germane to professional counselors are presented in this course. Current issues including such topics as confidentiality, use of assessment instruments, family issues, professional identity, and an examination of the ACA Code of Ethics and other professional standards will be covered.

COUN 5610. Crisis Counseling and Intervention. (3 Credits)
This course provides an overview of the types and models of crisis intervention. Consideration of organization, and client variables including developmental needs, diversity and cultural issues, as well as primary, secondary, and tertiary prevention are addressed. Prerequisite: COUN 5512.

COUN 5620. Research and Program Evaluation for Counselors. (3 Credits)
This course presents research methodology, philosophical, ethical, and training issues; major qualitative and quantitative designs; methodological issues, and professional research issues. Students complete training on human subjects review. Prerequisites: COUN 5510 or permission of coordinator.

EDAS 5505. Introduction to Leadership. (3 Credits)
This course considers the application of leadership theory of educational agencies. Planning, goal-setting and implementation, problem solving, organizational development, and change, interpersonal and group relations and school climate are examined.

EDAS 5512. Integrating Technology I for Educational Leaders. (3 Credits)
This course prepares prospective educational leaders to apply technology and its applications in the larning enbironment with particular reference to performance-based curricula, millennium learners.

EDAS 5515. Curriculum and Instruction for Educational Leadership. (3 Credits)
A study of the recent trends in curriculum design with the emphasis on the newer media and ways and methods of implementing innovative instruction. This course includes a study of the principles, procedures, and components of curriculum development, interpretation of test scores, and use of assessment data, program evaluation, and instructional supervision.

EDAS 5525. School & Community Partnerships. (3 Credits)
Candidates study School-Community Relations and their impact on the school operations. Emphasis is on the influence of the social forces on the school.

EDAS 5535. Ethical & Legal Aspects of Education. (3 Credits)
A study of the ethical and legal foundation of public education as it relates to the rights and responsibilities of school personnel, parents and students. Emphasis will be place on policies and standards from the federal, state and local levels, with special emphasis on the Elementary and Secondary Education Act, Georgia law, and Georgia's Code of Ethics.

EDAS 5545. Curriculum, Instruction and School Leadership. (3 Credits)
The goal of this course is to provide recent trends in curriculum and instructional design, while providing an understanding of educational administration and the principles, procedures, and research of school improvement.

EDAS 5555. Preparing Educational Leaders for Diversity. (3 Credits)
The focus of the course is to assist school leaders in recognizing that encounters with "difference" promote the understanding of others, as well as self-understanding, and the appreciation and mutual respect of diverse perspectives and cultures. This recognition enables them to create a school environment that is welcoming, inclusive and increasingly diverse in pedagogy and practice.

EDAS 5575. Managing Human and Fiscal Resources in Schools. (3 Credits)
This course is designed to provide the candidate with the knowledge, skills, and dispositions from a building leader's perspective to both lead and manage fiscal and personnel school functions and other school resources. These include business procedures, fiscal accounting, and budgeting and personnel administration.

EDAS 5580. School Discipline Problems. (3 Credits)
Students analyze school climate, school discipline, school safety, and control of violence. The course focuses on constructing plans for controlling violence, safety, improving attendance, and reducing tardiness. As opposed to classroom management the course concentrates on school-wide management.

EDAS 5585. School Safety, Schoolwide Discipline, and Classroom Management. (3 Credits)
Candidates analyze school climate, school safety, school discipline and control of violence. This course has 3 major emphases: 1) school safety; 2) school-wide discipline, and 3) classroom management. The educational leader will demonstrate the ability to develop and implement a school safety plan; produce, articulate and disseminate a school-wide discipline plan; coach, support, teach and develop teachers as classroom managers.

EDAS 5595. Clinical Experiences in Educational Administration. (3 Credits)
The course includes completion of 250 clock hours of administrative experiences in eleven major areas of school administration as outlined in the Clinical Manual. Each candidate prepares an experience portfolio reflecting on all experiences. Logs are submitted to the instructor of the course.

EDAS 6000. Professionalism and Ethics. (3 Credits)
Educational leaders manage and develop faculty and staff members' professional skills and practices in order to drive student learning and achievement. Building an effective staff requires careful personnel recruitment, selection, assignment of responsibilities, support, evaluation, and retention. Additionally, leaders recognize the need for ethical educators. They safeguard the environment by setting, communicating, and enforcing clear standards for how educators are expected to conduct themselves with students, with one another, and within the broader community. A critical factor in establishing and maintaining a safe environment is appropriate and professional educator conduct.

EDAS 6015. Supervision, Curriculum and Instruction. (3 Credits)
This course is a research-based and a practical study of supervision as it applies to educators and the challenges they face. The course defines supervision as it relates to the complex demands being placed on principasl, central office administrators and teachers in today's educational setting. INTASC Standard will be included in the supervisory experiences with emphasis on learner development (Standard 1), planning for instruction (Standard 7), and instructional strategies (Stanmdard 8). The course provides opportunities for the candidate to perform real supervisory experiences in real time, in a real setting.

EDAS 6020. Assessment, Evaluation and Continuous Improvement. (3 Credits)
Educational leaders manage and develop faculty and staff members professional skills and practices in order to drive student learning and achievement. building an effective staff requires careful personnel recruitment, selection, assignment of responsibilities, support, evaluation, and retention. Additionally, leaders recognize the need for ethical educators. They safegaurd the enbironment by setting, communicating, and enforcing clear standards for how eduators are expected to conduct themselves with students, with one another, and within the broader community. A critical factor in establishing and maintaining a safe enbironment is appropriate and professional educator conduct.

EDAS 6025. Residency I. (5 Credits)
Canditates acquire leadership experiences under a S Beginning Leader Candidate Support Team (BLCST) including a coach/mentor who is practicing supervisor/administrator/leader and ASU personnel. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this course are performance-based. EDAS 6025 is designed for Ed.S. candidates to maximize opportunities and practices and to refine their skills in building level leadership. The experiences of this course include a Leadership Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) standards (using the LKES, assessing needs, and completing performance-based experiences in an authentic setting. The LKES is a performance appraisal process based on Georgia's Leadership Performance Standards and has been adopted by the PSC. These experiences will lead to RESidency II (EDAS 6035).

EDAS 6030. Seminar I. (1 Credit)
This course is designed to give candidates an opportunity to share experiences while participating in Residency I. Candidates will make presentations on various topics and reflect on their learning. Additionally, sessions will be held on professionalism, ethcs, legal aspects of leadership, GACE preparation, TKES and LKES simulations. Guest speakers will share their knowledge and experiences of being practicing school leaders.

EDAS 6035. Residency II. (5 Credits)
Candidates acquire leadership and administrative experiences under a Beginning Leader Candidate Support Team (BLCST) including a coach/mentor who is a practicing supervisor/administrator/leader and ASU personnel. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this course are perfornance-based. EDAS 6035 is designed for Ed.S. candidates to maximize opportunities and practices and to refine their skills to building level leadership. The experiences of this course include the continuation of an Administrative Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) standards for Specialists' Level preparation (using the LKES), assess needs, and completing performance-based experiences in an authentic setting. The LKES is a performance appraisal process based on Georgia's Leadership Performance Standards and has been adopted by the PSC.

EDAS 6040. Seminar II. (1 Credit)
This course is designed to give candidates an opportunity to share experiences while participating in Residency II. Candidates will make presentations on various topics and reflect on their learning. Additionally sessions will be held on professionalism, ethics, legal aspects of leadership, GACE preparation, TKES and LKES simulations. Guest speakers will share their knowledge and experiences of being practicing school leaders.

EDAS 6655. The Principal as Instructional Leader. (3 Credits)
This is an advanced course in school administration for students in the Education Specialist Performance-Based Program specializing in building level administration. Although some emphasis will be placed on management and structure of the school, the major focus in on the role of the principal in creating and maintaining a program of instructional excellence. Thus, every facet of the course will lead to creating a school leader who is able and willing to promote student achievement.

EDAS 6670. School Finance. (3 Credits)
This course is designed to provide the candidate with the basic principles of school finance, accounting procedures and an overview of school business management. Included is a review of the issues (and possible resolutions) that confront educational leaders, boards of education (BOE) and the public. Also included is the planning, preparation and administration of budgets. Candidates examine theories of financing public elementary and secondary schools with special attention to the Georgia requirements. Basic overview of taxation, bond issues and SPLOST are reviewed. This course is part of the performance-based specialist program. One third of the activities/assessment for this course are performance-based, while two thirds of the activities/assessment are content-based and practice-based. Performance-based activities from the Ed.S. Handbook are to be performed and recorded in the candidate's electronic portfolio. A verification for each activity by the candidate will be posted on verification form.

EDAS 6681. Recent Trends in Supervision. (3 Credits)
Recent trends in supervision are reviewed. The identification of problem arising in the practice of supervising as well as the evaluation procedures in today's schools will be presented.

EDAS 6685. School and Community Relations. (3 Credits)
Students study school-community relations and their impact on the school operation. Emphasis is on the influence of the social forces on the school.

EDAS 6702. Educational Leadership and School Improvement. (3 Credits)
This pre-service course for entrance into the Ed.S. program is one of two required of those candidates who have not completed a masters degree in educational leadership. This is primarily a content course with some application and performance. Emphasis is given to the study of leadership and school improvement. Candidates will learn the importance of analyzing data to plan and implement appropriate instructional experiences for students and to identify and analyze the measures of data to understand student learning needs.

EDAS 6708. Residency I District Level. (6 Credits)
Candidates acquire district level administrative experience under a practicing supervisor / administrator. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. Candidates to maximize opportunities and practices and to refine their skills in district level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic district level setting. These experiences will lead to Residency II EDAS 6770.

EDAS 6710. The Superintendent. (3 Credits)
This course is an intensive study of Research literature on the School Superintendent. The Executive Leadership responsibilities, roles, and styles with references on superintendent and school-board relationship will be considered. This course is part of a Performance-Based Educational Specialist Program. One hundred percent of the Activities and Assessments for this course are Performance-Based.

EDAS 6711. Software Systems in educational Administration. (3 Credits)
Students examine administrative computer software currently used in Georgia school systems such as pupil accounting, grade reporting, grade posting, food service accounting, class scheduling, discipline records, communication systems, multimedia presentation systems, activity fund accounting, general fund accounting, personnel records, purchasing, bus scheduling, maintenance and repair scheduling, payroll, budgeting and balance sheet preparation.

EDAS 6719. Residency I Building Level. (6 Credits)
Candidates acquire building level administrative experience under a practicing supervisor /administrator. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. candidates to maximize opportunities and practices and refine their skills in building level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic building level setting. These experiences will lead to the Residency II EDAS 6769.

EDAS 6733. Educational Policy. (3 Credits)
This course will combine in-depth knowledge of the textbook, reading of a paperback and study of selected websites on current educational issues, as well as class discussions and stringent question and answer sessions led by the instructor. Students will then be able to analyze a number of policy documents from their school system and provide an evaluation based on the material studied in this class.

EDAS 6769. Residency II Building Level. (6 Credits)
Residency II is a continuation of Residency I. Candidates acquire building level administrative experience under a BLCST. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this course are performance based. EDAS 6769 is designed for Ed.S. candidates to maximize opportunities and practices and to refine their skills in building level administration. The experiences of this course include the continuation of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation using the GaDOE Leader Keys, assess needs and complete performance-based experiences in an authentic building level setting.

EDAS 6770. Residency II for District Level Administrator. (6 Credits)
Candidates acquire district level administrative experience under a practicing supervisor / administrator This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. Candidates to maximize opportunities and practices and to refine their skills in district level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic district level setting.

EDUC 5000. Professional Development for Accomplished Educators. (3 Credits)
This course focuses on the self-assessment of individual student understanding and application of mastery outcomes based on National Board for Professional Teaching Standards. Emphasis will be upon preparing educators to assess their practice using the rigorous guidelines for the NBTS process.

EDUC 5199. Orientation to Adv Prof Educ. (0 Credits)
This course is for Master of Education students entering an education program. The Orientation to Graduate Education provides students with the training and information needed to successfully navigate ASU teacher preparation program requirements. Students will receive training on the College of Education's Conceptual Framework; the requirements needed to successfully complete teacher preparation programs; learn to navigate Degreeworks to complete academic program plans of study; and learn to navigate LiveText for purposes of assessment and evaluation of Key Unit and Program specific assessments. All students will be required to purchase a LiveText account and have an active ASU account prior to participation in the course.

EDUC 5441. Culturally Responsive Teaching. (3 Credits)
Cultural difference influence classroom instruction and the performance of all students. This course is designed to prepare educators to teach in today's culturally diverse classrooms by providing them with a baseline of critical information and abilities, as well as a self-monitoring attitude to be successful. It presents students with the latest information on teacher effectiveness and specific suggestions on providing culturally responsive instruction in today's classrooms. The content of the course is performance-based and is designed for elementary through secondary professional educators.

EDUC 5443. Educational Assessment. (3 Credits)
This course is designed to facilitate students acquiring the fundamental concepts, principles, theories, and techniques of educational measurement and classroom assessment. The underlying premise for the value of such knowledge for educators is that it is necessary for sound educational decision-making. Moreover, students will acquire competence in the planning and development of informal classroom assessments and the evaluation of standardized tests.

EDUC 5444. Effective Teaching AndThe Arts. (3 Credits)
This course focuses on integrating effective teaching strategies into learning how to teach, improving teaching and teaching students how to learn. Activities will be developed for infants, toddlers, primaryand children through age 13. Laboratory required.

EDUC 5500. Educational Statistics. (3 Credits)
Application of basic descriptive statistics to education. Data graphs and tables, probability, sampling statistics, correlation and hypothesis testing are studied.

EDUC 5501. Educational Research. (3 Credits)
A study of research methods, procedures and design, including preparation of research abstracts. Writing reports in the field of education and related areas are presented.

EDUC 5502. Action/Classroom Research. (3 Credits)
A study of research methods, procedures and designs, including the preparation of research abstracts and action research as it applies to educational settings.

EDUC 5504. History of Education. (3 Credits)
A survey of major developments int he rise of public school in the U. S. from the colonial period to the present.

EDUC 5509. Philosophy of Education. (3 Credits)
A study of the basic tenets of education focusing on current issues and their basic assumptions in schools. The derivations of issues and practices are analyzed.

EDUC 5515. Adolescent Literature. (3 Credits)
Study of literary instruction and of selected literary works including drama, short story, poetry, essay and novel, relevant to the needs, values and interests of adolescents. Consideration is given to selection of materials, motivation of reading and the development of literary skills appreciation.

EDUC 5520. Language Concepts for M/Child. (3 Credits)
Focuses on elements of language study appropriate to middle childhood/ secondary including the history and nature of language, the grammar of English, dialects, usage, study skills, spelling, and handwriting.

EDUC 5524. Method and Materials in Teaching English. (3 Credits)
Instructional procedures, student activities, materials and evaluation of English in the middle and secondary schools.

EDUC 5528. Teaching Composition in Secondary Schools. (3 Credits)
Curriculum, methods and materials for teaching composition in secondary schools, including the theories, approaches, techniques and procedures from prewriting through evaluation.

EDUC 5531. Mathematics Concepts in Secondary Schools. (3 Credits)
Current problems in teaching mathematics in the secondary school with emphasis on defining objectives, analyzing content and individualized instruction.

EDUC 5540. Curriculum Principles. (3 Credits)
Models for curriculum development and the forces that bear on curriculum decision making will be studied. This is the basic course in principles of curriculum development for graduate students, including those from diverse backgrounds with a variety of career goals.

EDUC 5550. Foundation Principles in Education, Growth Development. (3 Credits)
This is an intensive course designed to provide foundational information to teacher education candidates that outlines the history of US public schooling, issues and trends in schooling , tenants of educational philosophy and educational psychology, and emphasizes the importance of cultural sensitivities and congruence during the educational process.

EDUC 5570. Strategies of Instruction in Science. (3 Credits)
Designed to introduce the professional teacher to the theories and practices of supervising student teaching nature of learning science, a system for instruction, instructional skills and evaluation of science teaching. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

EDUC 5590. Pract I:Internship ECEC Presch. (3 Credits)
Field-based experiences providing an opportunity for extensive training and application of knowledge with children in the area preschool of early childhood education.

EDUC 5591. Pract II:Intrnshp ECEC Primary. (3 Credits)
Field-based experiences providing an opportunity for extensive training and application of knowledge with children in the area preschool of early childhood education.

EDUC 5592. Applied Research in Teacher Education. (3 Credits)
This course is designed to introduce advanced teacher candidates to quantitative and qualitative strategies for educational data collection and analysis. By the end of the course, advanced candidates will be able to design and implement an action research study in order to improve student achievement, drive teacher instruction, and positively impact school performance.

EDUC 6000. Research I. (3 Credits)
The purpose of this course is to introduce candidates to quantitative and qualitative methods for conducting meaningful inquiry and research. Candidates will gain an overview of research intent and design, methodology and technique, format and presentation, and data managment and analysis informed by commonly used statistical methods. The course will develop each candidate's ability to use this knowledge to become more effective as school leaders.

EDUC 6005. Research II. (3 Credits)
This graduate level course provides for the development and completion of a research paper in educational leadership. Writing reports in the field of Education and related areas are presented. Research is focused on current problems in schools.

EDUC 6199. Orientation to Educational Specialist Program. (0 Credits)
Orientation to Educational Specialist Program provides candidates with the training and information needed to successfully navigate ASU's Educational Specialist program requirements. Candidates will receive training on the requirements needed to successfully complete the Educational Specialist preparation program; navigate LiveText for the purposes of assessment and evaluation of Key EPP and Program specific assessments. All candidates will be required to purchase a two-year LiveText account and have an active ASU account prior to participation in the course.

EDUC 7701. Advanced Educational Research. (3 Credits)
A study of research methods, procedures and design, including preparation of research abstracts. Writing reports in the field of education and related areas is presented. Action research is focused on current problems in schools.

SPED 5501. Exceptional Child. (3 Credits)
A survey course satisfying House Bill 671 and focusing on the characteristics, identification, prevalence, and programming of exceptionality areas for which children and youth may obtain special educational services.

SPED 5510. Characteristics & Instruc Stra. (3 Credits)
A study of the commonality of characteristics leading to the identification, placement, and service delivery models for children/youth with mild disabilities and strategies to address identified needs of this student population. Emphasis will be placed on the guiding principles, implementation, and evaluative criteria for the inclusion of systematic instruction, task analysis, and behavioral management of children/youth with mild learning and behavioral problems.

SPED 5512. Characteristics of Children and Youth with Mild Learning, Intellectual, or Behavioral Disabilities. (3 Credits)
A study of the commonality of characteristics leading to the identification, placement, and service models for children with mild learning and behavior problems. Prerequisites: SPED 5501 or SPED 2265.

SPED 5515. Nature and Characteristics of Intellectual Disabilities. (3 Credits)
Study of the nature and characteristics of children and youth eligible for services in intellectual disabilities on the severe, moderate, and mild levels. Prerequisite SPED 5501 or 3231.

SPED 5516. Nature & Charac of Gifted. (3 Credits)
GIFT 5516 has been designed as one semester introduction to and overview of the field of gifted education. Topics include: theoretical and historical contexts; characteristics of gifted learners; influences on gifted learners (family, community, culture, etc.); identification of gifted, talented and creative learners; instructional models and practices; legislation and policy guidelines; and current issues in the field. This course will has been designed as a "hybrid" course involving both face to face (f2f) and online instructional activities, including: lecture, small & large group discussion, student presentations, expert presentations, and various types of "observations" of gifted learners and learning environments.

SPED 5522. Teaching the Preschool Exceptional Child. (3 Credits)
This course emphasizes the methods, modes of evaluating, and other skills required for the teaching of preschool handicapped infants and toddlers. The areas to be covered include stimulation training, readiness programing, academic and social awareness, and service delivery systems.

SPED 5524. Instructional Strategies for Teaching the Mildly Disabled. (3 Credits)
Principles, implementation and evaluative criteria for inclusion of systematic instruction, task analysis and behavioral management used for the instruction of children/youth with mild learning and behavioral problems.

SPED 5525. Instructional Strategies for Intellectual Disabilities. (3 Credits)
The cyclical process of assessment, planning, implementation, and evaluation is emphasized. Teaching methods and materials for group instruction, as well as individualized instruction is highlighted.

SPED 5529. Instr Methods in Gifted Edu. (3 Credits)
This Course explores concepts, strategies, methods, and techniques of teaching the gifted student. Opportunities are provided for development of strategies based on principles of gifted education. Special emphasis will be devoted to selection of strategies for the development of creativity. Offered: Summer.

SPED 5530. Counseling Parents for Exceptional Children. (3 Credits)
Practicing teachers are taught to take a developmental approach to their subject, focusing on the uniqueness of each family and each child from infancy, through the primary grades, to middle school, high school, and adulthood.

SPED 5536. Curriculum for Gifted Edu. (3 Credits)
The course explores how appropriate curricula for the gifted is a response to the cognitive and affective needs which may be unique to gifted learners as well as those they share with their peers. Participants will examine modifications in the content, process, product, affect, and learning environment of classroom and curricula as they relate to gifted learners. They will gain experience in developing concept-based, open-ended, flexibly paced curriculum that can be implemented in the classroom immediately. Offered: Summer.

SPED 5542. Behavior Modification for Special Education Students. (3 Credits)
Application of behavior modification principles and behavior analysis in both general and special education classrooms.

SPED 5545. Educational Assessment of Exceptional Children. (3 Credits)
Focuses on the use of evaluation to determine classification and eligibility, to plan individualized education programs (IEPs) and to evaluate teacher effectiveness and pupil progress.

SPED 5547. Behavior Management of Exceptional Children. (3 Credits)
An eclectic approach to behavior management. Affective psychodynamic techniques, ecological and environmental arrangements and behavior modification principles and the primary theoretical systems that are explored.

SPED 5563. Issues in Interrelated Special Education. (3 Credits)
Focuses on the current trends and issues affecting special educators. Objectives for the teacher competency tests in special education are addresses and studied.

SPED 5570. Practicum in Interrelated Special Education. (3 Credits)
Field-based experiences provide an opportunity for extensive training and application of knowledge with exceptional children and youth in the areas of mild intellectual disabilities, behavior disorders and specific learning disabilities.

SPED 5580. Directed Studies in Research and Reading in Special Education. (3 Credits)
Intensive study in selected areas in the field of special education with application of knowledge in a written format, such as a grant proposal, research article, or journal publication. Advisors permission is required.

SPED 5590. Teaching of Reading and Math to Exceptional Learners. (3 Credits)
A study of specialized reading and math techniques and strategies for use with students with learning disorders includes diagnosis, remediation, and determination of readability levels, error analysis and corrective strategies.

Counselor Education, Master of Education

Counseling is a professional relationship that empowers diverse individuals, families, and groups to accomplish mental health, wellness, education, and career goals (American Counseling Association, 2010). The Counselor Education Program will train professional counselors who serve the mental health needs of the citizens of Georgia and the nation. The mission of this online Counselor Education Program at Albany State University is to produce professional counselors who are proactive in promoting educational achievement, career success, mental health, personal, and social development, equity, and access for the individuals that they serve.

The objectives of the Program are:

- **Objective 1.** The program will prepare candidates who demonstrate a professional identity consistent with professional counseling, based on an understanding of historical, current, and emerging trends that shape the counseling profession.
- **Objective 2.** The program will offer curricular and co-curricular opportunities that provide candidates with opportunities to develop knowledge and skills that are meaningful and relevant for serving a multicultural, pluralistic society in diverse settings.
- **Objective 3.** The program will prepare reflective practitioners who integrate theory into practice through the application of counseling, learning, and motivational theories; data-driven decision-making; and the infusion of technology.
- **Objective 4.** Program candidates will identify systemic barriers that inhibit the maximum development of the populations that they serve and impede their ability to access opportunities and advocate for the removal of these barriers.

- **Objective 5.** Counseling faculty will develop professional growth and learning opportunities for practitioners in Southwest Georgia and beyond.

CREDENTIALING

Students are encouraged to know the requirements for credentialing in the state in which they wish to practice. Students who successfully complete this program earn the M.Ed. in Counselor Education are eligible to apply for certification as a counselor, rehabilitation counselor, or school counselor, depending upon their area of concentration, and may be eligible to apply for counselor licensure. Students who earn the M.Ed. in Counselor Education with a concentration in School Counseling and are eligible for Georgia T-5 Certification in School Counseling.

COUNSELOR EDUCATION CONCENTRATIONS

Students in the Counselor Education Program may elect to earn their degree in one of three counseling concentrations:

Clinical Mental Health Counseling

The *Clinical Mental Health Counseling* specialization prepares individuals to provide evaluations, referrals, and short-term counseling services to help people prevent or remediate personal problems, conflicts, and emotional crises. Individuals who complete this program are eligible to apply for licensure in Georgia and certification from the National Board for Counselor Certification. All students are advised to become knowledgeable of licensure requirements in the state in which they wish to practice.

Clinical Rehabilitation Counseling

Clinical Rehabilitation Counselors are professional counselors trained specifically to serve individuals with disabilities. The *Clinical Rehabilitation Counseling* specialization prepares professional counselors to assist individuals with disabilities to achieve their personal, career, and independent living goals. Individuals who complete this program are eligible to apply for licensure in Georgia and certification from the Commission for Rehabilitation Counselor Certification. All students are advised to become knowledgeable of licensure requirements in the state in which they wish to practice.

School Counseling

The 63 semester hour program School Counseling program is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP) and has "approved" status with the Georgia Professional Standards Commission. Candidates who are already Georgia certified or who have completed three (3) or more semester hours of coursework in the identification and education of children who have special educational needs through an approved professional learning program will complete 60 semester hours of coursework. Applicants do not have to be certified teachers to gain admission to the program.

COUNSELOR CONTINUING EDUCATION

Counselor Continuing Education provides non-degree options for individuals who seek personal enrichment and renewal as well as additional educational experiences needed to obtain certification or licensure. Applicants who wish to take courses but who are not seeking a degree must submit their application for graduate admission, Counselor Education Program application, Master's level transcript(s) and three current letters of recommendation to the Office of Graduate Admissions.

The Advanced Counseling Certificate in School Counseling allows individuals with master's degrees in counseling or closely related clinical fields to meet the requirements for Georgia certification in School Counseling. This certificate program tailors coursework to meet the individual's specific needs for certification, as determined by a review of the individual's academic record and the current certification requirements. *Applicants who have no clinical training or who need more than 18 semester hours for certification are not eligible* for the Advanced Counseling Certificate in School Counseling. Passing the GACE content examinations is required to complete the certificate.

The Advanced Counseling certificate serves post-master's degree candidates who need specific courses to complete their licensure requirements. *Individuals who need more than nine (9) credit hours of coursework are not eligible* for this certificate.

EXIT EXAMINATION

In partial fulfillment of the M.Ed. in Counselor Education, students are required to submit scores on the specialization examination for their concentration (GACE/PRAXIS, CRC, or NCE). In instances where a state-specific examination is required, the student can request an exception.

RESIDENCY REQUIREMENT

Students are required to complete at least 2 **four-day** on-campus residencies. Residency allows students to interact with fellow students and faculty in person, learn and practice basic and advanced skills in your concentration area, and build a strong learning community. There is an *additional cost* for residency, which does not include travel, food and lodging expenses. Residency fees are *not included* in your program tuition.

STUDENT RETENTION

Students must earn a grade of B or higher in each course in Areas A, B, C, and E and maintain a cumulative GPA of 3.0 or higher. No grade lower than C will count toward graduation. Students in Counselor Education must maintain appropriate professional dispositions as well as meet the required academic standards; failure to do either can result in dismissal from the Program.

Program Admission Requirements

The Counselor Education Program admits cohorts for the summer and fall semesters only. Individuals seeking admissions to Counselor Education must apply to Albany State University Graduate School. Information concerning required materials and processes are available through Graduate Admissions. Admission decisions in the Counselor Education Program consider a number of factors, including grade point average (GPA), test scores, references, employment history and other experiences, previous graduate work, professional goals, and interviews. Counselor Education applicants are required to interview with the Counselor Education Admissions Committee.

The following Counselor Education Program specific supporting documents must also be submitted:

- Counselor Education Program application
- Official MAT, GRE, or GACE Test Scores
- Professional Statement
- Three current references

In lieu of GRE/MAT scores, applicants seeking Georgia School Counseling certification must submit passing scores on the Georgia Assessment

of Content for Educators (GACE) Program Admission assessment (formerly named the GACE I or GACE Test of Basic Skills) or documented exemption.

Successful applicants may be admitted into one of the following statuses:

Regular Admission:

- An undergraduate grade point average of 2.8 or higher;
- A minimum standardized test score of:
  402 on the Miller Analogies Test (MAT) or 146 Verbal and 140 Quantitative on the Graduate Record Examination (GRE); or, for **individuals seeking Georgia certification in School Counseling:** Passing scores on all three tests within the GACE Program Admission assessment [Reading (200), Mathematics (201), and Writing (202)] are required. The GACE Program Admission tests may be exempted if the applicant holds a current or expired Georgia Clear Renewable (professional) certification or sufficient scores are obtained on the SAT® (1000 Verbal/Critical Reading, and Math), ACT® (43 English and Math), or GRE® (1030 Verbal and Quantitative; after 8-1-11, 297 Verbal and Quantitative). **Individuals seeking School Counseling certification in other states** must provide passing scores on the Praxis® Core Academic Skills for Educators (Core) [Reading (156), Mathematics (157), and Writing (162)] are required. Students who enroll in the School Counseling but later apply to change concentrations must provide MAT or GRE scores. Students who enroll in the School Counseling but later apply to change concentrations must provide MAT or GRE scores.

Provisional Admission:

- An undergraduate degree from a regionally accredited institution with an undergraduate grade point average of 2.2 or higher;
- A minimum score of: 374 on the MAT or 143 verbal and 138 quantitative on the GRE; or, for **individuals seeking Georgia certification in School Counseling**: Passing scores on all three tests within the GACE Program Admission assessment [Reading (200), Mathematics (201), and Writing (202)] are required. The GACE Program Admission tests may be exempted if the applicant holds a current or expired Georgia Clear Renewable (professional) certification or has obtained sufficient scores on the SAT® (1000 Verbal/Critical Reading, and Math), ACT® (43 English and Math), or GRE® (1030 Verbal and Quantitative; after 8-1-11, 297 Verbal and Quantitative). **Individuals seeking School Counseling certification in other states** must provide passing scores on the Praxis® Core Academic Skills for Educators (Core) [Reading (156), Mathematics (157), and Writing (162)] are required. Students who enroll in the School Counseling track but later apply to change tracks must provide MAT or GRE scores.
- A student remains in the provisional academic status until the Counselor Education admission requirements are met and the student is notified in writing of the approval of a change in status by the Graduate School. Applicants admitted in this status may not enroll in Area C courses until Regular admission status is attained.

Readmission:

- Candidates who have not been in attendance in the Counselor Education Program for two semesters must apply through the Graduate Admissions Office for readmission.
- Candidates who have not been in attendance in the Counselor Education Program for three or more semesters must apply for readmission and complete a successful interview with the Counselor Education admission committee.

Course Offerings

Upon admission to the Counselor Education program, each student is assigned a Faculty Advisor. The Advisor assists the student with program planning and approval; collaborates with the student to monitor the student's progress; approves the selection of courses each semester; determines readiness for practicum and internship (COUN 5570 and COUN 5595); and completes the student's graduation audit.

Seven hundred (700) hours of clinical fieldwork experiences are required. When students enroll in COUN 5512 (or COUN 5570, for advanced students) and COUN 5595 a clinical fee of $125.00 is assessed in addition to tuition. Both a criminal background check and proof of professional counselor's liability insurance are required to enroll in field work (COUN 5570 and COUN 5595) classes.

The sixty semester hour, online Counselor Education Program's core curriculum consists of 48 semester hours of required coursework that is completed by all majors, regardless of concentration. Each concentration consists of an additional 12-15 semester hours of required coursework. The curriculum is structured so that the core curriculum is completed in Areas A, C, and D; specialization courses are offered in Area B.

Courses Required for Certification and Degree Programs

Code	Title	Semester Hours
Area A: Foundations (21 Hours)		
COUN 5000	Introduction to Counseling Profession	3
COUN 5500	Theories of Counseling	3
COUN 5501	Lifespan Development	3
COUN 5520	Multicultural Counseling Theory and Practice	3
COUN 5540	Prevention, Intervention, and Consultation	3
COUN 5600	Legal and Ethical issues in Counseling	3
COUN 5610	Crisis Counseling and Intervention	3
EDUC 5199	Orientation to Adv Prof Educ	0
Area B: Nature of the Learner (12-15 Hours)		12-15
School Counseling		
COUN 5506	School Counseling Foundations	
COUN 5514	Counseling Children and Adolescents	
COUN 5528	School Counseling P-12	
COUN 5529	School Counseling Curriculum and Program Coordination (Clinical Mental Health)	
SPED 5501	Exceptional Child	
Clinical Mental Health Counseling		
COUN 5508	Introduction to Mental Health Counseling	
COUN 5560	Diagnosis and Treatment	
COUN 5561	Psychopharmacology	
COUN 5519	Addiction Counseling	
Clinical Rehabilitation Counseling		
COUN 5504	Foundations of Rehabilitation Counseling	
COUN 5550	Medical and Psychosocial Aspects of Disability I	
COUN 5525	Case Management	
COUN 5532	Vocational Development and Placement	

Area C: Clinical Skills (21 Hours)		
COUN 5512	Counseling Strategies and Techniques	3
COUN 5515	Group Counseling and Dynamics	3
COUN 5517	Couples and Family Counseling	3
COUN 5531	Career Development and Counseling	3
COUN 5570	Practicum	3
COUN 5595	Internship	3
COUN 5598	Internship II	3
Area D: Research (6 Hours)		
Select 6 semester hours from the following:		6
COUN 5510	Assessment in Counselor Education	
COUN 5620	Research and Program Evaluation for Counselors	
COUN 5596	Thesis	
Area E: Electives		
COUN 5001	Introduction to Professional Writing	
COUN 5002	Professional Issues in Counseling	
COUN 5551	Medical and Psychosocial Aspects of Disability II	
COUN 5575	Selected Topics in Counseling	
Any Area B course in a different specialization may be used here.		
Total Semester Hours		60-63

Educational Leadership Tier I, Master of Education

Degree Program

The graduate program in Educational Administration & Supervision leads to a Master's Degree and Tier I Certification in Leadership. The M.Ed. planned degree program lists a minimum of 33 semester hours of coursework and clinical experience to be completed within six years from the date of enrollment. A maximum of nine semester hours may be earned as transfer credits. These credits must be indicated on the student's planned program during the first semester of enrollment as a graduate student admitted in full status. Students are expected to confer with their advisor each semester. They should complete and sign the planned program with their advisor. In advance of the expected date of graduation, the student is expected to apply for graduation with the Office of the Registrar, as well as certificate upgrade in the education office.

Both degree & certification only Tier I Leadership Programs prepare candidates for advanced leadership positions that include P-12 school level positions below the principal and district level positions that do not supervise principals.

ADVISEMENT

After the student has been admitted to the Master's Program, the departmental chairperson will appoint an advisor. The advisor will assist the student in developing an individualized program that meets degree and certification requirements.

PROGRAM COMPLETION

To be eligible for the Master's Degree and recommendation for leadership certification by Albany State University, the student must have met the following::

1. Fulfilling requirements after admission to the program. Transfer credits must be approved during first semester of enrollment.
2. Complete useable credits within six years of admission and completion.
3. A maximum of 9 semester hours of transfer credits from a Georgia Professional Standards Commission approved institution offering a Master's Degree may be approved for inclusion in the planned Master's Program. Such credits must be approved by the chair of the department.
4. Only credits with grades of "B" or better are accepted in the Master's Program.
5. The student's master's program must include a minimum of 33 hours of course work. This includes a minimum of 250 clock hours of clinical experiences, performed at elementary, middle and high school levels.
6. Except for a maximum of 9 semester hours of transfer work, all credits used in the Master's Program must be earned in residence at Albany State University.
7. Successful completion of the GA Ethics for Educational Leadership Assessment Entry Exam (370).
8. Successful completion of the GA Ethics for Educational Leadership Assessment Exit Exam (380).
9. Successful completion of the GACE Educational Leadership Content Assessment (301).

Admission Requirements

The candidate must have:

1. 2.5 minimum overall undergraduate grade point average (GPA).
2. 3.0 minimum cumulative graduate grade point average
3. Initial teaching certification. (Applicants without initial Georgia Certification must complete additional requirements).
4. Three letters of recommendations with one from immediate supervisor.
5. Three years of educational experience.
6. Evidence of successful completion of GACE Program Admission, usually satisfied with initial certificate. **(Applicant's not meeting this requirement will be admitted provisionally and required to satisfy the requirement during their first semester of enrollment)**
7. Evidence of the GA Ethics for Educational Leadership Assessment Entry Examination (370). **(Applicants not meeting this requirement will be admitted provisionally and required to satisfy the requirement during their first semester of enrollment)**
8. Evidence of meeting special education requirement. **(Applicants not meeting this requirement will be admitted provisionally and required to satisfy the requirement during their first semester of enrollment).**

Code	Title	Semester Hours
LEAD 5505	Introduction to Leadership	3
LEAD 5512	Integrating Technology I For Educational Leadership	3
LEAD 5525	School & Community Partnership	3
LEAD 5535	Ethical & Legal Aspects of Edu	3
LEAD 5545	Curriculum, Instructional Leadership & School Improvement	3
LEAD 5555	Preparing Educational Leaders for Diversity	3
LEAD 5575	Managing Human & Fiscal Resources in Schools	3

LEAD 5585	School Safety, School-wide Discipline & Classroom Management	3
EDUC 5500	Educational Statistics	3
EDUC 5502	Action/Classroom Research	3
SPED 5547	Behavior Management of Exceptional Children	3
or SPED 5501	Exceptional Child	
EDUC 5199	Orientation to Adv Prof Educ	0
Total Semester Hours		33

TIER I MASTER'S CERTIFICATION ONLY 18 semester hrs.

(Certificate can only be added to an existing master's, six or seven year certificate)
Admission Requirements same as required for admission to the 33 semester hour degree program

Code	Title	Semester Hours
LEAD 5505	Introduction to Leadership	3
LEAD 5535	Ethical & Legal Aspects of Edu	3
LEAD 5545	Curriculum, Instructional Leadership & School Improvement	3
LEAD 5555	Preparing Educational Leaders for Diversity	3
LEAD 5575	Managing Human & Fiscal Resources in Schools	3
LEAD 5585	School Safety, School-wide Discipline & Classroom Management	3
EDUC 5199	Orientation to Adv Prof Educ	0
Total Semester Hours		18

Educational Leadership Tier II, Educational Specialist

The Educational Specialist Program in Educational Administration and Supervision leads to a Specialist degree in Education (Ed.S) and a Tier II performance-based certification in the state of Georgia. Tier II, or advanced level certification, in the field of educational leadership prepares candidates for advanced leadership positions that include P-12 school level principals or the equivalent, superintendents, or other LUA staff who supervise principals. The program includes a personalized set of field and clinical experiences designed to assist students in developing a high level of knowledge, skills and dispositions as school principals, curriculum directors, subject area supervisors, central school district administrators and supervisory staff members.

The program is designed for persons who have a master's degree, master's level certification in Leadership and is in a leadership position in a P-12 school. A minimum of 27 semester hours of graduate credit beyond the Master's Degree is required to complete the program. Only those courses taken after admission to the Ed.S. program may be used to fulfill the requirements of the Ed.S. degree, which includes applicable transfer credits. Credits usable in the planned program must not be more than six years old at the time the degree is completed. A maximum of 6 semester credit hours of transfer credit from a Georgia Professional Standards Commission approved institution offering the performance-based Ed.S degree may be approved for inclusion in the planned Ed.S. Program.

Advisement

After the student has been admitted to the Ed.S. Program, the departmental chairperson will appoint an advisor. The advisor will assist the student in developing an individualized program that meets degree and certification requirements.

Program Completion

To be eligible for the Ed.S. Degree and recommendation for leadership certification by Albany State University, the student must have met the following requirements:

1. Fulfilled all requirements. (Applicable transfer credit must be approved during first semester of enrollment).
2. Complete useable credits within years of admission and completion.
3. A maximum of 6 semester hours of transfer credits from a Georgia Professional Standards Commission approved institution offering a performance-based Ed.S. degree may be approved for inclusion in the planned Ed.S. Program. Such credits must be approved by the chair of the department.
4. Only credits with grades of "B" or better are accepted in the Ed.S. Program.
5. The student's Ed.S. program must include a minimum of 27 hours of course work with at least 50% of the course work being performance. This Includes a minimum of 750 clock hours of clinical experiences, performed at elementary, middle and high school and central office.
6. Except for a maximum of 6 semester hours of transfer work, all credits used in the Ed.S. program must be earned in residence at Albany State University
7. Successfully complete the Performance Assessment for School Leaders (PASL)

Admission Requirements

PHASE I

1. Minimum grade point average of 3.0.
2. Official transcripts from each college/university
3. Master's Degree
4. Certification in Educational Leadership (TIER I)
5. Minimum of three years of educational experience (teaching and/or leading).
6. Three recommendations with one from immediate supervisor.
7. Writing sample (Completed during orientation during first semester of enrollment).
8. Currently in a leadership position

* Please note: Submission of above documents does not guarantee admission to the program

PHASE II (Face-to-Face)

1. Invitation to participate.
2. Interview, i.e., individual, group.
3. In basket activities.
4. On-demand writing assessment.
5. Superintendent's Assurance Form.
6. District Partnership Agreement.

Program of Study

TIER II COHORT DEGREE PROGRAM (27 HRS)

Code	Title	Semester Hours
LEAD 6001	Orientation and Introduction to School Leadership	1
LEAD 6006	Leading through Mission, Vision, and Core Values	2
LEAD 6011	Leading Through Professional Learning	2
LEAD 6016	Leading Through Teams and Collaborative Work	2
LEAD 6021	Clinical Practice 1	2
LEAD 6026	Leading School Improvement	2
LEAD 6031	Leading Teaching and Learning	2
LEAD 6036	Leading Through Organization and Management	2
LEAD 6041	Clinical Practice II	3
LEAD 6046	Leading a Culture that Supports Student Learning and Well-Being	2
LEAD 6051	Leading Through Family and Community Engagement	2
LEAD 6056	Leading and Advocating for Ethics and Equity	2
LEAD 6061	Clinical Practice III	3
LEAD 6199	Orientation to Educational Specialist Program [1]	0
Total Semester Hours		27

TIER II CERTIFICATE ONLY PROGRAM (21 HRS)

Certificate can only be added to an existing graduate certificate Admissions Requirements same as required for admission to the 27 hour degree program.

Code	Title	Semester Hours
LEAD 6001	Orientation and Introduction to School Leadership	1
LEAD 6006	Leading through Mission, Vision, and Core Values	2
LEAD 6011	Leading Through Professional Learning	2
or LEAD 6016	Leading Through Teams and Collaborative Work	
LEAD 6021	Clinical Practice 1	2
LEAD 6026	Leading School Improvement	2
LEAD 6031	Leading Teaching and Learning	2
LEAD 6036	Leading Through Organization and Management	2
LEAD 6041	Clinical Practice II	3
LEAD 6046	Leading a Culture that Supports Student Learning and Well-Being (OR LEAD 6051 OR LEAD 6056)	2
LEAD 6061	Clinical Practice III	3
LEAD 6199	Orientation to Educational Specialist Program [1]	0
Total Semester Hours		21

[1] Not needed if EDUC 2199 or EDUC 5199 completed.

Criminal Justice, Master of Science

Introduction

The Department of Criminal Justice at Albany State University offers a 30 semester hours Master of Science degree in Criminal Justice delivered both face-to-face and fully online with concentrations in Law Enforcement, Corrections, Forensic Science and Public Administration. The M.S. degree program is designed to prepare students for professional careers within the criminal justice system and related fields. Theoretical, methodological and philosophical understanding of the criminal justice system is stressed during the matriculation process. As a result, students are well-prepared for careers in criminal justice and related fields. Those seeking advanced graduate education beyond the Master's degree level will be able to compete successfully with graduates from other schools and disciplines.

The philosophy and objectives embraced by the Criminal Justice Department are to educate students in such a way to channel their talents and capabilities toward the enrichment of the Community, state and the nation. Embracing this idea, the Department strives toward the broad-based development of the individual to meet the technological and legal complexities of a modern democratic society.

With only a 30 semester hour requirement for program completion, including Thesis or None Thesis option, students must successfully complete a comprehensive examination in core, statistics/methodology and a chosen area of specialty. The comprehensive examination is administered after the student has completed the core courses and three courses in a chosen area of specialty. A grade of B or better must be earned for each course and 3.0 grade point average must be maintained in order to remain in the program.

The Corrections and Law Enforcement concentrations are offered fully online.

The Master of Science in Criminal degree program can be completed in one year for seriously committed students as follows:

- Fall semester: A Term-6 hours; B Term-6 hours; Total for semester = 12 hours
- Spring semester, A Term-6 hours, B Term-6 hours; Total spring semester= 12 hours
- Summer semester- 6 hours

Transfer of Credit

Transfer students from other accredited graduate programs may not apply any course work toward the Master of Science degree. Transfer credits may not be used to satisfy the core requirements.

Transient Students

Transient enrollment status is provided to those persons currently enrolled in a graduate degree program at another institution who are interested in enrolling for only one semester in the department. Students must meet the general entrance requirements of the Department and University. Furthermore, these students must have a 3.0 average in all graduate work undertaken at other institutions before they will be accepted in the transient status.

Financial Assistance

Acceptance into the graduate program does not presume that financial assistance will be awarded. Students seeking financial assistance should file their completed applications with the Office of Financial Aid, the Graduate Admissions Office and the Criminal Justice Department.

For Additional Information, contact:

George Thomas, Ph.D.
Graduate Program Coordinator
Department of Criminal Justice
Albany State University
504 College Drive
Albany, Georgia 31705
Phone: (229) 500-2171

george.thomas@asurams.edu

Admission Requirements

1. Baccalaureate degree from an accredited college or University
2. Official transcripts from all institutions attended
3. Applicants whose undergraduate degree was not in Criminal Justice are required to complete 6 semester of required undergraduate criminal justice pre-requisites and must earn a B or better in those courses.
4. Applicants admitted on provisional basis must complete 9 hours of Criminal Justice core courses with a B or better and must have a 3.0 or better grade point average
5. Graduate Record Examination (GRE) or Miller Analogies Test (MAT) tests are accepted.
6. Two letters of recommendation

For regular admissions, the candidate must have a 3.5 GPA or above.

For provisional admission, the candidate must have a 3.0-3.4 GPA.

For candidates under 3.0 GPA must take either GRE or MAT, GRE combined scores 250 or higher or MAT combined scores 350 or higher for provisional admission.

Program of Study/Curriculum

Courses must be completed with a grade of 'B' or better.

Code	Title	Semester Hours
Core Courses		
CRJU 5100	Foundations of Criminal Justice	3
CRJU 5110	Theory and Philosophy of Criminal Justice	3
CRJU 5400	Organization and Administration of Criminal Justice System	3
CRJU 5600	Reasearch Methodology In Criminal Justice	3
CRJU 5610	Research Statistics in Criminal Justice	3
Concentration (see Specialty Areas Tab)		9
Thesis or Non-Thesis Option (Select One Pair of Courses)		6
Thesis Option		
CRJU 7001 & CRJU 7002	Thesis Seminar and Thesis	
Non-Thesis Option		
CRJU 7003 & CRJU 7004	Technology and Criminal Justice and Criminal Justice Program Evaluation	
Total Semester Hours		30

Criminal Justice Specialty Areas

In addition to core courses, students must complete 9 semester hours in one of the four specialty areas:

1. corrections,
2. forensic sciences,
3. law enforcement and
4. public administration.

Online program offers only corrections and law enforcement specialties. Course work that is six years or older cannot be applied to the Master of Science in Criminal Justice. All course work must be completed with a grade of 'B' or better.

Forensic Science Specialty

The Master of Science in Criminal Justice with a concentration in Forensic Science is designed for students who possess the equivalent of a baccalaureate degree from forensic science, forensic chemistry, chemistry or criminal justice with a minor in forensic science or chemistry. This concentration will also provide the necessary skills to the criminal justice master's degree students who do not have their baccalaureate degree in forensic science but wish to advance their career in the management of forensic science laboratories as directors and supervisors.

Required Forensic Science Courses

Code	Title	Semester Hours
Select 9 semester hours from the following (in any combination):		9
FOSC 6001	Survey of Advanced Forensic Science	
FOSC 6009	Advanced Toxology (w/lab)	
FOSC 6012	Advanced Trace and Transfer Evidence/Forensic Electron Microscopy (w/lab)	
FOSC 7000	Advanced Ballistics and Associated Technologies (w/lab)	
Total Semester Hours		9

Law Enforcement Specialty

A concentration in law enforcement will enable students to comprehend the organizational workings of police agencies, how various theories are translated into these agencies and how the organization interfaces with other units of the criminal justice system. An emphasis on leadership, planning and the broader management function is the hallmark of this concentration.

Required Law Enforcement Courses

Code	Title	Semester Hours
Select 9 semester hours from the following (in any combination):		9
CRJU 6000	Survey of Law Enforcement	
CRJU 6100	Policing in a Democratic Society	
CRJU 6110	The Social Service Role of Criminal Justice Personnel	
CRJU 6120	Law Enforcement Operations	
CRJU 6200	Management Science	
Total Semester Hours		9

Public Administration Specialty

This concentration represents an interdisciplinary collaboration between the Departments of Criminal Justice and Forensic Science, and Public Administration. It is expected to provide additional career options for students in both programs. A concentration in Public Administration is designed to prepare students in evaluating and managing public agencies. This concentration prepares students with the managerial skills necessary to investigate and effectively manage organizational problems common to criminal justice agencies. This component of the Master of Science degree program includes an understanding of public and personnel administration and evaluation of criminal justice programs.

Required Public Administration Courses

Code	Title	Semester Hours
Select 9 semester hours from the following (in any combination):		9
PADM 5011	Public Administration: Scope, Development, and Ethical Environment	
PADM 5213	Legal Environment of Public Human Resources Management	
PADM 5262	Public Human Resources Management	
PADM 5781	Introduction to Public Policy	
Total Semester Hours		9

Corrections Specialty

The correctional emphasis focuses on the philosophical purpose and meaning of corrections to the system and community-based treatment programs. The underlying thrust of this concentration is to impart theoretical and applied knowledge on the organizational, legal and social aspects of contemporary correctional agencies. Specialization in corrections will prepare students for careers as parole officers, corrections supervisors, prison administrators and effective case workers in community-based treatment programs.

Required Corrections Courses

Code	Title	Semester Hours
Select 9 semester hours from the following (in any combination):		9
CRJU 6110	The Social Service Role of Criminal Justice Personnel	
CRJU 6400	Foundations of Corrections	
CRJU 6410	Administration of Psychological Tests	
CRJU 6420	Interviewing and Counseling	
CRJU 6430	Rehabilitation and Treatment	
CRJU 6440	Management of Correctional Institutions	
Total Semester Hours		9

CRJU 5100. Foundations of Criminal Justice. (3 Credits)
A survey of the total criminal justice system including crime causation, police, courts, corrections, and juvenile delinquency, private security, research and planning.

CRJU 5110. Theory and Philosophy of Criminal Justice. (3 Credits)
This course is an overview of the history, philosophy, and practices of the criminal justice system. The course will provide an introduction to major theories of the policy making process, examines methods of policy analysis, and apply these methods to the study of contemporary criminal justice issues. Emphasis will be placed on professional ethics, the nature of law and punishment, the overview of the criminal justice system; law enforcement; court system; and how criminal justice problems are conceptualized and brought to the attention of policymakers, how policy unfolds, and how these responses are implemented, evaluated and revised overtime.

CRJU 5400. Organization and Administration of Criminal Justice System. (3 Credits)
A study of theories of bureaucracy, the exercise of power, and the functional relations between police, courts, and corrections.

CRJU 5600. Reasearch Methodology In Criminal Justice. (3 Credits)
A study of theory construction, hypothesis development, operationalization, and modes of data collection.

CRJU 5610. Research Statistics in Criminal Justice. (3 Credits)
An examination of parametric and non-parametric statistical methods, inferential statistics, tests of significance, and hypothesis testing.

CRJU 6000. Survey of Law Enforcement. (3 Credits)
This course provides a comprehensive and advanced overview of the law enforcement systems in the United States focusing on local, county, state, and federal law enforcement agencies. The course will examine divergent philosophies, models and various operational systems of law enforcement agencies and allows students to gain a deeper understanding of law enforcement practices, duties, and responsibilities encountered as engaged by law enforcement professionals at various levels of operations. The course will also focus on the overlapping functions, conflicts and contradictions as well as some ethical issues and dilemmas associated with law enforcement practices and operations.

CRJU 6100. Policing in a Democratic Society. (3 Credits)
A study of the conflict between individual liberty and social control agencies, public acceptance of the order maintenance function of the police, the pros and cons of present limitations on police authority.

CRJU 6110. The Social Service Role of Criminal Justice Personnel. (3 Credits)
A study of the officer's role in the field of social service to the community. Topics covered are human relations, social dynamics and crisis management. Police responsibilities to the elderly, juveniles and the mentally disturbed are stressed.

CRJU 6120. Law Enforcement Operations. (3 Credits)
An examination of law enforcement responsibilities and the allocations of resources to meet the role. Topics covered include managing criminal investigations, patrol operations, crime prevention, mass media relations and criminal court procedures.

CRJU 6200. Management Science. (3 Credits)
This course focuses on the implementation of criminal justice policies, planning, criminal justice management, decision-making and communications as basic management activities, budgetary processes and personnel management.

CRJU 6400. Foundations of Corrections. (3 Credits)
A survey of the history of punishment, prisons and penology in America. The social, intellectual and institutional environment in which corrections evolved is discussed. Analysis of the punishment experience as see by prison officials and offenders.

CRJU 6410. Administration of Psychological Tests. (3 Credits)
Supervised training in the administration, scoring and interpretation of tests of intelligence, aptitude, interest and personality.

CRJU 6420. Interviewing and Counseling. (3 Credits)
An examination of the purpose and principles of effective interviewing. Analysis of individual problems and the process of problem-solving with criminal justice clients. Emphasis is placed on learning experiences to help unmotivated, involuntary clients.

CRJU 6430. Rehabilitation and Treatment. (3 Credits)
Development of frame of reference for rational treatment of offenders through description, examination and practice of treatment methods. Analysis of methods employed by correctional institutions to prepare inmates for reintegration into their environment upon release is also included.

CRJU 6440. Management of Correctional Institutions. (3 Credits)
An analysis of the organization and management of various types of correctional facilities. Focus is on personnel selection and training, legal and administrative requirements, security, maintenance, program implementation and staffing.

CRJU 7001. Thesis Seminar. (3 Credits)
The purpose of the thesis is to apply theories and techniques to relevant questions in the discipline of criminal justice. Students should pose the research question in the context of the police, the courts or corrections. The thesis topic must be approved and evaluated by the advisor.

CRJU 7002. Thesis. (3 Credits)
This course includes the analysis of data collected from appropriate research designs including computer analysis and appropriate statistical tests of significance, or a review of literature and theories or concepts that lend themselves to a thesis topic.

CRJU 7003. Technology and Criminal Justice. (3 Credits)
This course familiarizes graduate students with the various uses of technology in the criminal justice system and raises ethical and legal issues with its use. Students in the non-thesis option may substitute MGMT 6205 Management Information Systems or PADM 6011 Computer Applications for Public Administration.

CRJU 7004. Criminal Justice Program Evaluation. (3 Credits)
This course is designed to familiarize students with techniques that are utilized in evaluating the effectiveness of public programs and policies. The course is appropriate for all non-thesis graduate students. Students may substitute PADM 5823 Public Program Evaluation for the course.

Master of Business Administration (MBA)

The Department of Business Administration in the College of Professional Studies offers the Master of Business Administration (MBA) Degree program with concentrations in Accounting, Healthcare Administration, Supply Chain and Logistics Management, and Public Administration. The general MBA and MBA in Public Administration is a 30-semester hour graduate degree program, while the MBA with concentrations in Accounting, Healthcare Administration and Supply Chain and Logistics Management is a 33-semester hour graduate degree program.

The MBA Mission

The faculty and staff of the Department of Business Administration in the College of Professional Studies are firmly committed to offering a real-world graduate degree program for business professionals who seek advancement to middle and upper-level management positions. The program is also designed to meet the academic needs and expectations of new undergraduate degree holders. The MBA program's fundamental purpose is to develop professional managers/leaders capable of making valuable contributions to the sustainability and growth of their chosen organizations.

The program's primary geographic focus has been individuals located throughout the Albany, Georgia metropolitan area, Southwest Georgia and the Southeastern United States. With distance learning opportunities and other technological advancements such as online courses, the program aims to reach out to business professionals throughout the country and the world.

MBA Program Goals and Objectives

MBA students have the opportunity to acquire the knowledge, skills, and leadership competencies to perform effectively in complex and rapidly changing environments. They are able to develop strategies and to respond proactively to business challenges and opportunities.

Graduates learn to integrate functional expertise in seamless organizations and to create high-performance, pluralistic organizational cultures appropriate to the business environment. Such cultures generate the best possible solutions to problems, facilitate the development of truly innovative products and services that allow organizations to compete in global markets, and give every employee the opportunity to contribute their very best and thus promote above-average returns for the business.

MBA Student Learning Goals and Objectives

- **Communication**
  Students will be able to compare and contrast business issues and solutions effectively in a professional manner both orally and in writing using appropriate word choice, tone, and grammar.
  - **Objective 1**
    Students will be able to make oral presentations using appropriate technology in a professional businesslike manner.
  - **Objective 2**
    Students will be able to prepare a written business report.
- **Leadership**
  Students will apply leadership and team building skills to support career growth and preparation for management (executive) responsibilities/challenges.
  - **Objective**
    Students will apply collaborative and interpersonal skills to work effectively in teams (manage and organize) to solve business problems.
- **Managerial Knowledge**
  Students will evaluate broad knowledge across core business disciplines to interpret and explain problems in the business environment.
  - **Objective**
    Students will evaluate strategic knowledge across business disciplines and apply this knowledge to decision making by evaluating evidence and selecting among alternatives that reflect the cross functional nature of management processes.
- **Business Analytics**
  Students will be able to appraise business problems, generate potential solutions, and choose an appropriate course of action, using appropriate tools and techniques.
  - **Objective 1**
    Students will examine and interpret appropriate analytical/statistical estimates to make sound business decisions across disciplines.
  - **Objective 2**
    Students will demonstrate business judgment and rationality when synthesizing data to arrive at appropriate conclusions and strategies.
  - **Objective 3**
    Students will apply a high level of skills in problem solving/decision making in unfamiliar circumstances through an understanding of relevant disciplines and application of appropriate techniques to generate sound business decisions.
- **Ethical Practice**

Students will use their understanding of ethical theories and models to make ethical decisions from both domestic and global perspectives.

- **Objective 1**
  Students will be able to examine ethical issues and respond to ethical problems within a business context.
- **Objective 2**
  Students will be able to assess how legal/ethical/regulatory issues impact their careers/professions both at individual and corporate levels.

Effective January 2015, The Accreditation Council for Business Schools and Programs (ACBSP) Baccalaureate/Graduate Degree Board of Commissioners reaffirmed accreditation of the MBA Degree Program. The MBA program, as well as the undergraduate degree programs of the college, were first accredited by ACBSP in 1994. The MBA program, as well as the College's undergraduate degree programs, is accredited by SACS Commission on Colleges.

Admission Requirements

All students must meet the following requirements before acceptance into the MBA program:

- Baccalaureate degree earned in any field from a regionally accredited college or university
- Submission of completed application for admission
- An official copy of academic transcripts from all colleges and universities attended
- Two letters of reference that focus on the candidate's potential success in graduate education
- A 1000 word statement of purpose.
- If English is not the applicant's first language, the Test of English as a Foreign Language (TOEFL) score is required and considered pursuant to the International Student requirements below.

International Student Admission Requirement

International applicants are strongly encouraged to apply for admission to Albany State University's Graduate Programs in Business. In addition to the standard application procedure, there are several additional steps that must be taken.

- Statement of Financial Responsibility
- Affidavit of Support
- TOEFL - Must be submitted unless English is the native language. Minimum scores: 500 (Paper Based Test), 173 (Computer Based Test), 61 (Internet Based Test)
- WES - (Evaluation of Foreign Educational Credentials) - Transcripts from institutions outside the United States must first be submitted to World Education Services, Inc. for a course by course evaluation before being mailed to the Director of Admissions
- VISA / PASSPORT copy
- Certificate of F-1 eligibility
- I-20 (If you are coming from another U.S institution, a copy of your I-94 and I-20 are required). Once the applicant's file is completed and an admission decision has been made, the International Student Coordinator will send the student an I-20 Form, enabling the student to Apply for a VISA

Regular Admission

Regular admission to the MBA degree program is granted to those applicants who meet the above general requirements and have earned a minimum undergraduate grade-point average (GPA) of 3.0 on a 4.0 scale over the last 60 hours of undergraduate enrollment.

Applicants who have completed a business-related master's or higher degree from a regionally accredited college or university may be admitted unconditionally. (An official transcript showing completion of a master's or higher degree will be required.)

Provisional Admission

"Provisional Admission" to the MBA degree program is granted to those applicants who fail to meet the minimum 3.0 (GPA) for regular admission. To be accepted provisionally, the applicant must have an overall *(GPA) between 2.5-2.99 on a 4.0 scale from a regionally accredited college or university earned during the student's last 60 hours of enrollment. (Those earning below a 2.5 GPA will not be admitted to the MBA program.).

MBA students in provisional admission status are eligible to take 9 semester hours of approved MBA graduate level courses and must earn a minimum grade of "B" in each of their approved three initial, consecutive MBA courses, in order to be eligible for consideration for "regular admission."

A grade of less than "B" in any one of these courses will result in termination from the program. (MBA courses or other graduate level courses taken prior to being granted provisional status do not count toward fulfilling the requirement of three consecutive courses with a minimum grade of "B" in each course). Students not satisfying the conditional admission requirements will be dropped from the university for one calendar year but may apply once for readmission to the MBA program.

Non-Degree Program

Applicants not desiring to seek an MBA, but who only want to take graduate MBA courses may be admitted in non-degree status for a maximum of nine semester hours of coursework. These courses will not count toward an MBA degree at ASU. The applicant for such non-degree courses must have either earned a baccalaureate degree or have senior undergraduate standing with at least an overall 3.0 institutional GPA and approval of the Dean of the College of Professional Studies. The non-degree status allows a student to develop proficiency in a particular area of interest or to work on certifications; it is not considered an admission status to the MBA Program.

A student admitted to the graduate program remains in the original academic status at the time of admission, until notified in writing by the Office of the Graduate Admissions of the approval of a change in status.

Transient Admission

MBA or Master-level students in good standing enrolled in a graduate-level degree program at another university may enroll in the ASU MBA program as a transient student. No more than nine hours of MBA coursework can be taken in transient status.

Planned Degree Program

Within the first semester of being admitted into "regular admission status", the student is required to complete a planned degree program of study with the advice and approval of the MBA Director. Copies of

this plan will be filed with the Graduate Admissions Office and the MBA Director's Office. An application for graduation must be completed at least one semester prior to the anticipated semester of graduation. The original copy of the approved degree program is to be submitted with the application for graduation. The graduation application is obtained from the Office of the Registrar.

Advisement

Upon admission to the program, each student will be advised by the MBA Director who, in consultation with the student, will plan the program of study and provide continued supervision and guidance.

MBA Orientation

New Students are required to attend an Orientation Session at the beginning of the semester (usually within the first two weeks).

MBA Degree Options

- General MBA (30 semester hours)
- MBA with Accounting Concentration (33 semester hours)
- MBA with Healthcare Management Concentration (33 semester hours)
- MBA with Supply Chain & Logistics Concentration (33 semester hours)
- MBA with Public Administration Concentration (30 semester hours)

MBA Prerequisites

All students without a Bachelor of Science Degree in Business Administration or with a Bachelor of Science Degree in Business Administration which is more than five years old, need to take and pass the In-Bound Entrance Exam offered by Peregrine Assessments. If the student is unsuccessful in earning a passing grade in any of the modules (consisting of management, quantitative analysis, finance and accounting, economics and marketing), he/she must complete Peregrine's Academic Leveling Courses before registering for the MBA courses.

Academic Standing

The College of Professional Studies is committed to offering high-quality, academically rigorous graduate degree courses in Business Administration. A minimum of a 3.0-grade point average is required for graduation. A student who does not maintain a 3.0 GPA will be placed on scholastic warning. The Dean of the Graduate School will issue an official warning. A grade of "D" in any MBA course is unacceptable, and the course must be repeated.

MBA Capstone Project

A critical component of the MBA curriculum constitutes the MBA Capstone Project. Students entering the program effective Fall 2015, are required to complete an MBA Capstone Project and present it before the faculty and/or area business professionals in their final graduating semester. The Capstone project should demonstrate the ability to integrate knowledge gained from the courses completed and apply it to a practical business-related problem.

Scholastic Termination

An MBA student's enrollment will be terminated from the program for any one of the following reasons:

- Failure to achieve a 3.0 cumulative GPA by the end of the next nine semester hours of enrollment immediately following scholastic warning;
- Failure to achieve a grade of "B" or better in each course for the first nine semester hours taken under provisional admission status;
- Earning an "F" in any graduate MBA course;
- Failure to earn a grade higher than "D" in the first re–attempt of a course in which a grade of D was made;
- Failure to complete and pass the MBA Capstone Project. (Students have two chances to pass the MBA Capstone before termination is affected.)

Credit Load

The normal MBA course load is 6 hours per semester with full-time students taking 12 hours. Authorization from the Dean of the College of Professional Studies is required for a course load above 12 semester hours.

Time Limit for Completion of Degree

The maximum time allowed for the completion of the MBA degree is six (6) calendar years from admission into the program under either provisional or regular status. Students inducted into military service, or subjected to other circumstances beyond their control, may apply to the Dean of the College of Professional Studies for an extension of time.

Transfer and Other Credit

A minimum of 27 semester hours of the Master's degree program required courses must be earned in coursework offered by Albany State University. All graduate programs require a minimum of 30 semester hours. A maximum of six credit hours of graduate-level work may be transferred from another accredited institution to the MBA program for the purpose of partially fulfilling requirements for the MBA degree. All transfer and other credits are subject to the following requirements:

- For graduate level courses, only those in which a grade of "B" or better was earned and coursework offered for transfer credit must not have been used in fulfillment of another degree.
- At the time of application, a petition for transfer credit must be filed with the MBA director along with a copy of the course description for the institution's academic catalog.
- The graduate program required course must be less than 6- year-old by date of graduation.

MBA, General Curriculum (30 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MKTG 6170	Marketing Management	3
Select any three (3) 6000 Level Management Electives		9
BUSA 6105	International Business	

MGMT 6105	The Legal Enviroment of Business	
MGMT 6120	Leadership	
MGMT 6125	Human Resource Management	
MGMT 6127	Small Business Management and Entrepreneurship	
Total Semester Hours		30

General MBA Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MKTG 6170	Marketing Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6000 Level Elective		3
	Semester Hours	12
Spring		
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
ECON 6106	Economics for Managers	3
MGMT 6000 Level Elective		3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
MGMT 6000 Level Elective		3
	Semester Hours	6
	Total Semester Hours	30

Management Electives

Code	Title	Semester Hours
BUSA 6105	International Business	3
MGMT 6105	The Legal Enviroment of Business	3
MGMT 6120	Leadership	3
MGMT 6125	Human Resource Management	3
MGMT 6127	Small Business Management and Entrepreneurship	3

MBA, Accounting Curriculum (33 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
FINC 6101	Financial Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MGMT 6108	Quantitative Methods for Managers	3
MKTG 6170	Marketing Management	3
Required Accounting Electives		
ACCT 6102	Managerial/Cost Accounting II	3
ACCT 6112	Advanced Auditing I	3
ACCT 6131	Advanced Accounting I	3
ACCT 6141	Municipal Accounting	3
Total Semester Hours		33

Accounting MBA Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MKTG 6170	Marketing Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
ACCT 6000 Level Elective		3
	Semester Hours	12
Spring		
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
ECON 6106	Economics for Managers	3
ACCT 6000 Level Elective		3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
ACCT 6000 Level Elective		3
ACCT 6000 Level Elective		3
	Semester Hours	9
	Total Semester Hours	33

Accounting Electives

Code	Title	Semester Hours
ACCT 6102	Managerial/Cost Accounting II	
ACCT 6112	Advanced Auditing I	
ACCT 6141	Municipal Accounting	
ACCT 6131	Advanced Accounting I	

MBA, Healthcare Curriculum (33 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
MGMT 6108	Quantitative Methods for Managers	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MKTG 6170	Marketing Management	3
PADM 5321	Foundations of Health Care Finance	3
Required Healthcare Electives		
MGHC 6000	Quality Management and Leadership in Healthcare	3
MGHC 6108	Advanced Health Policy and Legal Issues	3
MGHC 6240	Research in Healthcare and Evaluation	3
MGHC 6300	Health Information Systems	3
Total Semester Hours		33

Healthcare MBA Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MKTG 6170	Marketing Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGHC 6000 Level	Elective	3
	Semester Hours	12
Spring		
ECON 6106	Economics for Managers	3
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
MGHC 6000 Level	Elective	3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
MGHC 6000 Level	Elective	3
MGHC 6000 Level	Elective	3
	Semester Hours	9
	Total Semester Hours	33

Healthcare Electives

Code	Title	Semester Hours
MGHC 6108	Advanced Health Policy and Legal Issues	
MGHC 6300	Health Information Systems	
MGHC 6240	Research in Healthcare and Evaluation	
MGHC 6000	Quality Management and Leadership in Healthcare	

MBA, Supply Chain & Logistics Curriculum (33 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MKTG 6170	Marketing Management	3
Required Supply Chain & Logistics Electives		12
LOGM 6101	Global Supply Chain Management	
LOGM 6105	Procurement and Contract Management	
LOGM 6111	Analytical Methods in Supply Chain Analysis	
LOGM 6113	Advanced Quality Management [1]	
Total Semester Hours		33

[1] Must be Lean Six Sigma Green Belt certified and have taken MGMT 6108 prior to taking LOGM 6113

Supply Chains & Logistics MBA Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MKTG 6170	Marketing Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
LOGM 6000 Level	Elective	3
	Semester Hours	12
Spring		
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
ECON 6106	Economics for Managers	3
LOGM 6000 Level	Elective	3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
LOGM 6000 Level	Elective	3
LOGM 6000 Level	Elective	3
	Semester Hours	9
	Total Semester Hours	33

Supply Chain & Logistics Electives

Code	Title	Semester Hours
LOGM 6101	Global Supply Chain Management	
LOGM 6105	Procurement and Contract Management	
LOGM 6111	Analytical Methods in Supply Chain Analysis (MGMT 6108 prerequisite)	
LOGM 6113	Advanced Quality Management	

MBA, Public Administration Curriculum (30 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
PADM 5302	Public Budgeting & Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MKTG 6170	Marketing Management	3
Select any three (3) 5000 Level Public Administration Electives		9
PADM 5011	Public Administration: Scope, Development, and Ethical Environment	
PADM 5200	The Administrative State	
PADM 5501	Management Information Systems (MIS) for Public Management	
PADM 5781	Introduction to Public Policy [1]	
Total Semester Hours		30

[1] This course is recommended as a requirement.

MBA-Public Administration Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MKTG 6170	Marketing Management	3
PADM Level Elective		3
	Semester Hours	12
Spring		
ECON 6106	Economics for Managers	3
PADM 5302	Public Budgeting & Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
PADM Level Elective		3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
PADM Level Elective		3
	Semester Hours	6
	Total Semester Hours	30

Public Administration Electives

Code	Title	Semester Hours
PADM 5011	Public Administration: Scope, Development, and Ethical Environment	
PADM 5200	The Administrative State ((Required))	
PADM 5501	Management Information Systems (MIS) for Public Management	
PADM 5781	Introduction to Public Policy	

ACCT 5200. Accounting/Financial Management Concepts. (1 Credit)
An overview course of financial and managerial accounting and financial management. This is an accelerated prerequisite MBA course for ACCT 6102 and FINC 6101. Waivers will be granted to students who have completed ACCT 2101, ACCT 2102, and FINC 3105 or equivalent courses with grades of "C" or better.

ACCT 6000. Internship in Accounting. (6 Credits)
Provides an opportunity for students to gain practical experience while working in a business or govenmental agency. Students are required to work full-time in their area of concentration during a summer term or semester. Intership is coordianted by a faculty member and spervised by an approved business supervisor. A final report and oral presentation are required. The course final grade is "S"(satifactory performance) or "U" (unsatisfactory performance).

ACCT 6101. Accounting Analysis for Decision Making. (3 Credits)
This course is designed to familiarize the student with applications of accounting data in decision making; cost analysis as applied in the development of budgets; and standards as an accounting tool for cost control and pricing. A case problem that requires students to interpret and discuss their analysis in the context of managerial decision-making is used. Offered: Fall.

ACCT 6102. Managerial/Cost Accounting II. (3 Credits)
This is a study of budgeting, standard costing, cost-volume profit analysis, performance evaluation, and variable costing. also covers new developments in the area of costing Prerequisite: ACCT 6101. Offered: Spring .

ACCT 6106. Tax Reasearch. (3 Credits)
A course designed to apply the concepts learned in Tax Accounting I. Library research and case analysis are used to develop a deeper understandig of income tax applications. Prerequisite: ACCT 4121.

ACCT 6107. Accounting Theory. (3 Credits)
The study of the conceptual theory underlying accounting and the development of accounting principles within conceptual theory. Emphasis is placed on accounting objectives and the cost, revenue, income, asset, and equity concepts. Prerequisites: ACCT 3102. Offered: Fall .

ACCT 6108. International Accounting. (3 Credits)
A study of the international dimension of accounting as it relates to the multinational corporation and the international environment. Prerequisite: ACCT 2102.

ACCT 6112. Advanced Auditing I. (3 Credits)
A detailed study of audit procedures includes audit sampling, tests of controls, and substantive tests. Prerequisite: ACCT 6101. Offered: Summer .

ACCT 6122. Tax Accounting II. (3 Credits)
The study of the income tax law regarding the alternative minimum tax, property transactions, corporations, partnerships, estates and trusts, and the gift and estate tax. Prerequisite: 4121.

ACCT 6131. Advanced Accounting I. (3 Credits)
This course is a study of financial accounting and reporting related to partnerships, branches, segmental and interim reporting. Prerequisite: ACCT 6101. Offered: Fall .

ACCT 6132. Advanced Accounting II. (3 Credits)
Financial accounting and reporting related to business combinations and consolidations and for foreign operations. Prerequisite: ACCT 3103.

ACCT 6141. Municipal Accounting. (3 Credits)
Fund theory, generally accepted accounting principles, and accounting practice and reporting for state and local governments. Prerequisite: ACCT 6101. Offered: Summer .

ACCT 6142. Not-For-Profit Accounting. (3 Credits)
This course covers fund theory, generally accepted accounting principles, and accounting practice and reporting for hospitals, colleges and universities, and other not-for profit entities. Prerequisite: ACCT 6141.

BUSA 6100. Independent Study In Business Administration. (3 Credits)
Special research projects underaken by MBA students under the directionof the MBA graduate faculty. Students are required to conduct independant research and write scholarly papers.

BUSA 6105. International Business. (3 Credits)
Introduction to international business and teh multinational corporation. Topics include development of international business, the institutional and economic environment of global business, legal and socioeconomic factors affecting multinational corporations, and the planning and operation of international business. Offered: Spring.

LOGM 6101. Global Supply Chain Management. (3 Credits)
This course presents the key concepts of supply chain management using the most successful supply chains around the globe. The course will place a special emphasis on the role of supply chain as a key strategic core competency. The course will include inventory management, forecasting and information systems. Offered: Fall.

LOGM 6105. Procurement and Contract Management. (3 Credits)
This course covers the most important aspects of the procurement and sourcing options. The course describes the flow of sourcing and procurement decisions using illustrative examples and case studies. Offered: Spring.

LOGM 6111. Analytical Methods in Supply Chain Analysis. (3 Credits)
This course presents key analytical tools commonly used in the design and optimization of logistics systems. The course includes tools such as linear and integer programming and simulation. Offered: Spring.

LOGM 6113. Advanced Quality Management. (3 Credits)
This hands-on course covers advanced Lean Six Sigma tools used to deliver high improvements to quality and profitability. The course uses a supply chain fictitious case study that illustrates the application of the tools. Offered: Fall.

MGHC 6000. Quality Management and Leadership in Healthcare. (3 Credits)
This course examines the concepts of continuous improvement and quality management, viewing quality as a systematic process that improves customer satisfaction. Methodologies that will aid managers in assuring that the organization's quality system is effective in meeting the organization's continuous improvement goals. Emphasis will be placed on the need for incremental measures of quality care and continuous improvement strategies. Additionally, formal quality assessment procedures, regulatory agencies and schools of thoughts on quality management will be reviewed. Offered: Fall.

MGHC 6108. Advanced Health Policy and Legal Issues. (3 Credits)
This course concentrates on health policy issues in the planning, delivery and organization of health Services. Examination of policy issues focuses on the relative roles of the public and private sectors and the control procedures used to implement these policies. Legal, ethical issues and problems will be addressed. Their resolutions are presented within a decision-making framework. Theories and principles of ethical decision-making will provide a framework for the analysis and resolution of ethical dilemmas. A historical and current examination of the law as related to health care decision making process will be included. Offered: Spring .

MGHC 6240. Research in Healthcare and Evaluation. (3 Credits)
This course is designed to provide students with the technical skills in health services research, including program evaluation. Emphasis will be on survey research methods and analytical epidemiology. Collection and analysis of health services data will be followed by an evaluative process for healthcare decision making. Prerequisite: ECON 3205 Economics and Business Statistics or Equivalent. Offered: Spring.

MGHC 6300. Health Information Systems. (3 Credits)
This course focuses on the critical role of e-health and information systems in the planning, operation, and management of health care organizations. Topics addressed include the design, analysis, selection, implementation, operation, and evaluation of health information systems in a variety of settings such as health centers, hospitals, and medical practices. Offered: Summer.

MGMT 5110. Organizational Behavior Effectiveness. (3 Credits)
This course is designed for students to learn individual and group skills required for effective funtioning in an organizational context. The course highlights the leadership and managerial competencies needed to create and maintain organizations that are effective, successful, and earn above average returns on their investments. Such knowledge and skills focus on the accurate diagnosis, design, deployment, evaluaiton and enhancemnt of organizations and organizational interventions needed to sustain effective change.

MGMT 5200. Overview of Management/Marketing Concepts. (1 Credit)
An overview course of business managment and marketing. Prerequisite for MBA courses. (Maybe waived as determinde by admission committee fo MBA program). Offered exclusively to MBA students.

MGMT 6000. Internship in Management. (6 Credits)
Provides an opportunity for students to gain practical experiences while working in a business or govermental agency. Students are required to wrok full-time in their area of concentration during the summer term. Internship is coordinated by a faculty member and supervised by an approved business supervisor. A final report and oral presentation are required. Each student is required to maintain an active ASU address.

MGMT 6105. The Legal Enviroment of Business. (3 Credits)
Develops an understanding of the interrelationships of law and society and an awareness of the need to recognize the conflicting rights and duties which lead to the formation of law, together with the impact such law has on the business community. Offered: Spring .

MGMT 6106. Decision Science. (3 Credits)
This course introduces the students to the major quantitative techniques used in management decision making. Topics include deterministic and probability models, decision theory, game theory, linear programming, simulation, dynamic programming and advanced applications of statistics. Computer applications are emphasized.

MGMT 6107. Operations Management. (3 Credits)
An introduction to the concepts, principles, problems and practice of operations management. Emphasis on managerial processes for achieving effective operations strategy in both goods-producing and service-rendering organizations. Topics include operations strategy formulation, operating technology, quality management, capacity planning, forecasting, production planning, inventory control and project management.

MGMT 6108. Quantitative Methods for Managers. (3 Credits)
This course introduces students to the major quantitative techniques used in management decision making. Topics include deterministic and probability models, decision theory, game theory, linar programming, production planning, operating technology, simulation, dynamic programming and advanced applications of statistics. Computer applications are emphasized. Prerequisite: MGMT 4110 or MGMT 5200. Offered: Fall and Spring.

MGMT 6110. Organizational Behavior and Effectiveness. (3 Credits)
This course enhances understanding of all aspects of behavior in organizational settings through the systematic study of individual, group and organizational processes. The approach is experiential and focuses on organization development, leadership, and teamwork. The goal of the course is to gain competencies to improve organizational effectiveness and enhance competitive advantage. Offered: Fall .

MGMT 6120. Leadership. (3 Credits)
The goal of this Leadership class is to provide students with a theory based, integrative, hands-on, practical view of leadership. The many debates and controversies within the field of leadership are presented, emphasizing integration of th econcepts and distilling useful and practical concepts from each theory while taking a cross cultural prospective. Offered: Fall.

MGMT 6125. Human Resource Management. (3 Credits)
Explores the process of forecasting and identifying forces in the labor market, determining staffing needs, developing budgets and employment plans. Includes the creation of job specifications, recruitment programs, and interviewing and selection techniques. Emphasis on program evaluation and legal considerations, equal employment opportunity, performance appraisal, compensation management, training and development. Includes discussion of contemporary issues in the field. Offered: Summer .

MGMT 6127. Small Business Management and Entrepreneurship. (3 Credits)
Involves the student under faculty supervision in current, real-life small business problem-solving situations. Actual cases embrace marketing, finance, accounting and management decisions. Offered: Summer .

MGMT 6199. Business Policy and Strategic Management. (3 Credits)
This course can be taken only after completion of at least 27 hours of MBA courses.The purpose of the course is to give the student an opportunity to develop and appreciate skills and perspectives, capabilities needed by higher-level leaders and managers in all types of organizations. Emphasis is given to the integration of subject matter from all bsuiness courses and other disciplines in formulating, implementing and evaluating cross-functional decisions that enable the organization to achieve its goals and objectives. Comprehensive analysis of organizations in a wide variety of situations is conducted. This is the capstone MBA course. Offered: As needed.

MGMT 6205. Management Information System. (3 Credits)
An overview course designed to introduce students to the area of information systems. It emphasizes concepts, components, and structures of information systems and their applications in business and managerial decision making. The topics include information systems software and hardware, telecommunications, database management, decision support, export systems, and management of information technologies. Optional topics may include client/server computing and Internet and Intranet development.

MGMT 6206. Database Management Systems. (3 Credits)
This is an introductory course to database management and its system implementation techniques. It covers the structure of database management systems, database design, entity-relatiohship modeling, normal forms, relational database theory, the structural query language (SQL), and database system development and management using state of the art database system. Optional topics may include object-oriented databases, distributed data- bases, database programming, and advanced database management issues. Prerequisite: MGMT 6205.

MGMT 6207. System Analysis and Design. (3 Credits)
This course covers all the major phases of a complete systems development life cycle (SDLC), business modeling techniques such as entity-relationship diagramming, data flow diagramming, and the use of Integrated Computer-Aided Software Engineering (I-CASE) tools to support systems development. Optional topics may include forms and reports development using rapid application development (RAD) tools, client server development, and web based systems deployment. Prerequisite: MGMT 4206.

MKTG 6000. Internship in Marketing. (6 Credits)
Provides an opportunity for students to gain practical experience while working in a business or governmental agency. Students are required to work full-time in their area of concentration during the summer term. Internship is coordinated by a faculty memeber and supervised by an approved business supervisor. A final report and oral presentation are required. Each studnet is required to maintain an active ASU e-mail address.

MKTG 6150. Marketing of Services. (3 Credits)
A comprehensive study of marketing practices, theory and decision making in all types of organiztions and enterprises. The case method and various other methods are emphasized; a managerial perspective is utilized. Prerequisite: MKTG 3120.

MKTG 6170. Marketing Management. (3 Credits)
Designed to high light the difference between product marketing and the marketing of services and to provide students who are interested in pursuing careers in the service sector of the economy with a more in-depth coverage of the services area than is presently available in the traditional product marketing courses. Prerequisite: MKTG 3120. Offered: Fall .

Nursing

Program in the Department of Nursing

- Nursing, Master of Science (p. 53)

Overview

The Family Nurse Practitioner (FNP) Graduate Nursing Program is designed for students who have already earned a Bachelor's Degree in Nursing from an accredited program and who wish to continue their education in order to earn their Master of Science in Nursing as an advanced practice registered nurse to provide comprehensive family-focused healthcare with an emphasis on health promotion and disease prevention.

Albany State University is accredited by the Southern Association of Colleges and Schools (SACS) as a Level IV institution. Nursing programs are accredited by the Accreditation Commission for Education in Nursing (ACEN), and our associate and baccalaureate degree programs in nursing are approved by the Georgia Board of Nursing. Information regarding our nursing programs' approval may be obtained by contacting the Georgia Board of Nursing by mail at 237 Coliseum Drive, Macon, Georgia 31217, or by phone at (912) 207-1640. Information regarding our nursing programs' accreditation may be obtain by contacting ACEN by mail at 3343 Peachtree Road, Suite 850, Atlanta, Georgia 30326, or by phone at (404) 975-5000.

In addition to the application forms submitted for admission to the University in general, students applying for the first time—as well as those returning to nursing courses after a break in nursing enrollment—are required to submit a separate application for admission to nursing program of their choice. Application forms are available online and should be completed and returned to the Department of Nursing's main office prior to the desired date of admission.

To comply with the requirements of cooperating clinical facilities, the Department of Nursing requires students to submit additional documentation for the purposes of clinical clearance, consistent with the student's program of choice. This documentation will include, at a minimum, a complete immunization record, criminal background check,

and drug screening. Students will provide these forms upon acceptance and enrollment in the student's desired program of choice.

The mission of the Department of Nursing is to provide nursing education to a diverse student population consistent with the mission of Albany State University (ASU). The ASU Department of Nursing offers ASN, BSN, and MSN degrees as well as Post-Master's Certifications. The Department of Nursing seeks to foster the growth and development of the region, state, and nation through teaching, research, quality health care delivery, and public service. In collaboration with academic institutions, health care institutions, and state agencies, the Department of Nursing is committed to developing and enhancing programs and services to improve the health and quality of life of the citizens of southwest Georgia.

The Department of Nursing prepares safe, competent, effective, and efficient nurses to provide or facilitate health care to diverse populations and underserved communities. Integral to this mission is a supportive and diverse faculty delivering comprehensive and technologically enhanced didactic and experiential learning activities. These learning activities support the holistic development of students as learners, leaders, and contributing members of society who embody the ideals of professional nursing in a global society. This program culminates with the student earning a Master of Science in Nursing with a specialization as a Family Nurse Practitioner, which grants them eligibility to take either the American Association of Nursing Practitioners (AANP) or the American Nurses Credentialing Corporation (ANCC) examinations. *(Revised Spring 2017)*

NURS 5100. Advanced Health Assessment. (3 Credits)
This online course includes the processes, techniques, and skills of advanced health assessment, building on basic and experiential knowledge of assessment. It is intended to provide the basis for individual student development of expertise in assessing health and illness states. Focus is on didactic and clinical content that the advanced practice nurse utilizes when assessing clients. The processes of systematic assessment, which include communication and planning skills, are emphasized. Clinical judgment, diagnostic and monitoring skills and teaching are integrated as components of assessment. Prerequisites: Admission to the Graduate School. Corequisites: None. Offered: Summer.

NURS 5111. Nursing Theory Development. (3 Credits)
This course explores theoretical assumptions and conceptual models related to nursing practice, nursing research, nursing roles, and nursing education. Other nursing, social, behavioral, and natural science theories are also discussed. This course provides an introduction to conceptual and theoretical thinking. Students will examine knowledge development in nursing, conceptual structures, and their uses as a basis for nursing practice and research. Prerequisites: Admission to the Graduate School. Corequisites: None. Offered: Summer.

NURS 5120. Advanced Nursing Research. (3 Credits)
This course emphasizes quantitative and qualitative research methodologies and the application of technology in data analysis. Students formulate a beginning approach to proposal development. Prerequisites: NURS 5111. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 5210. Advanced Pathophysiology. (3 Credits)
This course emphasizes the complexity of normal physiological and psychological functions and the disruption of homeostasis in understanding the disease process and/or illness. The involvement of mulitsystems in the clinical manifestation of the disease process and diagnoses will be delineated. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 5220. Family Diversity in Vulnerable Communities. (2 Credits)
The students apply concepts, theories, and methodologies of transcultural nursing to clients of diverse populations. Prerequisites: None. Corequisites: None. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 5410. Introduction to Family Primary Care (MSN-FNP). (4 Credits)
This course introduces the concept of primary health care of children, adults, and families. The focus is on health promotion and disease prevention with medically underserved populations. Prerequisites: Admission to the Family Nurse Practitioner program and NURS 5100. Corequisites: NURS 5910, NURS 5210 Offered: Spring.

NURS 5421. Primary Care of Children (MSN-FNP). (5 Credits)
This course presents the theoretical and clinical basis for advanced health promotion and disease prevention for children, adolescents, and their families. Content will include health maintenance, health teaching, behavioral/developmental issues, counseling, and advanced nursing management of well-child health and selected common childhood illnesses. The focus is on comprehensive care for well-child health maintenance and selected illnesses. Attention is directed toward the care needed to meet the health objectives for children, adolescents and families in Healthy People 2010 consistent with accepted national guidelines. Clinical experiences will provide opportunity for testing and integrating of theory in practice and development of relationships with other health care providers. Clinical experiences will occur in a variety of settings with emphasis on rural and urban underserved children, adolescents, and families. Prerequisites: NURS 5100, NURS 5210, NURS 5410, and NURS 5910. Corequisites: None. Offered: Spring. Credits: 5.00 Credit Hours (3.00 Lecture - 8.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 5621. Advanced-Practice Nursing I (MSN-NE). (5 Credits)
The first of a two-clinical course sequence in application of theories and concepts related to the clinical nurse specialist role in Community Health, Parent-Child Health, and Psych-Mental Health. Prerequisites: NURS 5111, NURS 5210, NURS 5910, and NURS 5950. Corequisites: None. Offered: Spring.

NURS 5910. Pharmacology in Advanced Nursing Practice. (3 Credits)
This course provides the advanced practice health care provider with knowledge of pharmacological agents used in treatment of adults, adolescents, and young children. Emphasis is on indications, mechanisms of action, prescriptive drugs, protocols, techniques, and dosages. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 5950. Curriculum Development in Nursing (MSN-NE). (3 Credits)
This course, designed to prepare the nurse educator for a role in curriculum development will explore putting together a nursing educational curriculum from planning to evaluation. Prerequisites: Admission to the Nurse Educator program and NURS 5111. Corequisites: None. Offered: Fall.

NURS 6000. Directed Study. (1-6 Credits)
Independent exploration of a topic from a nursing practice, education, or administration perspective. Prerequisites: Department approval. Corequisites: None. Offered: As needed.

NURS 6001. Instructional Strategies and Evaluation (MSN-NE). (3 Credits)
This course focuses on the implementation of various teaching strategies and the measurement of learning outcomes. Prerequisites: NURS 5950. Corequisites: None. Offered: Spring.

NURS 6101. Primary Care of Women (MSN-FNP). (4 Credits)
This course presents the theoretical and clinical basis for advanced nursing management of newborns and women. Content includes health maintenance, health teaching, behavioral/development issues, counseling and nursing management of pregnancy and the newborn, and health problems of women. Prerequisites: NURS 5100, NURS 5410, and NURS 5421. Corequisites: None. Offered: Summer.

NURS 6211. Primary Care of Adults (MSN-FNP). (5 Credits)
This course presents the theoretical and clinical basis for health promotion and disease prevention of adults/older adults and their families. Content includes health maintenance, health teaching, developmental issues, counseling and nursing diagnosis and management of common minor acute and chronic health problems found in adults. Prerequisites: NURS 5100, NURS 5410, NURS 5421, and NURS 6101. Corequisites: None. Offered: Fall.

NURS 6310. Primary Care Issues in Health Promotion of Communities (MSN-FNP). (2 Credits)
This seminar focuses on care needed to meet the needs of clients with sensitivity to community and cultural differences. Prerequisites: Completion of all clinical and core courses in first four semesters of program. Corequisites: None. Offered: Fall.

NURS 6500. Informatics in Nursing and Healthcare. (3 Credits)
This course provides an introductory knowledge of informatics, with an emphasis on developing an understanding of concepts related to nursing informatics (NI). Nursing Informatics is a specialty that incorporate nursing science, computer science, and information science. The integration of these sciences helps to manage and communicate data, information, knowledge, and wisdom in nursing practice.

NURS 6520. Interoperability and Workflow in Healthcare Systems. (3 Credits)
This course provides information on how healthcare agencies utilize health information systems to focus on patients and patient safety needs. The difference between data technology and workflow technology is key.

NURS 6530. Implementation & Evaluation for Healthcare Systems. (3 Credits)
This course provides instructions on learning and applying numerous techniques, methods, tools, and approaches to help visually capture a system. The emphasis is placed on the implementation of the process to ensure that information systems and networks are operational and there are well-trained users in the operation.

NURS 6550. Nursing Informatics-Capstone Practicum. (3 Credits)
This course is designed to provide practicum-capstone experiences for applying knowledge and skills acquired during the nursing informatics program. Practicum I and II are scheduled in the same healthcare setting. Learners select their learning environment based on course objectives and their professional goals, needs, and interests. In Nursing Informatics Capstone Practicum, learners will work with on-ground preceptor, develop a plan for practicum activities and select, initiate, and implement informatics related projects. Learners reflectively discuss their experiences, projects, and related learning in the online course. This course requires completion of 240 practicum hours and improve the student's perspective project management.

NURS 6620. Advanced Teaching Practicum (MSN-NE). (3 Credits)
This practicum is designed to foster the student's development and competency as an educator. The focus of the experience is the application of curricula and learning theories to instructional design for nursing education. The practicum consists of experiences in both classroom and clinical teaching under the supervision of a senior faculty. The experiences are designed to provide an opportunity for the student to experience a career in the academic world of higher education. Prerequisites: Completion of all Nurse Educator core and nursing courses, except NURS 6920. Corequisites: None. Offered: Spring.

NURS 6622. Advanced Practice Nursing II (MSN-NE). (5 Credits)
This is the second of the two-clinical course sequence in application of theories and concepts related to the clinical nurse specialist role development in Community Health, Parent-Child Health and Psych-Mental Health. Prerequisites: NURS 5621. Corequisites: None. Offered: Fall. Credits: 5.00 Credit Hours (3.00 Lecture - 8.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 6820. Family Nurse Practitioner Practicum (MSN-FNP). (4 Credits)
An integrated clinical practicum focused on development and implementation of the advanced practitioner role. Students are involved in a preceptorship in rural/urban family practice settings under the supervision of a clinical preceptor and graduate faculty. Prerequisites: Completion of all Family Nurse Practitioner core and nursing courses, except NURS 6920. Corequisites: None. Offered: Spring. Credits: 4.00 Credit Hours (1.00 Lecture - 12.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 6920. Thesis/Research Project. (3 Credits)
Research methodologies are used to investigate a nursing problem. Satisfactory completion of a thesis or research project is required. The student may choose to develop the proposal from NURS 5120 for the research activities for this course. Prerequisites: NURS 5120. Corequisites: None. Offered: Fall, Spring, Summer.

Nursing, Master of Science

Overview

The graduate program in Nursing is built on the Bachelor of Science in Nursing (BSN) degree. The program is designed to prepare students who are highly knowledgeable in advanced clinical nursing and whose education will enable them to make significant contributions to health care. The nursing program is accredited by the Accrediting Commission for Education in Nursing (ACEN).

The purposes of the Master's program are to prepare students who are:

1. Advanced practice nurses (family nurse practitioners or nurse educators who are able to practice nursing in changing and diverse health care settings),
2. Beginning researchers, and
3. Highly knowledgeable individuals who are capable of influencing policy-making that impacts health care delivery.

At the completion of the Master of Science in Nursing (MSN) program, the graduate will be able to:

1. **Professionalism**
   a. Engage in professional and scholarly activities that promote the profession of nursing and individual development in advanced practice nursing through implementation of evidenced based

practice for both direct and indirect patient care. (IOM 4, AACN Essential 1)

2. **Nursing Process and Critical Thinking**
   a. Integrate synthesized knowledge of behavioral and natural sciences, humanities, technology, and nursing science to perform advanced practice nursing roles to improve patient care and decrease healthcare cost. (IOM 1, 5: AACN Essential III & IX)
3. **Therapeutic Communication and Interventions**
   a. Exhibit expertise in the advanced-practice nursing role of clinical nurse specialist, family nurse practitioner, nurse administrator, or nurse educator while incorporating scientific and ethical principles to improve health care outcomes for a diverse population. (IOM 9, AACN Essential IV)
4. **Leadership, Collaboration and Advocacy**
   a. Assume advanced leadership roles, including collaborating with members of interdisciplinary teams, and influencing policy-making that impacts positively on health care delivery. (IOM 2, 6, 7; AACN Essential 11, VI)
5. **Evidence-Based Practice**
   a. Participate as a researcher and a consumer of research in advancing nursing science and practice in disease outcomes for a diverse population. (IOM 9, AACN Essential IV)
   b. Critically analyze health care data in order to promote optimal health. (IOM 3, AACN Essential I)

Admission Requirements: Graduate Nursing Programs

To enter the program leading to the Master of Science in Nursing (MSN) degree with a concentration as either a Family Nurse Practitioner (FNP) or Nurse Educator (NE), the student **must** first meet the requirements established by and apply to Albany State University's Graduate School, which is the overarching school containing the various major-related concentrations and programs, and be accepted to the University in good standing. Please be aware that **admission to the Graduate School does not guarantee acceptance into its graduate nursing programs**. The prospective student should contact the Graduate Admissions Office or the Department of Nursing's Graduate Nursing Programs Director well in advance of the planned entry date. Additionally, applicants hshould be be aware of the following:

- The Family Nursing Practitioner (FNP) program currently accepts applicants **every year.**
- The Nurse Educator (NE) program currently accepts applicants **every odd year.**

Family Nurse Practitioner (FNP) and Nurse Educator (NE)

Applicants must:

1. Possess a baccalaureate degree in nursing from a nationally accredited nursing program.
   a. Prospective **Family Nurse Practitioner** applicants must have at least 1 year of clinical experience (**required**), preferably within an adult medical-surgical environment
2. Have a grade point average (GPA) of 3.0 (on a 4.0 scale) or 2.0 (on a 3.0 scale).
3. Complete the following undergraduate prerequisite courses: Health Assessment (NURS 3510 or NURS 3640), Pathophysiology (NURS 3320 or NURS 3620), Nursing Research (NURS 4131 or NURS 4510), and Introductory Statistics (MATH 2411).
4. Have documentation of current Professional Nursing Licensure in their state of practice prior to entering the functional track.
   a. *The student who intends to practice or satisfy clinical requirements within the state of Georgia must also provide documentation of current Professional Nursing Licensure in Georgia*
5. Arrange for a personal interview with the Graduate Nursing Programs Director.
6. Submit two references regarding professional accomplishments and academic potential (if the references submitted to the Graduate School are not professional references).
7. Submit copy of malpractice insurance (proof of malpractice insurance is not required until the student begins clinical).
8. A student who has failed (C, D, F, or WF) two (2) graduate nursing courses—whether at ASU or another graduate-level program—will be ineligible for admission (or continuation) in the nursing program at ASU. Students who have been dismissed for two (2) nursing failures or for cause may request readmission after two (2) years of receiving notice of dismissal. For readmission policies, please refer to the appropriate section in the Graduate Nursing Student Handbook.

RN-to-MSN FNP and RN-to-MSN NE

The RN-to-MSN concentration provides registered nurses (RNs) an opportunity to complete a graduate degree with two bridge semesters in which the student takes undergraduate and graduate courses followed by the remaining semesters of graduate coursework. Graduates of an accredited associate degree nursing program who choose the RN-to-MSN concentration must:

1. Complete required select Core requirements of undergraduate course work prior to admission into the graduate nursing program.
2. Be eligible for Regular admission to the graduate program.
3. Have a grade point average (GPA) of 3.0 (on a 4.0 scale) or 2.0 (on a 3.0 scale).
4. Submit an undergraduate application along with a one-time application fee ($20) to Albany State University. The application is to be sent to the Office of Admissions, selecting either RN-to-MSN: Family Nurse Practitioner or RN-to-MSN: Nurse Educator.
5. Request original transcripts from each school the student has previously attended be submitted to the Undergraduate Admissions Office at the time of applying for admission to ASU.
6. Submit the following:
   a. A graduate application (available online through the Graduate School);
   b. A copy of current Georgia nursing license;
   c. Two professional letters of reference; and
   d. A copy of current CPR card to the Graduate School for admission.
7. Upon receipt of these documents, the student will be contacted by the Graduate Nursing Programs Director, and a program of study will be prepared to ensure completion of required undergraduate courses.

NOTE: Graduates of the RN-to-MSN program will **NOT** attain their Bachelor of Science in Nursing (BSN) and will instead receive their Master of Science in Nursing (MSN) in the graduate concentration of their choice. Applicants with an Associate Degree in Nursing who wish to attain their baccalaureate degree should instead apply for the RN-to-BSN

program in order to complete the curriculum necessary for baccalaureate degree completion.

Post-Master's Certification Programs

In addition to the admission criteria listed above, applicants who have a Master's Degree in Nursing and graduated with at least a 3.0 GPA may be admitted to the department's Nurse Practitioner (FNP) or Nurse Educator (NE) Post-Master's Certificate Program. Because these certification programs utilize past learning experience to satisfy some course requirements, programs of study are highly individualized and tailored to the needs of the students; therefore, the applicant must meet with the Department of Nursing's Graduate Nursing Programs Director and his/her graduate nursing advisor to design a program of study to complete post-master's requirements.

Readmission Information

READMISSION

Students who have not been in attendance for one or more semesters must apply to Albany State University's Graduate School for readmission.

Note: *Summer semester is not included as a semester of non-attendance.*

READMISSION FOLLOWING SCHOLASTIC TERMINATION

A graduate student who is excluded from the institution for academic reasons may petition to be reinstated. A student who petitions to be reinstated must have been out of the institution for at least twelve months. A petition to be reinstated must be approved by the Appeals Committee of the Graduate Council and the Dean of the Graduate School. Any graduate student who has been is excluded twice for scholastic reasons will not be readmitted to the Graduate School.

Programs of Study: Graduate Nursing Programs

Within the first nine (9) semester hours of study, the student is required to complete a planned degree program of study with the advice and approval of the Graduate Nursing Programs Director. Copies of this planned degree program will be filed with the Graduate Admissions Office, the Department of Nursing and the Office of the Registrar.

Family Nursing Practitioner (44 Hours)

Code	Title	Semester Hours
REQUIRED UNDERGRADUATE COURSEWORK (12 hours)		
NURS 3320	Pathophysiology (BSN)	
or NURS 362	Pathophysiology for RNs (RN-to-BSN)	
NURS 3510	Assessment in Health Care (BSN)	
or NURS 364	Health Assessment (RN-to-BSN)	
NURS 4131	Research (BSN)	
or NURS 451	Research in Nursing (RN-to-BSN)	
MATH 2411	Introduction to Statistics	
CORE (17 hours)		
NURS 5111	Nursing Theory Development	3
NURS 5120	Advanced Nursing Research	3
NURS 5210	Advanced Pathophysiology	3
NURS 5220	Family Diversity in Vulnerable Communities	2
NURS 5910	Pharmacology in Advanced Nursing Practice	3
NURS 6920	Thesis/Research Project	3
SPECIALIZATION (27 hours)		
NURS 5100	Advanced Health Assessment	3
NURS 5410	Introduction to Family Primary Care (MSN-FNP)	4
NURS 5421	Primary Care of Children (MSN-FNP)	5
NURS 6101	Primary Care of Women (MSN-FNP)	4
NURS 6211	Primary Care of Adults (MSN-FNP)	5
NURS 6310	Primary Care Issues in Health Promotion of Communities (MSN-FNP)	2
NURS 6820	Family Nurse Practitioner Practicum (MSN-FNP)	4
ELECTIVES (1-6 HOURS)		
NURS 6000	Directed Study	
Total Semester Hours		44

Nurse Educator (36 Hours)

Code	Title	Semester Hours
REQUIRED UNDERGRADUATE COURSEWORK (12 hours)		
NURS 3320	Pathophysiology (BSN)	
or NURS 362	Pathophysiology for RNs (RN-to-BSN)	
NURS 3510	Assessment in Health Care (BSN)	
or NURS 364	Health Assessment (RN-to-BSN)	
NURS 4131	Research (BSN)	
or NURS 451	Research in Nursing (RN-to-BSN)	
MATH 2411	Introduction to Statistics	
CORE (17 hours)		
NURS 5111	Nursing Theory Development	3
NURS 5120	Advanced Nursing Research	3
NURS 5210	Advanced Pathophysiology	3
NURS 5220	Family Diversity in Vulnerable Communities	2
NURS 5910	Pharmacology in Advanced Nursing Practice	3
NURS 6920	Thesis/Research Project	3
SPECIALIZATION (19 hours)		
NURS 5621	Advanced-Practice Nursing I (MSN-NE)	5
NURS 5950	Curriculum Development in Nursing (MSN-NE)	3
NURS 6001	Instructional Strategies and Evaluation (MSN-NE)	3
NURS 6620	Advanced Teaching Practicum (MSN-NE)	3
NURS 6622	Advanced Practice Nursing II (MSN-NE)	5
ELECTIVES (1-6 HOURS)		
NURS 6000	Directed Study	
Total Semester Hours		36

Comprehensive Examination Policy

The purposes of the comprehensive examination is to: (a) evaluate the student's theoretical and analytical knowledge of nursing, research, and other critical scientific concepts, issues, and processes presented in advanced core courses; and (b) evaluate the student's ability to apply critical nursing and other scientific theory in clinical decision making at the advanced level of nursing practice. To be eligible to take the departmental comprehensive examinations, the student must have a cumulative GPA of 3.00 or greater.

The departmental comprehensive examination is administered by Graduate Faculty representing the student's area of clinical concentration or specialization at the completion of clinical coursework and prior or

the same semester the student will be completing enrollment in Thesis/Project.

The student has one opportunity to retake the comprehensive examination. Additional study may be required before the exam may be retaken, as determined by the faculty advisor and the student. A student who does not pass the examination on the second attempt is not permitted to continue in the program (see Appendix L - Examination Results).

A student must be registered during the semester in which the comprehensive examination is taken. The comprehensive examination can be taken only once in a given semester with a maximum of [two] attempts permitted. The comprehensive examination will be administered each term during the scheduled final exam period as publicized by the university. A letter of intent to write the examination must be filed with the MSN Coordinator one month prior to the first day of the publicized final exam period for the term in which the examination is to be written. The student will be notified in writing of the date, time, and place of the exam. The exam will be administered once per semester. Examination objectives will be given to the student prior to scheduled testing.

Degree Requirements

To earn the Master of Science in Nursing degree, a student must meet the criteria identified below:

1. Earn a 3.00 grade point average calculated on all graduate work attempted, including transfer credit approved in advance of enrollment.
2. Complete a minimum of a 36 semester hours (Nurse Educator program) or 44 hours (Family Nurse Practitioner program) of prescribed curriculum with an overall grade point average of 3.00 or better.
3. Earn a 3.0 grade point average calculated on all graduate work attempted, including transfer credit approved in advance of enrollment in the program.
4. Earn a minimum of 27 semester hours (Nurse Educator program) or 35 (Family Nurse Practitioner program) in residence.
5. Complete all course work within 6 years of the date of admission or beginning of the first clinical nursing course, whichever is later.
6. Pass all departmental comprehensive examinations and complete a thesis or major research project

Curriculum Patterns: Graduate Nursing Programs

Family Nurse Practitioner (Full-Time)

Course	Title	Semester Hours
Junior Year		
Summer		
NURS 5100	Advanced Health Assessment	3
NURS 5111	Nursing Theory Development	3
	Semester Hours	6
Fall		
NURS 5210	Advanced Pathophysiology	3
NURS 5410	Introduction to Family Primary Care (MSN-FNP)	4
NURS 5910	Pharmacology in Advanced Nursing Practice	3
	Semester Hours	10
Spring		
NURS 5120	Advanced Nursing Research	3
NURS 5220	Family Diversity in Vulnerable Communities	2
NURS 5421	Primary Care of Children (MSN-FNP)	5
	Semester Hours	10
Senior Year		
Summer		
NURS 6101	Primary Care of Women (MSN-FNP)	4
	Semester Hours	4
Fall		
NURS 6211	Primary Care of Adults (MSN-FNP)	5
NURS 6310	Primary Care Issues in Health Promotion of Communities (MSN-FNP)	2
	Semester Hours	7
Spring		
NURS 6820	Family Nurse Practitioner Practicum (MSN-FNP)	4
NURS 6920	Thesis/Research Project	3
	Semester Hours	7
	Total Semester Hours	44

Family Nurse Practitioner (Part-Time)

Course	Title	Semester Hours
Sophomore Year		
Summer		
NURS 5111	Nursing Theory Development	3
	Semester Hours	3
Fall		
NURS 5210	Advanced Pathophysiology	3
NURS 5910	Pharmacology in Advanced Nursing Practice	3
	Semester Hours	6
Spring		
NURS 5120	Advanced Nursing Research	3
NURS 5220	Family Diversity in Vulnerable Communities	2
	Semester Hours	5
Junior Year		
Summer		
NURS 5100	Advanced Health Assessment	3
	Semester Hours	3
Fall		
NURS 5410	Introduction to Family Primary Care (MSN-FNP)	4
	Semester Hours	4
Spring		
NURS 5421	Primary Care of Children (MSN-FNP)	5
	Semester Hours	5

Senior Year		
Summer		
NURS 6101	Primary Care of Women (MSN-FNP)	4
	Semester Hours	4
Fall		
NURS 6211	Primary Care of Adults (MSN-FNP)	5
NURS 6310	Primary Care Issues in Health Promotion of Communities (MSN-FNP)	2
	Semester Hours	7
Spring		
NURS 6820	Family Nurse Practitioner Practicum (MSN-FNP)	4
NURS 6920	Thesis/Research Project	3
	Semester Hours	7
	Total Semester Hours	44

Nurse Educator (Full-Time)

Course	Title	Semester Hours
Junior Year		
Summer		
NURS 5111	Nursing Theory Development	3
	Semester Hours	3
Fall		
NURS 5210	Advanced Pathophysiology	3
NURS 5910	Pharmacology in Advanced Nursing Practice	3
NURS 5950	Curriculum Development in Nursing (MSN-NE)	3
	Semester Hours	9
Spring		
NURS 5120	Advanced Nursing Research	3
NURS 5220	Family Diversity in Vulnerable Communities	2
NURS 5621	Advanced-Practice Nursing I (MSN-NE)	5
NURS 6001	Instructional Strategies and Evaluation (MSN-NE)	3
	Semester Hours	13
Senior Year		
Fall		
NURS 6622	Advanced Practice Nursing II (MSN-NE)	5
	Semester Hours	5
Spring		
NURS 6620	Advanced Teaching Practicum (MSN-NE)	3
NURS 6920	Thesis/Research Project	3
	Semester Hours	6
	Total Semester Hours	36

RN-to-MSN FNP (Full-Time)

Course	Title	Semester Hours
Sophomore Year		
Spring		
NURS 4413	RN-to-MSN Transition (RN-to-MSN)	6
NURS 4510	Research in Nursing (RN-to-BSN)	3
NURS 5100	Advanced Health Assessment	3
MATH 2411	Introduction to Statistics	3
	Semester Hours	15
Junior Year		
Summer		
NURS 4346	RN to MSN Senior Seminar (RN-to-MSN)	2
NURS 4500	Community/Public Health Nursing (RN-to-BSN)	4
NURS 5111	Nursing Theory Development	3
	Semester Hours	9
Fall		
NURS 3620	Pathophysiology for RNs (RN-to-BSN)	3
NURS 5210	Advanced Pathophysiology	3
NURS 5410	Introduction to Family Primary Care (MSN-FNP)	4
NURS 5910	Pharmacology in Advanced Nursing Practice	3
	Semester Hours	13
Spring		
NURS 5120	Advanced Nursing Research	3
NURS 5220	Family Diversity in Vulnerable Communities	2
NURS 5421	Primary Care of Children (MSN-FNP)	5
	Semester Hours	10
Senior Year		
Summer		
NURS 6101	Primary Care of Women (MSN-FNP)	4
NURS 6920	Thesis/Research Project	3
	Semester Hours	7
Fall		
NURS 6211	Primary Care of Adults (MSN-FNP)	5
NURS 6310	Primary Care Issues in Health Promotion of Communities (MSN-FNP)	2
	Semester Hours	7
Spring		
NURS 6820	Family Nurse Practitioner Practicum (MSN-FNP)	4
	Semester Hours	4
	Total Semester Hours	65

RN-to-MSN NE (Full-Time)

Course	Title	Semester Hours
Sophomore Year		
Spring		
NURS 4413	RN-to-MSN Transition (RN-to-MSN)	6
NURS 4510	Research in Nursing (RN-to-BSN)	3
NURS 5100	Advanced Health Assessment	3
MATH 2411	Introduction to Statistics	3
	Semester Hours	15
Junior Year		
Summer		
NURS 4346	RN to MSN Senior Seminar (RN-to-MSN)	2
NURS 4500	Community/Public Health Nursing (RN-to-BSN)	4
NURS 5111	Nursing Theory Development	3
	Semester Hours	9

Fall		
NURS 3620	Pathophysiology for RNs (RN-to-BSN)	3
NURS 5210	Advanced Pathophysiology	3
NURS 5910	Pharmacology in Advanced Nursing Practice	3
NURS 5950	Curriculum Development in Nursing (MSN-NE)	3
	Semester Hours	12
Spring		
NURS 5120	Advanced Nursing Research	3
NURS 5220	Family Diversity in Vulnerable Communities	2
NURS 6001	Instructional Strategies and Evaluation (MSN-NE)	3
	Semester Hours	8
Senior Year		
Summer		
NURS 5621	Advanced-Practice Nursing I (MSN-NE)	5
NURS 6920	Thesis/Research Project	3
	Semester Hours	8
Fall		
NURS 6622	Advanced Practice Nursing II (MSN-NE)	5
	Semester Hours	5
Spring		
NURS 6620	Advanced Teaching Practicum (MSN-NE)	3
	Semester Hours	3
	Total Semester Hours	60

Post-Master's Certification Programs

Due to the highly individualized nature of the Post-Master's Certification Programs, there is no sample curriculum pattern available for viewing. Applicants for this program must meet with their graduate nursing advisor and/or program director(s) to design an individualized program of study and curriculum pattern to satisfy outstanding program requirements.

Public Administration, MPA

Introduction

The Master of Public Administration degree program (MPA) is a graduate professional degree program that helps students prepare for careers in public service in the 21st Century. Founded in 1987, the program requires the completion of a total of 36 semester hours, including a minimum of 27 hours of Public Administration Core courses (including the Capstone report and Professional Internship) and 9 hours of concentration courses in order to earn the Master of Public Administration Degree. There are presently seven 9-hour concentrations. Five are offered within the program and two (water resource management and criminal justice administration) are offered through a collaborative arrangement with the departments of chemistry, biology, and criminal justice:

1. Community and Economic Development
2. Public Policy
3. Criminal Justice Administration
4. Public Management
5. Health Administration & Policy
6. Human Resources Management
7. Water Resources Management

The Water Resources Management and Policy concentration consists of 15 semester hours beyond the core courses.

The goal of the program is to provide quality education that helps prepare people to work in government and nonprofit management at the community, state and federal levels. The program also conducts research and renders assistance to community groups and agencies as a means of providing a vital link between the institution, the program and the community.

Education Philosophy

We believe that in order to become effective managers students should understand the five domain competencies outlined by the Network of Schools of Public Policy, Affairs & Administration (NASPAA). These include abilities

- to lead and manage in public governance;
- to participate in and contribute to the public policy process;
- to analyze, synthesize, think critically, solve problems and make decisions;
- to articulate and apply a public service perspective; and
- to communicate and interact productively with a diverse and changing workforce and citizenry.

In order to help students, achieve these competencies, the program incorporates both practice and theory.

Mission

The mission statement of Albany State University's MPA program is to:

- Provide a professional Master's level education for students aspiring to management positions in government, nonprofit organizations, and the private sector.
- Provide professional assistance to the public, government, and nonprofit organizations in Southwest Georgia, Dougherty County, and the surrounding communities through public service of the faculty and students.
- Increase the number of qualified graduates from underrepresented groups with professional public administration skills, training, and education for leadership positions.

Accreditation

The MPA degree program is accredited by the Network of Schools of Public Policy, Affairs & Administration (NASPAA). Albany State University including the MPA program is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC).

Off-Campus Programs

At the present time all courses are taught in Albany, Georgia on the ASU campus.

Admission Requirements

An applicant for the Master of Public Administration degree must meet the requirements for admission to the Albany State University Graduate Programs in addition to those listed below.

1. A baccalaureate degree from an accredited college or university.
2. A minimum 3.0 cumulative grade-point average (on a 4.0-point scale) for course work completed at the undergraduate level is required

for regular admission. A cumulative grade-point average of 2.5 is required for provisional admission. (required for admission to the MPA program only)

3. A satisfactory score on either the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT). For regular admission, a combined score of 286 on the verbal and quantitative sections of the GRE or, a score of 402 (44) on the MAT is required. For provisional admission, a combined score of 281 on the verbal and quantitative sections of the GRE, or 27 on the MAT is required.
4. Two official transcripts sent from all colleges and universities attended.
5. Two current letters of recommendation from individuals familiar with the applicant's ability to successfully complete the graduate program.
6. Submission of a completed graduate admissions application with a $20 processing fee.
7. Applicants for admission to the MPA program are also required to submit a written statement of career goals.
8. International students must take the TOEFL and meet other criteria established by the Board of Regents of the University System of Georgia.

All documents, including test scores, must be received in the Graduate Admissions Office at least 45 days prior to the desired semester of enrollment. Prospective applicants should contact the graduate recruitment and admissions officer in the Graduate Admissions Office for more information.

Other Program Requirements

Admission to Candidacy - Students enrolling in MPA courses who intend to pursue the MPA degree must file for, and be admitted to candidacy, upon completion of 18 semester hours. Only 9 semester hours of graduate course work in which the student earned "B" or better in provisional status may be counted toward candidacy for the degree.

MPA Professional Portfolio - Each student is expected to complete a professional portfolio. The professional MPA portfolio consists of materials representative of one's academic work accomplishments, and demonstration of abilities and skills.

[1] Scores on the Graduate Management Admission Test or GMAT are not required for admission to the MPA program.

The Curriculum

The requirements for the Master of Public Administration degree are:

1. A minimum of 36 semester hours of graduate course work, at least 27 semester hours of which shall be taken in residence at Albany State University.
2. A minimum cumulative grade-point average of 3.0 in courses distributed as follows:

Code	Title	Semester Hours
Core Courses (21 hours)		
PADM 5011	Public Administration: Scope, Development, and Ethical Environment	3
PADM 5126	Organizational Theory and Bureaucratic Behavior	3
PADM 5262	Public Human Resources Management	3
PADM 5302	Public Budgeting & Financial Management	3
PADM 5781	Introduction to Public Policy	3
PADM 5501	Management Information Systems (MIS) for Public Management [1]	3
PADM 5502	Research Design and Data Analysis [2]	3
Additional Required Public Administration Courses		
PADM 5851	Professional Public Service internship Project	3
PADM 5907	Capstone Report	3
Area of Concentration - minimum of 9 hours (See Specialty Areas tab)		9
Total Semester Hours		36

[1] Prerequisite for PADM 5502

[2] Prerequisite for PADM 5851

PUBLIC ADMINISTRATION: Areas of Concentration

The MPA program concentrations are listed below:

1. Community and Economic Development
2. Public Policy
3. Public Management
4. Health Administration and Policy
5. Human Resources Management

In addition, the two concentrations below are offered through a collaborative agreement with the departments of chemistry, biology, and criminal justice

6. Criminal Justice Administration
7. Water Resources Management and Policy

The requirements for each concentration are provided in this section.

Community and Economic Development

The concentration is designed for students pursuing careers in the field of community and economic development. Students are required to take 9 hours from the following concentration courses, including the two required courses.

Concentration Requirements

Code	Title	Semester Hours
Required for the concentration		
PADM 5635	Introduction to Community & Economic Development [1]	3
PADM 5831	Urban and Rural Community Planning [2]	3
Select one course from the following:		3
PADM 5300	Administration of Nonprofit Organizations	
PADM 5850	Community Development Theory and Practice	
PADM 5860	Economic Development Theory and Practice	
Total Semester Hours		9

[1] Required for concentration and to be completed before any other concentration courses.

[2] Required for concentration and to be taken after PADM 5635

Public Policy

The Public Policy concentration assists students to understand the public policy making process, governmental and non- governmental actors involved in the policy making process, approaches in the study of public policies and the techniques for analyzing public policies This concentration prepares students seeking careers in policy making and analysis at any level or unit of government.

Concentration Requirements

Code	Title	Semester Hours
Required for the concentration		
PADM 5802	Public Policy Analysis	3
PADM 5810	Intergovernmental Relations	3
Select one course from the following		3
PADM 5872	Executive Policy-Making	
PADM 5815	International and Comparative Public Policy	
PADM 5511	Directed Independent Policy Studies	
Total Semester Hours		9

Public Management

This concentration involves a study of management and supervision procedures used by organizations to motivate and maintain the internal labor force. Topics for discussion include wage and salary administration, training and development, safety management, performance control and internal communication. Students are required to take 9 hours from the following concentration courses, including the two required courses.

Concentration Requirements

Code	Title	Semester Hours
Required for the concentration		
PADM 5823	Program Development, Management & Evaluation [3]	3
PADM 5650	Executive Leadership: Principles of Public Administration [4]	3
Select one course from the following		3
PADM 5200	The Administrative State	
PADM 5202	Administrative Law	
PADM 5810	Intergovernmental Relations	
Total Semester Hours		9

[3] PADM 5823: Required for concentration and to be completed before any other concentration courses

[4] PADM 5650 Required for concentration and to be taken after PADM 5823

Health Administration and Policy

This concentration is designed for students seeking management careers in the health field. In-service students seeking career advancement also benefit greatly from this specialization. This concentration requires 9 semester hours to be selected from the courses shown below (Two required courses and one additional course):

Concentration Requirements

Code	Title	Semester Hours
Required for the concentration		
PADM 5321	Foundations of Health Care Finance [5]	3
PADM 5322	Foundations of Public Health Administration and Management [6]	3
Select one course from the following		3
PADM 5324	Epidemiology	
PADM 5791	Health Policy and Politics	
PADM 5852	Health Care Delivery for Specialized Groups	
Total Semester Hours		9

[5] PADM 5321: Required for concentration and to be completed before any other concentration courses

[6] PADM 5322 Required for concentration and to be taken after PADM 5321

Human Resources Management

This concentration is designed for students seeking human resources management careers in public, private & non-profit organizations at all administrative levels. Students are required to take 9 hours from the following concentration courses, including the two required courses.

Concentration Requirements

Code	Title	Semester Hours
Required for the concentration		
PADM 5551	Diversity Management and Public Organization [7]	3
PADM 5600	Issues in Human Resource Management [8]	3
Select one course from the following		3
PADM 5451	Labor-Management Relations	
PADM 5213	Legal Environment of Public Human Resources Management	
Total Semester Hours		9

[7] PADM 5551: Required for concentration and to be completed before any other concentration course

[8] PADM 5600 Required for concentration and to be taken after PADM 5551

Criminal Justice Administration

This concentration represents an interdisciplinary collaboration between the Department of Criminal Justice and the Public Administration Program. It is designed for students pursuing careers in the field of criminal justice administration. Students are required to take 9 hours from the following concentration courses, including the two required courses.

Concentration Requirements

Code	Title	Semester Hours
Required for the concentration		
CRJU 5100	Foundations of Criminal Justice [9]	3
CRJU 5110	Theory and Philosophy of Criminal Justice [10]	3
Select one course from the following		3
CRJU 6110	The Social Service Role of Criminal Justice Personnel	
CRJU 6400	Foundations of Corrections	
CRJU 6430	Rehabilitation and Treatment	
Total Semester Hours		9

[9] CRJU 5100: Required for the concentration and to be completed before any other concentration courses.

[10] CRJU 5110 Required for the concentration and to be taken after CRJU 5100.

Water Resources Management and Policy

The Water Resources Management and Policy concentration is offered through a collaborative arrangement between the Public Administration program and the Department of Natural Sciences. This concentration is designed for students interested in pursuing careers in water conservation, management and policy

Concentration Requirements

Unlike the other concentrations, students interested in this concentration are required to take 15 hours from the following 6 concentration courses including the two required courses.

Code	Title	Semester Hours
Students are required to take one of the following		
WRMP 6420	Water Resources Policy Field Project [11]	3
or WRMP 6421	Water Resources/Policy Prof	
Select four courses from the following		12
WRMP 6421	Water Resources/Policy Prof [12]	
or WRMP 64	Water Resources Policy Field Project	
WRMP 6400	Hydrology and Irrigation Fundamentals	
WRMP 6405	Environmental and Natural Resource Policy	
WRMP 6410	Natural Resource Management and Planning	
WRMP 6415	Water and Law Legislation	

[11] The course not taken in this section may be taken in the following section as part of the additional 12 credit hours.

[12] Students may take the course that was not taken in the required section above.

PADM 5011. Public Administration: Scope, Development, and Ethical Environment. (3 Credits)
This is an introductory Public Administration course and it is expected to provide students with a broad based understanding of the field of Public Administration as a discipline and as a profession. Students will examine the historical and current perspectives and become familiar with practitioners in the field. This course is also designed to introduce the students to various issues concerning public administration ethics theory and how they apply to public managers, the polemics that abound, and suggestions that have been made for improving the bureaucratic environment. Upon completing the course, the students should be in a position to make sense out of the various seemingly unethical activities of public managers. The student should also be able to debate the many approaches to public administration law and ethics.

PADM 5126. Organizational Theory and Bureaucratic Behavior. (3 Credits)
This course is designed to introduce students to the complexities of managing people and understanding their behavior within organizations. To that end, it will examine the organizational dynamics in modern organizations, the evolution of organizational theories from the classic to the contemporary, the linkages and relationships between organizations and the behavior of human beings in organizational environments.

PADM 5200. The Administrative State. (3 Credits)
This course is an overview of public administration in relation to legislative, executive and judicial processes.

PADM 5202. Administrative Law. (3 Credits)
The legal aspects of the power and procedures of federal and state agencies in the judicial re- view of administrative actions are discussed.

PADM 5213. Legal Environment of Public Human Resources Management. (3 Credits)
This course examines the relationship between the law and the work environment with particular emphasis on the rights and protections that are provided to employees under the law as well as the court decisions that have impacted the rights and liberties of public and nonprofit sector employees.

PADM 5262. Public Human Resources Management. (3 Credits)
This course will help students to understand the historical, political, economic, social, legal and organizational contexts in which human resource management occurs in the public sector. It will also focus on the acquisition of skills , knowledge and abilities needed to execute HR functions including, but not limited to, recruitment, selection, strategic planning , compensation, training, professional development and sanctions.

PADM 5281. Intro to Public Policy. (3 Credits)

PADM 5300. Administration of Nonprofit Organizations. (3 Credits)
This course will provide theoretical and application understanding of the operation of corporations in the nonprofit sector. It is designed to equip students with knowledge and skills of basic methods used to lead and manage such organizations and successfully navigate the political, financial, ethical and social challenges of this sector.

PADM 5302. Public Budgeting & Financial Management. (3 Credits)
This course focuses on the allocation of limited resources to address the problems that governments and other public organizations face. To that end, it will examine public budgeting processes and public financial management approaches. Emphasis is placed on the budget cycle, federal budget practices and procedures, unified budgets, national income accounts, executive and legislative roles in the budget process, Government Accounting, Financial Reporting, Government Auditing, Capital Planning and Budgeting, Capital project Analysis and Asset Management.

PADM 5321. Foundations of Health Care Finance. (3 Credits)
This course explores the basics of health care finance. It focuses on topics of expenditures, revenue generation, fund-raising, budgeting and financial planning in health care administration.

PADM 5322. Foundations of Public Health Administration and Management. (3 Credits)
This course will provide a comprehensive introduction and overview of public health management and administration.

PADM 5324. Epidemiology. (3 Credits)
This introductory course will provide a comprehensive introduction to the basic definitions, concepts, principles and methods of population-based epidemiologic research.

PADM 5451. Labor-Management Relations. (3 Credits)
This course focuses on the history and contemporary relations between labor and management, as well as the laws and practices impacting collective bargaining in the public sector. It also examines, within the context of current labor management relations, those issues that may affect workforce planning and development and organizational effectiveness.

PADM 5501. Management Information Systems (MIS) for Public Management. (3 Credits)
The course introduces students to computer applications and information system tools for effectively managing large amounts of data in public sector organizations. The course also introduces concepts and theories of management information systems (knowledge management). various practices in government organizations, as well as related issues, problems, and trends.

PADM 5502. Research Design and Data Analysis. (3 Credits)
This course is designed to acquaint students with the assumptions, concepts, and methods for quantitative and qualitative scientific inquiry and basic data analysis techniques useful in public administration and nonprofit management research.

PADM 5511. Directed Independent Policy Studies. (3 Credits)
This course allows students to pursue specialized interests in policy studies.

PADM 5551. Diversity Management and Public Organization. (3 Credits)
The course will provide a broad-based perspective of diversity management in the workplace. It will examine the contemporary workforce which represents multiple differences, including for example, gender, race, culture, ethnicity, age, alternate lifestyles and physical/mental abilities.

PADM 5600. Issues in Human Resource Management. (3 Credits)
The course examines issues in managing public human resources.

PADM 5615. Human Capital Development: Theory and Practice. (3 Credits)
In this course we will study the choices individuals make regarding the development of their human capital, the relation between human capital and wages, and the impact of human capital on organization performance as well as implications for economy wide performance.

PADM 5616. Human Capital Development & Management. (3 Credits)
This course examines the skills, knowledge, abilities and other characteristics that constitute the concept of human capital and how they impact organizational performance. Based on those attributes, the course addresses issues of strategic human resource planning, strategic human resources management, succession planning as well as the planning tools, techniques and methods for proper human capital management.

PADM 5635. Introduction to Community & Economic Development. (3 Credits)
To examine community and economic development movements in the United States and abroad. The understanding of the physical urban environment and local economic development.

PADM 5650. Executive Leadership: Principles of Public Administration. (3 Credits)
Examines leadership skills necessary to maximize group effectiveness in public and volunteer organizations. Considerable use will be made of role-playing and/or simulation exercises.

PADM 5710. Grantsmanship for Public Administration. (3 Credits)
Offers instruction on the "how to" of grant writing and planning for grant writing in the public sector and nonprofits.

PADM 5720. Contemporary Issues In Public Administration. (3 Credits)
Treats current and recurring issues and problems in public administration at the local, state and federal levels in the United States. How public bureaucracies deal with such problems and issues as effective service delivery of public safety and defense, education, health care, transportation, environmental protection, disease control, welfare and amelioration of poverty, international trade and relations and how service delivery is paid for will be addressed. Prerequisite: 9 semester hours of public administration courses or consent of the instructor.

PADM 5781. Introduction to Public Policy. (3 Credits)
The course emphasizes the nature and definition of public policy, the structure in which public policy is produced and how various kinds of public policy are made.

PADM 5791. Health Policy and Politics. (3 Credits)
This course deals with contemporary health-care policies and politics. The course includes discussions of the current crisis in health costs and proposed solutions.

PADM 5802. Public Policy Analysis. (3 Credits)
The course focuses on the forces that shape the direction of public policy and the mechanics through which public policy is formulated.

PADM 5810. Intergovernmental Relations. (3 Credits)
Emphasizes the issues and problems involved in the relationships among federal, state and local governments.

PADM 5815. International and Comparative Public Policy. (3 Credits)
This course introduces students to the comparative study of public policy and political institutions and acquaints them with a select number of foreign political systems. Through lectures, case studies, and reading assignments, students are exposed to the structural -functional approach to comparative political analysis.

PADM 5823. Program Development, Management & Evaluation. (3 Credits)
A study of basic methods used to evaluate programs and policies, including an examination of the impact which selected policies have had on intended target populations.

PADM 5831. Urban and Rural Community Planning. (3 Credits)
This course is a survey of the principles and practices of public planning for the development and management of human, economic and physical resources of communities. Reviews planning systems at various levels and their interrelationships.

PADM 5850. Community Development Theory and Practice. (3 Credits)
This course explores principles and techniques of local community development. It explores theories of local community development, addresses neighborhood needs and impacts of local policies and programs.

PADM 5851. Professional Public Service internship Project. (3 Credits)
This practicum includes a final professional project in which the student will design, conduct, analyze and report on a project completed during his/her professional service internship.

PADM 5852. Health Care Delivery for Specialized Groups. (3 Credits)
This course is designed to provide the students with an understanding of contemporary issues in health care delivery. Emphasis will be placed on the health needs of low income American families, the elderly, disabled, minorities, children and other medically underserved populations.

PADM 5860. Economic Development Theory and Practice. (3 Credits)
Explores theories of local economic development and addresses the dilemmas contemporary communities face.

PADM 5872. Executive Policy-Making. (3 Credits)
Focuses on the institutional mechanisms and processes of policy formulation at the presidential level.

PADM 5907. Capstone Report. (3 Credits)
This course requires students to complete a written practitioner-based report on a case study that demonstrates their mastery of the material presented in the core courses of the MPA program. The case study must be supported by scholarly literature and students will have to orally defend it to demonstrate their mastery of the chosen subject matter. The capstone report serves as an exit process component designed to assess students' knowledge and skills obtained in these academic courses, competency in critical thinking, and written and oral communication skills.

Social Work, Master's Program

Introduction

The mission of the Master of Social Work program is to advance social and economic justice by preparing students for competent, empowering clinical practice with vulnerable children, adults and families of diverse backgrounds. In its efforts to enhance the dignity and rights of all people, particularly of historically oppressed populations, the MSW Program seeks to partner with diverse individuals, groups and organizations at university, local, state, national and international levels.

The MSW program is designed to prepare students for responsible, professional social work practice with children and families across the lifespan. Coursework prepares students to assume practice and leadership roles and responsibilities in clinical social work practice, public child and family welfare programs, the protection of abused and neglected children, home-based services, foster care, adoption, school-based services, group and residential care settings, child guidance, parent education, family courts, family violence programs, military social work, adult protective services, child and family advocacy, as well as in major social service systems that include mental health, physical health, and corrections.

Upon graduation, the MSW student will be able to demonstrate the following practice behaviors:

1. Demonstrate the ability to make ethical decisions by applying the standards of the NASW *Code of Ethics*, relevant laws and regulations, models for ethical use of decision-making, ethical conduct of research, and additional codes of ethics as appropriate to the context
2. Demonstrate the ability to use reflection and self-regulation to manage personal values and maintain professionalism in practice situations
3. Demonstrate professional demeanor in behavior, appearance, and in oral, written and electronic communication
4. Demonstrate the ability to use technology ethically and appropriately to facilitate practice outcomes
5. Demonstrate the ability to use supervision and consultation to guide professional judgment and behavior
6. Demonstrate the ability to effectively apply and communicate an understanding of the importance of diversity and difference in shaping life experiences in practice at the micro, mezzo, and macro levels
7. Demonstrate the ability to present themselves as learners and engage clients and constituencies as experts of their own experiences
8. Demonstrate the ability to effectively apply self-awareness and self-regulation to manage the influence of personal biases and values in working with diverse clients and constituencies
9. Demonstrate the ability to effectively apply an understanding of social, economic, and environmental justice to advocate for human rights at the individual and system levels
10. Demonstrate the ability to engage in practice that advances social, economic, and environmental justice
11. Demonstrate the ability to use practice experience and theory to inform scientific inquiry and research
12. Demonstrate the ability to apply critical thinking to engage in analysis of quantitative and qualitative research methods and research findings
13. Demonstrate the ability to use and translate research evidence to inform and improve practice, policy, and service delivery
14. Demonstrate the ability to identify social policy at the local, state, and federal levels that impact wellbeing, service delivery, and access to social services
15. Demonstrate the ability to assess how social welfare and economic policies impact the delivery of, and access to, social services.
16. Demonstrate the ability to apply critical thinking to analyze, formulate, and advocate for policies that advance human rights and social, economic, and environmental justice
17. Demonstrate the ability to effectively apply knowledge of human behavior and the social environment, the person-in-the-environment perspective, and other multidisciplinary theoretical frameworks to engage with clients and constituencies
18. Demonstrate the ability to use empathy, reflection, and interpersonal skills to effectively engage diverse clients and constituencies
19. Demonstrate the ability to collect and organize data, and apply critical thinking to interpret information from clients and constituencies

20. Demonstrate the ability to effectively apply knowledge of human behavior and the social environment, the person-in-the-environment perspective, and other multidisciplinary theoretical frameworks in the analysis of assessment data from clients and constituencies
21. Demonstrate the ability to develop mutually agreed-on intervention goals and objectives based on the critical assessment of strengths, needs, and challenges within clients and constituencies
22. Demonstrate the ability to select appropriate intervention strategies based on the assessment, research knowledge, and values and preferences of clients and constituencies
23. Demonstrate the ability to critically choose and implement interventions to achieve practice goals and enhance capacities of clients and constituencies
24. Demonstrate the ability to effectively apply knowledge of human behavior and the social environment, the person-in-the-environment perspective, and other multidisciplinary theoretical frameworks in interventions with clients and constituencies
25. Demonstrate the ability to use inter-professional collaboration, as appropriate, to achieve beneficial practice outcomes
26. Demonstrate the ability to negotiate, mediate, and advocate with, and on behalf of, diverse clients and constituencies
27. Demonstrate the ability to facilitate effective transitions and endings that advance mutually agreed-on goals
28. Demonstrate the ability to select and use appropriate methods for evaluation of outcomes
29. Demonstrate the ability to apply knowledge of human behavior and the social environment, the person-in-the-environment perspective, and other multidisciplinary theoretical frameworks in the evaluation of outcomes
30. Demonstrate the ability to critically analyze, monitor, and evaluate intervention and program processes and outcomes
31. Demonstrate the ability to apply evaluation findings to improve practice effectiveness at the micro, mezzo, and macro levels
32. Demonstrate the ability to make ethical decisions in clinical social work practice by applying the standards of the NASW *Code of Ethics,* the NASW *Standards for Clinical Social Work in Social Work Practice,* the Georgia Composite Board of Professional Counselors, Social Workers, and Marriage and Family Therapist, Rules and Regulations Chapter 135-7, *Code of Ethics*, relevant laws and regulations, models for ethical decision-making, ethical conduct in research, and additional codes of ethics, as appropriate to the context.
33. Demonstrate an understanding of how personal experiences and affective reactions may impact professional clinical judgment and behavior along with strategies to effectively manage them
34. Demonstrate the ability to research and utilize culturally sensitive and effective services with children, families and/or vulnerable adults
35. Demonstrate the ability to effectively work with children, families and/or vulnerable adults from diverse populations
36. Demonstrate the ability to engage in practice with children, families and/or vulnerable adults in a manner that advances social, economic and/or environmental justice
37. Demonstrate the ability to effectively translate research findings into effective practice with children, families, and/or vulnerable adults
38. Demonstrate the ability to advocate with clients and constituencies to inform and influence agency, local, state, federal or global policies that impact children, families, and/or vulnerable adults
39. Demonstrate the ability to develop a culturally responsive professional relationship with children, families and/or vulnerable adult clients
40. Demonstrate the ability to effectively use multi-dimensional assessment tools with children, families and/or vulnerable adult clients
41. Demonstrate the ability to critically evaluate, select, and apply evidence-based interventions with children, families, and/or vulnerable adult clients
42. Demonstrate the ability to effectively collaborate with other professionals to coordinate appropriate services for children, families, and/or vulnerable adult clients
43. Demonstrate the ability to evaluate the processes and/or outcomes of clinical practice with children, families and/or vulnerable adult clients

Admissions Requirements

The MSW Application Packet contains several forms that must be completed before the file may be evaluated by the MSW Admissions Committee including:

1. An official transcript from each regionally accredited college or university attended. The applicant's undergraduate education must reflect a sound liberal arts foundation, including at least 21 credits in the humanities, the social sciences, the behavioral sciences, and the biological sciences. The transcript must show a cumulative grade point average of 3.0 or better (on a 4.0 scale).
2. Three professional letters of recommendation from persons who can address the applicant's ability and potential for successful graduate education and professional social work practice (e.g., former professors, employer, etc.), using the forms provided in the MSW Admissions Packet.
3. Completion of the Personal Narrative Statement, following the Personal Narrative Statement Outline form included in the MSW Admissions Packet
4. A professional resume. The applicant will submit a current resume that includes her/his complete work history. The applicant is asked to include a notation to explain any gaps in the work history.
5. Personal Interview. In some cases, a personal interview with the MSW Admissions Committee may be required in order to better evaluate the applicant's potential for successful advanced social work practice.

Regular Admission

For regular admission, the applicant must meet all the admission requirements of the Graduate Admission Office and the MSW program.

Provisional Admission

Applicants who do not fully meet the requirements for Regular Admission may be considered for Provisional Admission. The MSW Admissions Committee will evaluate each applicant on an individual basis. In some instances, the applicant may be required to fulfill prerequisites prior to provisional admission. An applicant under Provisional Admission is limited to nine semester hours and must achieve a grade of "B" or better in each course attempted. An applicant who attains less than a 3.0 cumulative GPA will be withdrawn from the MSW Program. Provisional Admission status will be converted to Regular Admission status when the applicant achieves a "B" or better in each course taken under Provisional Admission status.

Program of Study

The MSW program is designed for non-traditional graduate students, with classroom instruction beginning after 5:15pm in the evening. The MSW curriculum is guided by the Educational Policy and Accreditation Standards (EPAS) of our accrediting body, the Council of Social Work Education. Students must successfully complete 64 credit hours in order to receive the MSW degree. The curriculum consists of 32 credit hours in the Foundation Year courses followed by 32 credit hours in the Advanced Practice Year. Since the MSW program is very structured, all prerequisites must be met and courses must be completed in their correct sequence. Students who enroll in courses for which they have not met the prerequisites will be dropped from those courses. Any deviation from the official MSW Degree Plan will result in substantial delays of a year or more, due to the structured sequential nature of the MSW Program. Students are reminded that all requirements for the MSW degree must be completed within four years of their admission.

Curriculum

The MSW Program consists of 64 credit hours taken in the following order:

Code	Title	Semester Hours
SOWK 6020	Achieving Justice Diverse Wrld	3
SOWK 6021	Hum Behav/Social Environment	3
SOWK 6031	Direct Practice Methods	3
SOWK 6011	Social Welfare Policies & Prog	3
SOWK 6055	Foundation Field Experience I	3
SOWK 6051	Foundation Field Seminar I	1
SOWK 6032	Theory/Pract Families/Groups	3
SOWK 6033	Theory/Pract Comm/Organization	3
SOWK 6041	Research in Social Work	3
SOWK 6056	Foundation Field Experience II	3
SOWK 6052	Foundation Field Seminar II	1
SOWK 6000-level Elective		3
SOWK 7021	Family Dynam Through Life Cycl	3
SOWK 7041	Evaluation Practice Child/Fami	3
SOWK 7031	Assessment/Pract w/Child/Adole	3
SOWK 7055	Advanced Field Experience I	3
SOWK 7051	Advanced Field Seminar I	1
SOWK 7000-level Elective		3
SOWK 7032	Assessment and Practice w/Fami	3
SOWK 7033	Assess/Pract Vulnerable Adults	3
SOWK 7011	Legal/Ethical Iss Chld/Fam Pol	3
SOWK 7056	Advanced Field Experience II	3
SOWK 7052	Advanced Field Seminar II	1
SOWK 7000-level Elective		3
Total Semester Hours		64

Comprehensive Examination Policy

As required by the Georgia Board of Regents, a comprehensive examination is required of all MSW students. The examination is designed to test the ability of the student to demonstrate competencies in social work theory, practice, policy, and research. The examination is given in the Spring semester of the Specialized Practice year.

Degree Requirements

In order to graduate from the MSW Program, the graduate student must:

1. Earn a grade of "B" or better on all graduate work attempted, including transfer credits approved in advance of enrollment.
2. Have no incomplete grades.
3. Successfully pass the written MSW Comprehensive Examination.
4. Complete all requirements for the MSW degree within four years from the date of first enrollment.

SOWK 6011. Social Welfare Policies & Prog. (3 Credits)
Examines the history and current structures of social policies and services, the role of policy in service delivery and the role of practice in policy development. Cr. 3. Prerequisites: Admission to graduate school or the permission of the instructor.

SOWK 6020. Achieving Justice Diverse Wrld. (3 Credits)
Historical, political and socio-economic forces that maintain oppressive values, attitudes, and behaviors in society are examined. Prerequisites: Admission to graduate school or the permission of the instructor.

SOWK 6021. Hum Behav/Social Environment. (3 Credits)
Lays the theoretical groundwork for social work practice with individuals over the lifespan. Prerequisites: Admission to graduate school or the permission of the instructor.

SOWK 6031. Direct Practice Methods. (3 Credits)
Provides students with the knowledge, values and skills to engage, assess, intervene and evaluate individuals. Prerequisites: Admission to the MSW Program and completion of, or concurrent enrollment in, SOWK 6021.

SOWK 6032. Theory/Pract Families/Groups. (3 Credits)
Provides students with the knowledge, values and skills to engage, assess, intervene and evaluate families and groups. Prerequisites: Admission to the MSW Program and completion or concurrent enrollment in SOWK 6021.

SOWK 6033. Theory/Pract Comm/Organization. (3 Credits)
Provides students with the knowledge, values and skills to engage, assess, intervene and evaluate communities and organizations. Prerequisites: Admission to the MSW Program and completion or concurrent enrollment in SOWK 6021.

SOWK 6041. Research in Social Work. (3 Credits)
Provides students with the knowledge, values and skills to employ evidence-based interventions to evaluate practice. Prerequisites: Admission to graduate school or consent of the instructor.

SOWK 6051. Foundation Field Seminar I. (1 Credit)
Connects the theoretical and conceptual contribution of the classroom with the practical world of the field practice setting. Prerequisites: Concurrent enrollment in SOWK 6055: Foundation Field Experience I.

SOWK 6052. Foundation Field Seminar II. (1 Credit)
Connects the theoretical and conceptual contribution of the classroom with the practical world of the field practice setting. Prerequisites: Concurrent enrollment in SOWK 6056: Foundation Field Experience II.

SOWK 6053. Foundation Field Seminar Block. (2 Credits)

SOWK 6055. Foundation Field Experience I. (3 Credits)
MSW-supervised field experience of 225 clock hours. Prerequisites: Admission to the MSW program, successful completion of or concurrent enrollment in first year foundation coursework, concurrent enrollment in SOWK 6051: Foundation Field Seminar I, and written consent of the MSW Field Director.

SOWK 6056. Foundation Field Experience II. (3 Credits)
MSW-supervised field experience of 225 clock hours. Prerequisites: Admission to the MSW program, successful completion of first semester foundation coursework, completion of or concurrent enrollment in second semester foundation coursework, concurrent enrollment in SOWK 6052, and consent of MSW Field Director.

SOWK 6057. Foundation Field Exp Block. (6 Credits)

SOWK 6130. School Social Work. (3 Credits)
Overview of the various social work related theoretical perspectives, models, and programs for intervention with children and their families in school settings. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6131. Family Violence Across Lifespa. (3 Credits)
Examines the various forms of violence in families, including intimate partner abuse, child abuse and elder abuse. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6132. Grief/Loss in Soc Wrk Practice. (3 Credits)
This elective course examines theories and interventions related to grief and loss. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6133. Soc Wrk Prac w/Older Adults. (3 Credits)
Examines the development stages of later adulthood, the aging process and best practices in meeting the needs of older adults. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6134. Special Topics in Social Work. (3 Credits)
Topics vary from semester to semester depending on the needs and interest of the students and the southwest Georgia service area. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6460. International Social Welfare P. (3 Credits)

SOWK 7010. Ethic Decis Making in Sowk Pra. (3 Credits)
This course assists students acquire the knowledge base for identifying ethical issues and the skills necessary to resolve ethical dilemmas.

SOWK 7011. Legal/Ethical Iss Chld/Fam Pol. (3 Credits)
Critical examination of current and proposed policies impacting children, vulnerable adults and families over the lifespan. Prerequisites: Successful completion of all foundation year coursework or consent of instructor.

SOWK 7021. Family Dynam Through Life Cycl. (3 Credits)
Provides the advanced theoretical bases for understanding complex family processes over the lifespan. Prerequisites: Successful completion of all foundation year coursework or consent of instructor.

SOWK 7031. Assessment/Pract w/Child/Adole. (3 Credits)
Examination of theories of childhood and adolescent development, methods of assessment, and the facilitation of change. Prerequisites: Successful completion of all foundation year coursework and completion of, or concurrent enrollment in SOWK 7021.

SOWK 7032. Assessment and Practice w/Fami. (3 Credits)
Focuses on engagement, assessment, planning, and service provision to families. Prerequisites: Successful completion of all foundation year coursework and completion of, or concurrent enrollment in, SOWK 7021.

SOWK 7033. Assess/Pract Vulnerable Adults. (3 Credits)
Focuses on engagement, assessment and service provision with vulnerable adults. Prerequisites: Successful completion of all foundation year coursework and completion of, or concurrent enrollment in, SOWK 7021.

SOWK 7041. Evaluation Practice Child/Fami. (3 Credits)
Applying research knowledge and skill in social service programs for children and families over the lifespan. Prerequisites: Successful completion of all foundation year coursework or consent of instructor.

SOWK 7051. Advanced Field Seminar I. (1 Credit)
Opportunity to connect advanced coursework to social work practice with vulnerable children, families and adults in the field. Prerequisites: Concurrent enrollment in SOWK 7055: Advanced Field Experience I.

SOWK 7052. Advanced Field Seminar II. (1 Credit)
Continued opportunities to connect advanced coursework to social work practice with vulnerable children, families and adults in the field. Prerequisites: Concurrent enrollment in SOWK 7056: Advanced Field Experience II.

SOWK 7053. Advance Field Block Seminar. (2 Credits)

SOWK 7055. Advanced Field Experience I. (3 Credits)
Advanced MSW-supervised placement of 225 clock hours. Prerequisites: Completion of all foundation year course requirements, concurrent enrollment in SOWK 7021, SOWK 7031, SOWK 7041, SOWK 7051, and written consent of the MSW-Field Director.

SOWK 7056. Advanced Field Experience II. (3 Credits)
Advanced MSW-supervised placement of 225 clock hours. Prerequisites: Completion of all first seminar advanced coursework, SOWK 7031, SOWK 7033, SOWK 7011, concurrent enrollment in SOWK 7052, and written consent of the MSW Field Director.

SOWK 7057. Advance Field Experience Block. (6 Credits)

SOWK 7130. Soc Work Prac Abus/Neglect Fam. (3 Credits)
Examines the historical, legal and best social work practices with abusing and neglecting families. Prerequisites: Successful completion of all MSW foundation year coursework.

SOWK 7131. Psychopathology/Psychopharmaco. (3 Credits)
Prepares social workers to understand the medical model of mental health practice (e.g., DSM IV, mental health diagnosis, psychiatric treatment, medications, etc.). Prerequisites: Admission to the MSW programs or consent of the instructor.

SOWK 7132. Social Work with Groups. (3 Credits)
Knowledge, values and empirically-supported practice skills for competent group work with diverse children, adolescents and families. Prerequisites: Successful completion of all MSW foundation year course work.

SOWK 7133. Behav Methods Soc Wrk Practice. (3 Credits)
Examines the practices in behavioral interventions in a variety of settings. Prerequisites: Successful completion of all MSW foundation year course work.

SOWK 7134. Soc Wrk Prac Substnce Abus Fam. (3 Credits)
Provides theories and methods in the assessment, prevention, intervention and rehabilitation of substance abusers and their family members. Prerequisites: Successful completion of all MSW foundation year course work.

SOWK 7135. Soc Wrk Prac/Military Families. (3 Credits)
Evidence-based theories and methods in the assessment, prevention, intervention and rehabilitation with military veterans and their families. Prerequisites: Successful completion of all MSW foundation year course work.

SOWK 7136. Case Management. (3 Credits)
Provides knowledge regarding the historical development, processes and models for case management in the social services. Prerequisites: Successful completion of all MSW foundation year coursework.

SOWK 7137. Crisis Intervention. (3 Credits)
Examination of the impact of specific crises on individuals and families such as life-threatening illness, trauma, physical and mental disability, and death. Prerequisites; Successful completion of all MSW foundation year course work.

SOWK 7138. Supervision in the Social Scie. (3 Credits)
Provides the knowledge, values and skills necessary to provide competent supervision in social service organizations. Prerequisites: Successful completion of all MSW foundation year coursework.

SOWK 7139. Global Research. (3-6 Credits)
A variable content elective graduate course focusing on selected topics in social work and social welfare. Prerequisites: Admission to the MSW program and consent of the instructor.

SOWK 7141. Directed Independent Study. (3-6 Credits)
An individualized research study of a social work issue conducted under the direction and supervision of graduate faculty. Prerequisites: Admission to the MSW program, written consent of the sponsoring faculty member, and written consent of the MSW Program Director.

SOWK 7155. Field Experience Elective I. (1 Credit)
Requires 75 clock hours of elective field work in an approved MSW-supervised social work setting. Prerequisites: Admission to the MSW program and written consent of the MSW Field Director.

SOWK 7156. Field Experience Elective II. (2 Credits)
Requires 150 clock hours of elective field work in an approved MSW-supervised social work setting. Prerequisites: Admission to the MSW program and written consent of the MSW Field Director.

SOWK 7157. Field Experience Elective II. (3 Credits)
Requires 225 clock hours of elective field work in an approved MSW-supervised social work setting. Prerequisites: Admission to the MSW program and written consent of the MSW Field Director.

SOWK 7400. Policy in Rural Areas. (3 Credits)

Teacher Education

Mission and Objectives

The Department of Teacher Education offers the Master of Education (M.Ed.) degree in the various certification areas shown and several state-approved endorsements. The purpose of the M.Ed. degree program is to develop responsibility and leadership in classroom teaching and/or subject matter specialization. The program promotes critical thinking and creative reasoning skills in solving educational problems, a continual quest for knowledge and the ability to communicate effectively with students, parents, citizens and the community of educators. The program has the following objectives:

1. To prepare teachers and other school professionals to implement basic and applied research in education.
2. To promote the development of the essential observable competencies deemed significant for teachers and other school professionals.
3. To assure the acquisition of advanced knowledge in a field of concentration.
4. To provide a variety of experiences that enhance professional advancement opportunities for teachers and other school professionals.
5. To prepare students for further graduate study in the field of education.

- Early Childhood Education, Master of Education (p. 73)
- Middle Grades Education, Master of Education (p. 74)
- Secondary Education, Master of Education (http://catalog.asurams.edu/graduate/degree-programs/teacher-education/master-education-secondary-education)
- Special Education, Master of Education (p. 76)
- Teacher Education Endorsements (p. 77)

- Early Childhood Education, Master of Education (p. 73)
- Middle Grades Education, Master of Education (p. 74)
- Secondary Education, Master of Education (http://catalog.asurams.edu/graduate/degree-programs/teacher-education/master-education-secondary-education)
- Special Education, Master of Education (p. 76)
- Teacher Education Endorsements (p. 77)

ECEC 5500. Early Childhood Development. (3 Credits)
Advanced course in the physical, emotional, social and intellectual development of infants and young children through nine years of age and in observations of children in this age period for the purpose of applying principles and plotting developmental changes. Observation-laboratory experiences will be included to reflect on those observations. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5509. Theories, Design, and Program Development In Early Childhood Education. (3 Credits)
Provides for the analysis and evaluation of the needs of both student and teacher in differentiated learning environments in the preschool primary grades in early childhood education. Curricula design will address varied philosophies, theories and methods of teaching and supporting auxiliaries. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5512. Cultural Diversity In Early Childhood Education. (3 Credits)
Educational programs for young children with varied cultural and socioeconomic backgrounds. Opportunities will be provided for analysis and evaluation of these programs through selected field experiences and action research. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5518. Issues in Early Childhood Education. (3 Credits)
This course will focus on current research trends and issues, historical, philosophical and sociological influences that have shaped early childhood education. Controversial issues and alternative approaches to solve problems will be investigated.

ECEC 5525. Mathematical Experiences for Young Children. (3 Credits)
Theoretical viewpoints that have affected the teaching pre-mathematical and math concepts will be will be examined. Innovative mathematics projects and programs will be reviewed. Laboratory experiences will be arranged. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5527. Science Experiences for Young Children. (3 Credits)
Theoretical viewpoints which have affected the teaching of science concepts will be reviewed. Curriculum, method, materials and technologies will be analyzed and evaluated in view of current research and practices. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5535. Reading in Early Childhood Education. (3 Credits)
Focuses on the teacher's tasks in early childhood. Special attention to current approaches and such aspects as introduction to language symbols in the pre-school and the first grade, readiness, motivation and individual differences. The course includes relevant theory and practical applications of basic skills. Students will work with materials and techniques on various levels.

ECEC 5550. Social Studies in Early Childhood Education. (3 Credits)
This course will examine innovative techniques for teaching of social studies. Curriculum, methods and techniques will be analyzed and evaluated in view of current research and practices. Field experiences to include field-testing social studies projects will be required. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5551. Understanding and Teaching Alg. (3 Credits)
This course provides an in depth exploration of algebraic thinking, number systems, problem posing and problem solving in P-5 settings. Candidates will explore the algebraic content in their general classroom activities and practice algebraic thinking and representing mathematical models. The lessons will include strong emphasis on best practices for developing mathematical thinking in young children.

ECEC 5552. Understanding and Teaching Geometry. (3 Credits)
This course explores developmentally appropriate concepts in geometry and measurement. In addition to an overall focus on the development of mathematical thinking and language development, specific topics covered include theorems for the young child, circumference, perimeters, volume, metric system and navigating spatial relationships.

ECEC 5553. Understanding and Teaching Dat. (3 Credits)
This course launches an exploration into data analysis and probability in the P-5 classroom. Candidates will extend and refine their knowledge of data collection, organization, representation, analysis, and interpretation using real world sources and scenarios. Probability and basic concepts of chance will also be examined.

ECEC 5555. Creative Experiences in Early Childhood Education. (3 Credits)
Emphasizes a team teaching approach to the study of the creative process by use of selected topics of creative experiences in the living and learning of children. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

EDAS 5505. Introduction to Leadership. (3 Credits)
This course considers the application of leadership theory of educational agencies. Planning, goal-setting and implementation, problem solving, organizational development, and change, interpersonal and group relations and school climate are examined.

EDAS 5512. Integrating Technology I for Educational Leaders. (3 Credits)
This course prepares prospective educational leaders to apply technology and its applications in the larning enbironment with particular reference to performance-based curricula, millennium learners.

EDAS 5515. Curriculum and Instruction for Educational Leadership. (3 Credits)
A study of the recent trends in curriculum design with the emphasis on the newer media and ways and methods of implementing innovative instruction. This course includes a study of the principles, procedures, and components of curriculum development, interpretation of test scores, and use of assessment data, program evaluation, and instructional supervision.

EDAS 5525. School & Community Partnerships. (3 Credits)
Candidates study School-Community Relations and their impact on the school operations. Emphasis is on the influence of the social forces on the school.

EDAS 5535. Ethical & Legal Aspects of Education. (3 Credits)
A study of the ethical and legal foundation of public education as it relates to the rights and responsibilities of school personnel, parents and students. Emphasis will be place on policies and standards from the federal, state and local levels, with special emphasis on the Elementary and Secondary Education Act, Georgia law, and Georgia's Code of Ethics.

EDAS 5545. Curriculum, Instruction and School Leadership. (3 Credits)
The goal of this course is to provide recent trends in curriculum and instructional design, while providing an understanding of educational administration and the principles, procedures, and research of school improvement.

EDAS 5555. Preparing Educational Leaders for Diversity. (3 Credits)
The focus of the course is to assist school leaders in recognizing that encounters with "difference" promote the understanding of others, as well as self-understanding, and the appreciation and mutual respect of diverse perspectives and cultures. This recognition enables them to create a school environment that is welcoming, inclusive and increasingly diverse in pedagogy and practice.

EDAS 5575. Managing Human and Fiscal Resources in Schools. (3 Credits)
This course is designed to provide the candidate with the knowledge, skills, and dispositions from a building leader's perspective to both lead and manage fiscal and personnel school functions and other school resources. These include business procedures, fiscal accounting, and budgeting and personnel administration.

EDAS 5580. School Discipline Problems. (3 Credits)
Students analyze school climate, school discipline, school safety, and control of violence. The course focuses on constructing plans for controlling violence, safety, improving attendance, and reducing tardiness. As opposed to classroom management the course concentrates on school-wide management.

EDAS 5585. School Safety, Schoolwide Discipline, and Classroom Management. (3 Credits)
Candidates analyze school climate, school safety, school discipline and control of violence. This course has 3 major emphases: 1) school safety; 2) school-wide discipline, and 3) classroom management. The educational leader will demonstrate the ability to develop and implement a school safety plan; produce, articulate and disseminate a school-wide discipline plan; coach, support, teach and develop teachers as classroom managers.

EDAS 5595. Clinical Experiences in Educational Administration. (3 Credits)
The course includes completion of 250 clock hours of administrative experiences in eleven major areas of school administration as outlined in the Clinical Manual. Each candidate prepares an experience portfolio reflecting on all experiences. Logs are submitted to the instructor of the course.

EDAS 6000. Professionalism and Ethics. (3 Credits)
Educational leaders manage and develop faculty and staff members' professional skills and practices in order to drive student learning and achievement. Building an effective staff requires careful personnel recruitment, selection, assignment of responsibilities, support, evaluation, and retention. Additionally, leaders recognize the need for ethical educators. They safeguard the environment by setting, communicating, and enforcing clear standards for how educators are expected to conduct themselves with students, with one another, and within the broader community. A critical factor in establishing and maintaining a safe environment is appropriate and professional educator conduct.

EDAS 6015. Supervision, Curriculum and Instruction. (3 Credits)
This course is a research-based and a practical study of supervision as it applies to educators and the challenges they face. The course defines supervision as it relates to the complex demands being placed on principasl, central office administrators and teachers in today's educational setting. INTASC Standard will be included in the supervisory experiences with emphasis on learner development (Standard 1), planning for instruction (Standard 7), and instructional strategies (Stanmdard 8). The course provides opportunities for the candidate to perform real supervisory experiences in real time, in a real setting.

EDAS 6020. Assessment, Evaluation and Continuous Improvement. (3 Credits)
Educational leaders manage and develop faculty and staff members professional skills and practices in order to drive student learning and achievement. building an effective staff requires careful personnel recruitment, selection, assignment of responsibilities, support, evaluation, and retention. Additionally, leaders recognize the need for ethical educators. They safegaurd the enbironment by setting, communicating, and enforcing clear standards for how eduators are expected to conduct themselves with students, with one another, and within the broader community. A critical factor in establishing and maintaining a safe enbironment is appropriate and professional educator conduct.

EDAS 6025. Residency I. (5 Credits)
Canditates acquire leadership experiences under a S Beginning Leader Candidate Support Team (BLCST) including a coach/mentor who is practicing supervisor/administrator/leader and ASU personnel. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this course are performance-based. EDAS 6025 is designed for Ed.S. candidates to maximize opportunities and practices and to refine their skills in building level leadership. The experiences of this course include a Leadership Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) standards (using the LKES, assessing needs, and completing performance-based experiences in an authentic setting. The LKES is a performance appraisal process based on Georgia's Leadership Performance Standards and has been adopted by the PSC. These experiences will lead to RESidency II (EDAS 6035).

EDAS 6030. Seminar I. (1 Credit)
This course is designed to give candidates an opportunity to share experiences while participating in Residency I. Candidates will make presentations on various topics and reflect on their learning. Additionally, sessions will be held on professionalism, ethcs, legal aspects of leadership, GACE preparation, TKES and LKES simulations. Guest speakers will share their knowledge and experiences of being practicing school leaders.

EDAS 6035. Residency II. (5 Credits)
Candidates acquire leadership and administrative experiences under a Beginning Leader Candidate Support Team (BLCST) including a coach/mentor who is a practicing supervisor/administrator/leader and ASU personnel. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this course are perfornance-based. EDAS 6035 is designed for Ed.S. candidates to maximize opportunities and practices and to refine their skills to building level leadership. The experiences of this course include the continuation of an Administrative Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) standards for Specialists' Level preparation (using the LKES), assess needs, and completing performance-based experiences in an authentic setting. The LKES is a performance appraisal process based on Georgia's Leadership Performance Standards and has been adopted by the PSC.

EDAS 6040. Seminar II. (1 Credit)
This course is designed to give candidates an opportunity to share experiences while participating in Residency II. Candidates will make presentations on various topics and reflect on their learning. Additionally sessions will be held on professionalism, ethics, legal aspects of leadership, GACE preparation, TKES and LKES simulations. Guest speakers will share their knowledge and experiences of being practicing school leaders.

EDAS 6655. The Principal as Instructional Leader. (3 Credits)
This is an advanced course in school administration for students in the Education Specialist Performance-Based Program specializing in building level administration. Although some emphasis will be placed on management and structure of the school, the major focus in on the role of the principal in creating and maintaining a program of instructional excellence. Thus, every facet of the course will lead to creating a school leader who is able and willing to promote student achievement.

EDAS 6670. School Finance. (3 Credits)
This course is designed to provide the candidate with the basic principles of school finance, accounting procedures and an overview of school business management. Included is a review of the issues (and possible resolutions) that confront educational leaders, boards of education (BOE) and the public. Also included is the planning, preparation and administration of budgets. Candidates examine theories of financing public elementary and secondary schools with special attention to the Georgia requirements. Basic overview of taxation, bond issues and SPLOST are reviewed. This course is part of the performance-based specialist program. One third of the activities/assessment for this course are performance-based, while two thirds of the activities/assessment are content-based and practice-based. Performance-based activities from the Ed.S. Handbook are to be performed and recorded in the candidate's electronic portfolio. A verification for each activity by the candidate will be posted on verification form.

EDAS 6681. Recent Trends in Supervision. (3 Credits)
Recent trends in supervision are reviewed. The identification of problem arising in the practice of supervising as well as the evaluation procedures in today's schools will be presented.

EDAS 6685. School and Community Relations. (3 Credits)
Students study school-community relations and their impact on the school operation. Emphasis is on the influence of the social forces on the school.

EDAS 6702. Educational Leadership and School Improvement. (3 Credits)
This pre-service course for entrance into the Ed.S. program is one of two required of those candidates who have not completed a masters degree in educational leadership. This is primarily a content course with some application and performance. Emphasis is given to the study of leadership and school improvement. Candidates will learn the importance of analyzing data to plan and implement appropriate instructional experiences for students and to identify and analyze the measures of data to understand student learning needs.

EDAS 6708. Residency I District Level. (6 Credits)
Candidates acquire district level administrative experience under a practicing supervisor / administrator. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. Candidates to maximize opportunities and practices and to refine their skills in district level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic district level setting. These experiences will lead to Residency II EDAS 6770.

EDAS 6710. The Superintendent. (3 Credits)
This course is an intensive study of Research literature on the School Superintendent. The Executive Leadership responsibilities, roles, and styles with references on superintendent and school-board relationship will be considered. This course is part of a Performance-Based Educational Specialist Program. One hundred percent of the Activities and Assessments for this course are Performance-Based.

EDAS 6711. Software Systems in educational Administration. (3 Credits)
Students examine administrative computer software currently used in Georgia school systems such as pupil accounting, grade reporting, grade posting, food service accounting, class scheduling, discipline records, communication systems, multimedia presentation systems, activity fund accounting, general fund accounting, personnel records, purchasing, bus scheduling, maintenance and repair scheduling, payroll, budgeting and balance sheet preparation.

EDAS 6719. Residency I Building Level. (6 Credits)
Candidates acquire building level administrative experience under a practicing supervisor /administrator. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. candidates to maximize opportunities and practices and refine their skills in building level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic building level setting. These experiences will lead to the Residency II EDAS 6769.

EDAS 6733. Educational Policy. (3 Credits)
This course will combine in-depth knowledge of the textbook, reading of a paperback and study of selected websites on current educational issues, as well as class discussions and stringent question and answer sessions led by the instructor. Students will then be able to analyze a number of policy documents from their school system and provide an evaluation based on the material studied in this class.

EDAS 6769. Residency II Building Level. (6 Credits)
Residency II is a continuation of Residency I. Candidates acquire building level administrative experience under a BLCST. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this course are performance based. EDAS 6769 is designed for Ed.S. candidates to maximize opportunities and practices and to refine their skills in building level administration. The experiences of this course include the continuation of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation using the GaDOE Leader Keys, assess needs and complete performance-based experiences in an authentic building level setting.

EDAS 6770. Residency II for District Level Administrator. (6 Credits)
Candidates acquire district level administrative experience under a practicing supervisor / administrator This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. Candidates to maximize opportunities and practices and to refine their skills in district level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic district level setting.

EDRG 5594. Introduction to Theory & Pedagogy in Reading Education. (3 Credits)
This course is designed to provide an overview of foundational knowledge for reading instruction and practical, technological, and theoretical information about the reading and writing processes needed to instruct diverse populations are covered. Current research in the field of reading education is included to equip the teacher with a balanced perspective.

EDRG 5595. Diagnostic & Prescriptive Procedures in Reading Education. (3 Credits)
Focuses on using assessment tools to plan, evaluate, and revise effective instruction to meet the needs of all learners.

EDRG 5596. Content Area Literacy. (3 Credits)
Focuses on instructional strategies of literacy skills teachers can use to help learners transfer skills in specific content areas.

EDUC 5000. Professional Development for Accomplished Educators. (3 Credits)
This course focuses on the self-assessment of individual student understanding and application of mastery outcomes based on National Board for Professional Teaching Standards. Emphasis will be upon preparing educators to assess their practice using the rigorous guidelines for the NBTS process.

EDUC 5199. Orientation to Adv Prof Educ. (0 Credits)
This course is for Master of Education students entering an education program. The Orientation to Graduate Education provides students with the training and information needed to successfully navigate ASU teacher preparation program requirements. Students will receive training on the College of Education's Conceptual Framework; the requirements needed to successfully complete teacher preparation programs; learn to navigate Degreeworks to complete academic program plans of study; and learn to navigate LiveText for purposes of assessment and evaluation of Key Unit and Program specific assessments. All students will be required to purchase a LiveText account and have an active ASU account prior to participation in the course.

EDUC 5441. Culturally Responsive Teaching. (3 Credits)
Cultural difference influence classroom instruction and the performance of all students. This course is designed to prepare educators to teach in today's culturally diverse classrooms by providing them with a baseline of critical information and abilities, as well as a self-monitoring attitude to be successful. It presents students with the latest information on teacher effectiveness and specific suggestions on providing culturally responsive instruction in today's classrooms. The content of the course is performance-based and is designed for elementary through secondary professional educators.

EDUC 5443. Educational Assessment. (3 Credits)
This course is designed to facilitate students acquiring the fundamental concepts, principles, theories, and techniques of educational measurement and classroom assessment. The underlying premise for the value of such knowledge for educators is that it is necessary for sound educational decision-making. Moreover, students will acquire competence in the planning and development of informal classroom assessments and the evaluation of standardized tests.

EDUC 5444. Effective Teaching AndThe Arts. (3 Credits)
This course focuses on integrating effective teaching strategies into learning how to teach, improving teaching and teaching students how to learn. Activities will be developed for infants, toddlers, primaryand children through age 13. Laboratory required.

EDUC 5500. Educational Statistics. (3 Credits)
Application of basic descriptive statistics to education. Data graphs and tables, probability, sampling statistics, correlation and hypothesis testing are studied.

EDUC 5501. Educational Research. (3 Credits)
A study of research methods, procedures and design, including preparation of research abstracts. Writing reports in the field of education and related areas are presented.

EDUC 5502. Action/Classroom Research. (3 Credits)
A study of research methods, procedures and designs, including the preparation of research abstracts and action research as it applies to educational settings.

EDUC 5504. History of Education. (3 Credits)
A survey of major developments int he rise of public school in the U. S. from the colonial period to the present.

EDUC 5509. Philosophy of Education. (3 Credits)
A study of the basic tenets of education focusing on current issues and their basic assumptions in schools. The derivations of issues and practices are analyzed.

EDUC 5515. Adolescent Literature. (3 Credits)
Study of literary instruction and of selected literary works including drama, short story, poetry, essay and novel, relevant to the needs, values and interests of adolescents. Consideration is given to selection of materials, motivation of reading and the development of literary skills appreciation.

EDUC 5520. Language Concepts for M/Child. (3 Credits)
Focuses on elements of language study appropriate to middle childhood/ secondary including the history and nature of language, the grammar of English, dialects, usage, study skills, spelling, and handwriting.

EDUC 5524. Method and Materials in Teaching English. (3 Credits)
Instructional procedures, student activities, materials and evaluation of English in the middle and secondary schools.

EDUC 5528. Teaching Composition in Secondary Schools. (3 Credits)
Curriculum, methods and materials for teaching composition in secondary schools, including the theories, approaches, techniques and procedures from prewriting through evaluation.

EDUC 5531. Mathematics Concepts in Secondary Schools. (3 Credits)
Current problems in teaching mathematics in the secondary school with emphasis on defining objectives, analyzing content and individualized instruction.

EDUC 5540. Curriculum Principles. (3 Credits)
Models for curriculum development and the forces that bear on curriculum decision making will be studied. This is the basic course in principles of curriculum development for graduate students, including those from diverse backgrounds with a variety of career goals.

EDUC 5550. Foundation Principles in Education, Growth Development. (3 Credits)
This is an intensive course designed to provide foundational information to teacher education candidates that outlines the history of US public schooling, issues and trends in schooling , tenants of educational philosophy and educational psychology, and emphasizes the importance of cultural sensitivities and congruence during the educational process.

EDUC 5570. Strategies of Instruction in Science. (3 Credits)
Designed to introduce the professional teacher to the theories and practices of supervising student teaching nature of learning science, a system for instruction, instructional skills and evaluation of science teaching. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

EDUC 5590. Pract I:Internship ECEC Presch. (3 Credits)
Field-based experiences providing an opportunity for extensive training and application of knowledge with children in the area preschool of early childhood education.

EDUC 5591. Pract II:Intrnshp ECEC Primary. (3 Credits)
Field-based experiences providing an opportunity for extensive training and application of knowledge with children in the area preschool of early childhood education.

EDUC 5592. Applied Research in Teacher Education. (3 Credits)
This course is designed to introduce advanced teacher candidates to quantitative and qualitative strategies for educational data collection and analysis. By the end of the course, advanced candidates will be able to design and implement an action research study in order to improve student achievement, drive teacher instruction, and positively impact school performance.

EDUC 6000. Research I. (3 Credits)
The purpose of this course is to introduce candidates to quantitative and qualitative methods for conducting meaningful inquiry and research. Candidates will gain an overview of research intent and design, methodology and technique, format and presentation, and data managment and analysis informed by commonly used statistical methods. The course will develop each candidate's ability to use this knowledge to become more effective as school leaders.

EDUC 6005. Research II. (3 Credits)
This graduate level course provides for the development and completion of a research paper in educational leadership. Writing reports in the field of Education and related areas are presented. Research is focused on current problems in schools.

EDUC 6199. Orientation to Educational Specialist Program. (0 Credits)
Orientation to Educational Specialist Program provides candidates with the training and information needed to successfully navigate ASU's Educational Specialist program requirements. Candidates will receive training on the requirements needed to successfully complete the Educational Specialist preparation program; navigate LiveText for the purposes of assessment and evaluation of Key EPP and Program specific assessments. All candidates will be required to purchase a two-year LiveText account and have an active ASU account prior to participation in the course.

EDUC 7701. Advanced Educational Research. (3 Credits)
A study of research methods, procedures and design, including preparation of research abstracts. Writing reports in the field of education and related areas is presented. Action research is focused on current problems in schools.

ETEC 5521. Teaching Online in K-12 Settin. (3 Credits)
Teaching Online in K-12 Settin (3 credits) This course will introduce the theory and practice of online teaching and learning and specifically address this concept as it relates to learners in the K-12 environment. Emphasis is placed on understanding online teaching tools, managing the virtual student caseload, engaging the online learner, and individualizing instruction in the virtual classroom. Participants will develop the necessary knowledge and skills to teach in a K-12 virtual school setting using the internet as a conduit for instruction. In addition, participants will develop the skills necessary to supplement existing lessons with asynchronous and synchronous activities designed to meet individual learner needs. Offered: Fall.

ETEC 5522. Theoretical Founda of Edu Tech. (3 Credits)
Theoretical Founds of Edu Tech (3 credits) This course is an overview of critical and contemporary theories of learning and theoretical applications in educational technology and emerging orientations as well as implications for practice. This course explores foundations, history, perspectives, and literature that is applicable across educational disciplines. Candidates will be challenged to think more critically about their efforts and career goals. Offered: Fall.

ETEC 5523. Online Course Design. (3 Credits)
Online Course Design (3 credits) This course prepares candidates to engage in the instructional design process for developing and delivering effective learning experience in the classroom. Candidates will create technology- enhanced curriculum with written justification of design decisions. Offered: Spring.

ETEC 5524. Delivery of Inst in Online Tec. (3 Credits)
Delivery of Inst in Online Tee (3 credits) This online course provides a practical field experience wherein candidates will demonstrate their knowledge and skill of online instruction and engagement as outlined in Educator Prep Rule 505-3-85 which are necessary for success as a teacher with the endorsement. In addition, this course provides a space for candidates to showcase their research ability using the technology to enhance praxis and practices.

MGED 5520. Language Arts Concepts for Middle Childhood. (3 Credits)
This course focuses on the application of various concepts of language arts instruction for young adolescent students in the middle grades. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5530. Mathematics Concepts for Middle Childhood Education. (3 Credits)
Study of the following as they relate to the learning and teaching of middle grade mathematics: strategies and materials, the child's mathematical development and understanding and assessment. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5532. Methods and Materials of Teaching Middle Grades Mathematics. (3 Credits)
Instructional materials and evaluation in teaching mathematics in the middle school. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5540. Curriculum Principles. (3 Credits)
Selected topics will cover the historical development of the middle school, program goals, principles of curriculum development, organizational design of the middle school, instructional strategies and multiple authentic assessments. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5541. Nature and Curriculum Needs of the Middle Grades Student. (3 Credits)
An integrated in-depth study of the middle grades children with particular reference to their unique characteristics and needs. Selected topics will cover the historical development of the middle school, program goals, principles of curriculum development, organizational design of the middle school, instructional strategies and multiple authentic assessments. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5572. Methods and Materials of Teaching Science. (3 Credits)
This course focuses on activities that are selected from the newer curricula projects to give students an overview of each one at various grade levels. These activities are selected from environmental science; early science curriculum project; science curriculum improvement study; science: a process approach; elementary science; and others. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5581. Methods and Materials in Teaching Socials Studies. (3 Credits)
This course covers instructional procedures, materials, and evaluation in teaching social sciences. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

SPED 5501. Exceptional Child. (3 Credits)
A survey course satisfying House Bill 671 and focusing on the characteristics, identification, prevalence, and programming of exceptionality areas for which children and youth may obtain special educational services.

SPED 5510. Characteristics & Instruc Stra. (3 Credits)
A study of the commonality of characteristics leading to the identification, placement, and service delivery models for children/youth with mild disabilities and strategies to address identified needs of this student population. Emphasis will be placed on the guiding principles, implementation, and evaluative criteria for the inclusion of systematic instruction, task analysis, and behavioral management of children/youth with mild learning and behavioral problems.

SPED 5512. Characteristics of Children and Youth with Mild Learning, Intellectual, or Behavioral Disabilities. (3 Credits)
A study of the commonality of characteristics leading to the identification, placement, and service models for children with mild learning and behavior problems. Prerequisites: SPED 5501 or SPED 2265.

SPED 5515. Nature and Characteristics of Intellectual Disabilities. (3 Credits)
Study of the nature and characteristics of children and youth eligible for services in intellectual disabilities on the severe, moderate, and mild levels. Prerequisite SPED 5501 or 3231.

SPED 5516. Nature & Charac of Gifted. (3 Credits)
GIFT 5516 has been designed as one semester introduction to and overview of the field of gifted education. Topics include: theoretical and historical contexts; characteristics of gifted learners; influences on gifted learners (family, community, culture, etc.); identification of gifted, talented and creative learners; instructional models and practices; legislation and policy guidelines; and current issues in the field. This course will has been designed as a "hybrid" course involving both face to face (f2f) and online instructional activities, including: lecture, small & large group discussion, student presentations, expert presentations, and various types of "observations" of gifted learners and learning environments.

SPED 5522. Teaching the Preschool Exceptional Child. (3 Credits)
This course emphasizes the methods, modes of evaluating, and other skills required for the teaching of preschool handicapped infants and toddlers. The areas to be covered include stimulation training, readiness programing, academic and social awareness, and service delivery systems.

SPED 5524. Instructional Strategies for Teaching the Mildly Disabled. (3 Credits)
Principles, implementation and evaluative criteria for inclusion of systematic instruction, task analysis and behavioral management used for the instruction of children/youth with mild learning and behavioral problems.

SPED 5525. Instructional Strategies for Intellectual Disabilities. (3 Credits)
The cyclical process of assessment, planning, implementation, and evaluation is emphasized. Teaching methods and materials for group instruction, as well as individualized instruction is highlighted.

SPED 5529. Instr Methods in Gifted Edu. (3 Credits)
This Course explores concepts, strategies, methods, and techniques of teaching the gifted student. Opportunities are provided for development of strategies based on principles of gifted education. Special emphasis will be devoted to selection of strategies for the development of creativity. Offered: Summer.

SPED 5530. Counseling Parents for Exceptional Children. (3 Credits)
Practicing teachers are taught to take a developmental approach to their subject, focusing on the uniqueness of each family and each child from infancy, through the primary grades, to middle school, high school, and adulthood.

SPED 5536. Curriculum for Gifted Edu. (3 Credits)
The course explores how appropriate curricula for the gifted is a response to the cognitive and affective needs which may be unique to gifted learners as well as those they share with their peers. Participants will examine modifications in the content, process, product, affect, and learning environment of classroom and curricula as they relate to gifted learners. They will gain experience in developing concept-based, open-ended, flexibly paced curriculum that can be implemented in the classroom immediately. Offered: Summer.

SPED 5542. Behavior Modification for Special Education Students. (3 Credits)
Application of behavior modification principles and behavior analysis in both general and special education classrooms.

SPED 5545. Educational Assessment of Exceptional Children. (3 Credits)
Focuses on the use of evaluation to determine classification and eligibility, to plan individualized education programs (IEPs) and to evaluate teacher effectiveness and pupil progress.

SPED 5547. Behavior Management of Exceptional Children. (3 Credits)
An eclectic approach to behavior management. Affective psychodynamic techniques, ecological and environmental arrangements and behavior modification principles and the primary theoretical systems that are explored.

SPED 5563. Issues in Interrelated Special Education. (3 Credits)
Focuses on the current trends and issues affecting special educators. Objectives for the teacher competency tests in special education are addresses and studied.

SPED 5570. Practicum in Interrelated Special Education. (3 Credits)
Field-based experiences provide an opportunity for extensive training and application of knowledge with exceptional children and youth in the areas of mild intellectual disabilities, behavior disorders and specific learning disabilities.

SPED 5580. Directed Studies in Research and Reading in Special Education. (3 Credits)
Intensive study in selected areas in the field of special education with application of knowledge in a written format, such as a grant proposal, research article, or journal publication. Advisors permission is required.

SPED 5590. Teaching of Reading and Math to Exceptional Learners. (3 Credits)
A study of specialized reading and math techniques and strategies for use with students with learning disorders includes diagnosis, remediation, and determination of readability levels, error analysis and corrective strategies.

Early Childhood Education, Master of Education

This program leads to the T-5 certification in Early Childhood Education and is designed to prepare master teachers to work with children in grades PreK-5. This program also provides knowledge and skills for teachers to serve in leadership roles in curriculum development, supervision and research in the field of Early Childhood Education.

The purpose of the M.Ed. in Early Childhood Education is to promote leadership for PreK-5 populations. Candidates complete 36 hours of courses designed to augment resourceful and imaginative problem-solving skills for PreK-5 populations. All classes implement the College of Education's conceptual framework: Reflective transformative practitioner, culturally-responsive practitioner, technologically-competent practitioner.

Candidates have to be admitted by the Graduate Admissions Office before being admitted into the program.

Objectives

The objectives of the Master's of Education program in Early Childhood Education is to provide teachers with the opportunities to:

I. Use teaching practices that align with current research

2. Expand their knowledge and skills in a chosen area of educational interest;

3. Present academically-challenging instructions to PreK-5 to students;

4. Integrate new materials and methods of teaching practices for diverse PreK-5 populations;

5. Encourage interest in conducting research;

6. Increase competencies in research techniques; and

7. Encourage relevant action research, which they can use to become more effective in their classrooms.

Comprehensive Examination

The purpose of the comprehensive examination is to assess the student's knowledge of learning experiences that have been introduced in the M.Ed. degree in Early Childhood Education program. The exam will address specific objectives from the middle grades curriculum and both content concentrations.

In partial fulfillment of the M.Ed., in Early Childhood Education, students are required to pass a comprehensive examination. This examination is administered the semester of expected graduation or upon completion of required coursework. A student is eligible to take the comprehensive examination only if his/her grade-point average is 3.0 or higher and no course grade is lower than "B" in Area C of the program. Students may not take the comprehensive examination more than once in an academic semester. A third failure on the comprehensive examination results in automatic termination from the degree program.

Admissions Requirements

Admission to the Early Childhood Education Program requires an undergraduate degree in Early Childhood Education, or the equivalent, from an accredited college. In addition, the following is required

- a clear renewable state of GA teaching certificate in the discipline
- three letters of recommendations
- writing sample
- College of Education Disposition Statement

If students lack a sufficient background in Early Childhood Education, they may be required to take additional undergraduate courses before beginning the M.Ed. program in Early Childhood Education. Students are also governed by the general admission procedures and requirements for the graduate school and the M.Ed. degreeprogram, and they may matriculate in the Early Childhood Education program under the same categories of admission.

PROGRAM OF STUDY

Code	Title	Semester Hours
AREA A: Nature of the Learner and Behavior Problems (3 Hours)		3
SPED 5501	Exceptional Child	
SPED 5542	Behavior Modification for Special Education Students	
EDUC 5550	Foundation Principles in Education, Growth Development	
AREA B: Programs and Problems of the School (3 Hours)		3
EDUC 5504	History of Education	
EDUC 5540	Curriculum Principles	
EDUC 5509	Philosophy of Education	
AREA C: Teaching Field (18 Hours)		
ECEC 5512	Cultural Diversity In Early Childhood Education	3
ECEC 5525	Mathematical Experiences for Young Children	3
ECEC 5527	Science Experiences for Young Children	3
ECEC 5550	Social Studies in Early Childhood Education	3
EDRG 5594	Introduction to Theory & Pedagogy in Reading Education	3
ECEC 5509	Theories, Design, and Program Development In Early Childhood Education	3
EDUC 5199	Orientation to Adv Prof Educ [1]	0
AREA D: Educational Research (Minimum 3 Hours)		3
EDUC 5500	Educational Statistics [2]	
EDUC 5502	Action/Classroom Research	
EDUC 5592	Applied Research in Teacher Education	
AREA E: Teaching Field/Electives (minimum 9 Hours)		9
EDUC 5500	Educational Statistics	
EDUC 5000	Professional Development for Accomplished Educators	
ECEC 5500	Early Childhood Development	
ECEC 5518	Issues in Early Childhood Education	
Total Semester Hours		36

[1] Required course

[2] Prerequisite for EDUC 5502

Middle Grades Education, Master of Education

This program leads to the T-5 certification in Middle Grades Education and is designed to prepare master teachers to work with children in grades 4-8. This program also provides knowledge and skills for teachers to serve in leadership roles in curriculum development, supervision and research in the field of Middle Grades Education.

The purpose of the M.Ed. in Middle Grades Education is to promote leadership for 4-8 populations. Candidates complete 36 hours of courses designed to augment resourceful and imaginative problem-solving skills for 4-8 populations. All classes implement the College of Education's conceptual framework: Reflective transformative practitioner, culturally-responsive practitioner, technologically-competent practitioner. Candidates have to be admitted by the Graduate Admissions Office before being admitted into the program.

Objectives of the Program

The basic objective of the Master's of Education program in Middle Grades Education is to provide teachers with the opportunity to:

1. Compare their teaching practices with current research based practices and make changes where necessary;
2. Extend their knowledge and skills in a chosen area of educational interest;
3. Present intellectually challenging thoughts and practices to students;
4. Integrate new materials and methods of teaching into students' teaching repertoire;
5. Encourage interest in conducting research;
6. Increase competencies in research techniques; and
7. Increase students' ability to recognize relevant research, which they can use to become more effective in their classrooms.

Comprehensive Examination

In partial fulfillment of the M.Ed., in Middle Grades Education, students are required to pass a comprehensive examination. This examination is administered the semester of expected graduation or upon completion of required coursework. A student is eligible to take the comprehensive examination only if his/her grade-point average is 3.0 or higher and no course grade is lower than "B" in Area C of the program. Students may not take the comprehensive examination more than once in an academic semester. A third failure on the comprehensive examination results in automatic termination from the degree program.

The purpose of the comprehensive examination is to assess the student's knowledge of learning experiences that have been introduced in the M.Ed. degree in Middle Grades Education program. The exam will address specific objectives from the middle grades curriculum and both content concentrations.

Admission to the Program

Admission to the Middle Grades Education Program requires an undergraduate degree in Middle Grades Education, or the equivalent, from an accredited college. In addition, the following is required

- a clear renewable state of GA teaching certificate in the discipline
- three letters of recommendations
- writing sample
- College of Education Disposition Statement

If students lack a sufficient background in Middle Grades Education, they may be required to take additional undergraduate courses before beginning the M.Ed. program in Middle Grades Education. Students are also governed by the general admission procedures and requirements for the graduate school and the M.Ed. degree program, and they may matriculate in the Middle Grades Education program under the same categories of admission.

Program of Study

Code	Title	Semester Hours
Area A: Nature of the Learner and Behavior Problems		
Select a minimum of 3 semester hours of the following:		3
SPED 5501	Exceptional Child	
SPED 5542	Behavior Modification for Special Education Students	
EDUC 5550	Foundation Principles in Education, Growth Development	
Area B: Programs and Problems of the School		
Select a minimum of 3 semester hours of the following:		3
EDUC 5504	History of Education	
EDUC 5509	Philosophy of Education	
EDUC 5540	Curriculum Principles	
Area C: Teaching Field		
EDUC 5199	Orientation to Adv Prof Educ (Required)	0
Select a minimum of 9 semester hours from primary area and 9 semester hours from secondary area		18
Mathematics		
MGED 5530	Mathematics Concepts for Middle Childhood Education	
MGED 5532	Methods and Materials of Teaching Middle Grades Mathematics	
MATH 5311	Geometry of Teachers***	
MATH 5202	Technology -Oriented Mathematics	
Language Arts		
MGED 5520	Language Arts Concepts for Middle Childhood	
EDRG 5594	Introduction to Theory & Pedagogy in Reading Education	
EDRG 5595	Diagnostic & Prescriptive Procedures in Reading Education	
EDRG 5596	Content Area Literacy	
ENGL 5615	Adv Exposition	
Science		
ISCI 5500	Integrated Earth Science	
ISCI 5530	Integrated Physical Science I	
ISCI 5531	Integrated Physical Science II	
ISCI 5515	Selected Topics in Biology	
EDUC 5570	Strategies of Instruction in Science	
Social Science		
SSCI 5580	Social Studies Concepts and Issues	
SSCI 5583	Social Studies for Global Understanding	
SSCI 5581	Methods/Material - Soc Studies	
Area D: Educational Research and Statistics (minimum 3 hrs)		3
EDUC 5500	Educational Statistics [1]	
EDUC 5502	Action/Classroom Research	
EDUC 5592	Applied Research in Teacher Education	
Area E: Educational Electives (minimum of 9 hours to be selected with advisor)		
Select 9 semester hours from the following:		*9*
MGED 5541	Nature and Curriculum Needs of the Middle Grades Student	
EDUC 5000	Professional Development for Accomplished Educators	
SPED 5501	Exceptional Child	
SPED 5512	Characteristics of Children and Youth with Mild Learning, Intellectual, or Behavioral Disabilities	
Total Semester Hours		36

Special Education, Master of Education

The M.Ed. degree program in Special Education leads to the T-5 certification in Interrelated Special Education (mildly disabled) and Intellectual Disabilities (MR). Any person who has T-4certification in a teaching field or who has completed a four- year degree program outside the field of teaching and meets the other admission criteria may pursue the master's-level programs. A degree in intellectual disabilities leads to certification in mental retardation. (Add-on verification requires a passing score on Praxis I/GACE Basic for admission and a passing score on Praxis II/GACE Content prior to the practicum.)

The purpose of the M.Ed. Special Education is to promote leadership for K-12 populations. Candidates complete 36 hours of courses designed to augment resourceful and imaginative problem-solving skills for K-12 populations. All classes implement the College of Education's conceptual framework: Reflective transformative practitioner, culturally-responsive practitioner, technologically-competent practitioner. Candidates have to be admitted by the Graduate Admissions Office before being admitted into the program.

Objectives

The objectives of the Masters of Special Education program in Special Education is to provide teachers with the opportunities to:

1. Use teaching practices that align with current research

2. Expand their knowledge and skills in a chosen area of educational interest;

3. Present academically-challenging instructions to K-12 to students;

4. Integrate new materials and methods of teaching practices for diverse K-12 populations;

5. Encourage interest in conducting research;

6. Increase competencies in research techniques; and

7. Encourage relevant action research, which they can use to become more effective in their classrooms.

Comprehensive Examination

The purpose of the comprehensive examination is to assess the student's knowledge of learning experiences that have been introduced in the M.Ed. degree Special Education The exam will address specific objectives from the middle grades curriculum and both content concentrations.

In partial fulfillment of the M.Ed., Special Education, students are required to pass a comprehensive examination. This examination is administered the semester of expected graduation or upon completion of required coursework. A student is eligible to take the comprehensive examination only if his/her grade-point average is 3.0 or higher and no course grade is lower than "B" in Area C of the program. Students may not take the comprehensive examination more than once in an academic semester. A third failure on the comprehensive examination results in automatic termination from the degree program.

Admission to the Special Education Program requires an undergraduate degree in Special Education, or the equivalent, from an accredited college. In addition, the following is required

- a clear renewable state of GA teaching certificate in the discipline
- three letters of recommendations
- writing sample
- College of Education Disposition Statement

If students lack a sufficient background in Special Education, they may be required to take additional undergraduate courses before beginning the M.Ed. program in Special Education. Students are also governed by the general admission procedures and requirements for the graduate school and the M.Ed. degree program, and they may matriculate in the Special Education program under the same categories of admission.

PROGRAM OF STUDY

Code	Title	Semester Hours
AREA A: Nature of the Learner and Behavior Problems (3 Hours)		3
SPED 5501	Exceptional Child	
SPED 5542	Behavior Modification for Special Education Students	
EDUC 5550	Foundation Principles in Education, Growth Development	
AREA B: Programs and Problems of the Schools		3
EDUC 5504	History of Education	
EDUC 5509	Philosophy of Education	
EDUC 5540	Curriculum Principles	
AREA C: Teaching Field (18 Hours)		
SPED 5510	Characteristics & Instruc Stra	3
SPED 5545	Educational Assessment of Exceptional Children [1]	3
SPED 5563	Issues in Interrelated Special Education	3
SPED 5570	Practicum in Interrelated Special Education	3
SPED 5590	Teaching of Reading and Math to Exceptional Learners	3
EDRG 5595	Diagnostic & Prescriptive Procedures in Reading Education [3]	3
EDUC 5199	Orientation to Adv Prof Educ	0
AREA D: Educational Research and Statistics (3 Hours)		3
EDUC 5500	Educational Statistics [2]	
EDUC 5502	Action/Classroom Research	
EDUC 5592	Applied Research in Teacher Education	
AREA E: Educational Electives (Minimum 9 Hours)		9
EDRG 5594	Introduction to Theory & Pedagogy in Reading Education [3]	
EDRG 5596	Content Area Literacy [3]	
ESOL 5501	Meth & Mat of Tchng ESOL	
ESOL 5502	Instructional Strategies	
ESOL 5503	Applied Linguistics	
ESOL 5504	Multicultural Educ Issues	
SPED 5516	Nature & Charac of Gifted	
SPED 5529	Instr Methods in Gifted Edu	
SPED 5536	Curriculum for Gifted Edu	
SPED 5545	Educational Assessment of Exceptional Children	
Total Semester Hours		36

1 SPED 5545-if not taken in Area C can be taken for credit in Area E

2 Prerequisite for EDUC 5502

[3] Eligible to receive Reading Endorsement with the completion of all three courses: EDRG 5594, EDRG 5595, EDRG 5596.

Teacher Education Endorsements

The Department of Teacher Education offers several state-approved teaching endorsements. The program is designed for persons who have earned a Master's Degree and wants to add an endorsement to their certificate. All courses in an area must be completed with a grade of at least a "B."

Credits usable in the planned program must not be older than six calendar years at the time the endorsement is completed.

All endorsement courses must be completed at Albany State University.

ESOL Endorsement

Code	Title	Semester Hours
ESOL 5501	Meth & Mat of Tchng ESOL	3
ESOL 5502	Instructional Strategies	3
ESOL 5503	Applied Linguistics	3
ESOL 5504	Multicultural Educ Issues	3
Total Semester Hours		12

Reading Endorsement

Minimum three-year teaching requirement for endorsement

Code	Title	Semester Hours
EDRG 5594	Introduction to Theory & Pedagogy in Reading Education	3
EDRG 5595	Diagnostic & Prescriptive Procedures in Reading Education	3
EDRG 5596	Content Area Literacy	3
Total Semester Hours		9

Gifted Endorsement

Code	Title	Semester Hours
SPED 5516	Nature & Charac of Gifted	3
SPED 5529	Instr Methods in Gifted Edu	3
SPED 5536	Curriculum for Gifted Edu	3
SPED 5545	Educational Assessment of Exceptional Children	3
Total Semester Hours		12

K – 5 Science Endorsement

Code	Title	Semester Hours
ISCI 5500	Integrated Earth Science	3
ISCI 5501	Integrated Found of Phys Scien	3
ISCI 5515	Selected Topics in Biology	3
ISCI 5564	Integrated Science Concepts	3
Total Semester Hours		12

K – 5 Mathematics Endorsement

Code	Title	Semester Hours
ECEC 5551	Understanding and Teaching Alg	3
ECEC 5552	Understanding and Teaching Geometry	3
ECEC 5553	Understanding and Teaching Dat	3
Total Semester Hours		9

Online Teaching Endorsement

Code	Title	Semester Hours
ETEC 5521	Teaching Online in K-12 Settin	3
ETEC 5522	Theoretical Founda of Edu Tech	3
ETEC 5523	Online Course Design	3
ETEC 5524	Delivery of Inst in Online Tec	3
Total Semester Hours		12

Courses

- #
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- B (p. 78)
- C (p. 78)
- D
- E (p. 78)
- F (p. 78)
- G
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- R
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- X
- Y
- Z

A

- Accounting (ACCT) (p. 78)

B

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- Business Administration (BUSA) (p. 80)

C

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- Criminal Justice (CRJU) (p. 82)
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E

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- Education Endorsement Reading (EDRG) (p. 86)
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- English Speakers of Other Lang (ESOL) (p. 91)

F

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- French (FREN) (p. 92)

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- Leadership Development (LEAD) (p. 93)

M

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- Management Health Care (MGHC) (p. 96)
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N

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P

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- Social Science (SSCI) (p. 104)
- Social Work (SOWK) (p. 104)
- Special Education (SPED) (p. 106)
- Supply Chain & Logistics Mgmt (LOGM) (p. 107)

W

- Water Policy (WRMP) (p. 107)

Accounting (ACCT)

ACCT 5200. Accounting/Financial Management Concepts. (1 Credit)
An overview course of financial and managerial accounting and financial management. This is an accelerated prerequisite MBA course for ACCT 6102 and FINC 6101. Waivers will be granted to students who have completed ACCT 2101, ACCT 2102, and FINC 3105 or equivalent courses with grades of "C" or better.

ACCT 6000. Internship in Accounting. (6 Credits)
Provides an opportunity for students to gain practical experience while working in a business or govenmental agency. Students are required to work full-time in their area of concentration during a summer term or semester. Intership is coordianted by a faculty member and spervised by an approved business supervisor. A final report and oral presentation are required. The course final grade is "S"(satifactory performance) or "U" (unsatisfactory performance).

ACCT 6101. Accounting Analysis for Decision Making. (3 Credits)
This course is designed to familiarize the student with applications of accounting data in decision making; cost analysis as applied in the development of budgets; and standards as an accounting tool for cost control and pricing. A case problem that requires students to interpret and discuss their analysis in the context of managerial decision-making is used. Offered: Fall.

ACCT 6102. Managerial/Cost Accounting II. (3 Credits)
This is a study of budgeting, standard costing, cost-volume profit analysis, performance evaluation, and variable costing. also covers new developments in the area of costing Prerequisite: ACCT 6101. Offered: Spring .

ACCT 6106. Tax Reasearch. (3 Credits)
A course designed to apply the concepts learned in Tax Accounting I. Library research and case analysis are used to develop a deeper understandig of income tax applications. Prerequisite: ACCT 4121.

ACCT 6107. Accounting Theory. (3 Credits)
The study of the conceptual theory underlying accounting and the development of accounting principles within conceptual theory. Emphasis is placed on accounting objectives and the cost, revenue, income, asset, and equity concepts. Prerequisites: ACCT 3102. Offered: Fall .

ACCT 6108. International Accounting. (3 Credits)
A study of the international dimension of accounting as it relates to the multinational corporation and the international environment. Prerequisite: ACCT 2102.

ACCT 6112. Advanced Auditing I. (3 Credits)
A detailed study of audit procedures includes audit sampling, tests of controls, and substantive tests. Prerequisite: ACCT 6101. Offered: Summer .

ACCT 6122. Tax Accounting II. (3 Credits)
The study of the income tax law regarding the alternative minimum tax, property transactions, corporations, partnerships, estates and trusts, and the gift and estate tax. Prerequisite: 4121.

ACCT 6131. Advanced Accounting I. (3 Credits)
This course is a study of financial accounting and reporting related to partnerships, branches, segmental and interim reporting. Prerequisite: ACCT 6101. Offered: Fall .

ACCT 6132. Advanced Accounting II. (3 Credits)
Financial accounting and reporting related to business combinations and consolidations and for foreign operations. Prerequisite: ACCT 3103.

ACCT 6141. Municipal Accounting. (3 Credits)
Fund theory, generally accepted accounting principles, and accounting practice and reporting for state and local governments. Prerequisite: ACCT 6101. Offered: Summer .

ACCT 6142. Not-For-Profit Accounting. (3 Credits)
This course covers fund theory, generally accepted accounting principles, and accounting practice and reporting for hospitals, colleges and universities, and other not-for profit entities. Prerequisite: ACCT 6141.

Biology (BIOL)

BIOL 5001. Selected Topics in Biology. (3 Credits)

BIOL 5002. Innovative Developmts in Bio. (3 Credits)

BIOL 5003. Biotechnology. (3 Credits)

BIOL 5004. Microbiology. (3 Credits)

BIOL 5005. Biological Chemistry. (3 Credits)

BIOL 5010. Selected Topics in Zoology. (3 Credits)

BIOL 5011. Biology of the Invertebrates. (3 Credits)

BIOL 5011K. Biology of Invertebrates. (3 Credits)

BIOL 5012. Parasitology. (3 Credits)

BIOL 5013. Mammalian Anatomy. (3 Credits)

BIOL 5014. Mammalian Physiology. (3 Credits)

BIOL 5020. Selected Topics in Botany. (3 Credits)

BIOL 5021. Vegetation of South Georgia. (3 Credits)

BIOL 5022. Plant Biology. (3 Credits)

BIOL 5023. Nonvascular Plants. (3 Credits)

BIOL 5024. Vascular Plants. (3 Credits)

BIOL 5030. Selected Topics in Human Bio. (3 Credits)

BIOL 5030K. Selected Topics in Human Biolo. (3 Credits)

BIOL 5040. Genetics. (3 Credits)

BIOL 5050. Ecology. (3 Credits)

BIOL 5051. Selected Topics in Ecology. (3 Credits)

BIOL 5052. Evolution and Nature of Sci. (3 Credits)

BIOL 5501. Selected Topics in Botany. (3 Credits)
This course will emphasize the principles of vascular plant functions including hormonal regulation of growth and development. The topics will be selected to reflect the interest and needs of the students participating in the course.

BIOL 5502. Selected Topics in Zoology. (3 Credits)
This course will emphasize basic concepts of invertebrate zoology. The students (in-service teachers) in the course will help determine course content based upon their specific needs.

BIOL 5503. Selected Topics in Human Biology. (3 Credits)
This course will emphasize various aspects of human morphology and physiology. The topics will be selected to reflect the interests and needs of the students participating in the course.

BIOL 5504. Ecology. (3 Credits)
This course will emphasize principles and concepts of modern ecology. Investigative activities will include analysis of aquatic (marine and freshwater) terrestrial ecosytems.

BIOL 5505. Biology of the Invertebrates. (3 Credits)
Biology of the invertebrates is an advanced study of the taxonomy, anatomy, physiology, life history and ecology of invertebrates. Protozoa through the echinodermata are covered.

BIOL 5506. Genetics. (3 Credits)
A review of the basic principles of inheritance and classical genetics with detailed emphasis on molecular genetics, population and eugenics will be covered in this course.

BIOL 5507. Vegetation of South Georgia. (3 Credits)
This course will include a study of the common trees, shrubs and herbs of South Georgia. Emphasis will be placed upon the angiosperms of the area. Collections will comprise a major part of the course.

BIOL 5508. Parasitiology. (3 Credits)
A detailed study of the common parasites of man and domestic animals will be investigated in this course. Some emphasis will be placed on life cycles and vectors.

BIOL 5509. Mammalian Anatomy. (3 Credits)
This course will involve a study of the gross and microscopic structures of various mammalian organ systems. Emphasis will reflect the needs of the students taking the course.

BIOL 5510. Microbiology. (3 Credits)
This course will emphasize concepts and principles of bacteria, fungi and other microbial groups. Some attention will be given to morphological, physiological and biochemical relationships in these groups.

BIOL 5511. Nonvascular Plants. (3 Credits)
An evolutionary survey of the plant kingdom with emphasis on comparative morphology and evolution of the algae, fungi and bryophytes will be conducted in this course.

BIOL 5512. Vascular Plants. (3 Credits)
This course introduces the student to the structure and development of vegetative and reproductive organs of vascular plants, especially those associated with angiosperms and gymnosperms.

BIOL 5513. Mammalian Physiology. (3 Credits)
This course will emphasize the homeostatic mechanisms of such organ systems as cardiovascular, nervous, gastrointestinal, respiratory and genital urinary.

BIOL 5514. Biology Chemistry. (3 Credits)
This course is the study of the biologically important molecules and their metabolism and reactions in living systems.

BIOL 5515. Selected Topics in Biology. (3 Credits)
This course will enhance and reinforce biological concepts and principles for biology teachers. Emphasis will also be placed on biology methodology and computer utilization for middle grades and secondary teachers.

BIOL 5516. Innovative Developments in Biology. (3 Credits)
This course will address biological concepts in the areas of cell biology, genetics and metabolism for middle grades and secondary teachers. Emphasis will be placed on increasing teachers' knowledge and understanding in identifying, applying and analyzing recent biology concepts, processes and principles and increasing teachers' understanding and skills in using the methods of science through the use of open-ended investigations.

BIOL 5517. Selected Topics in Ecology. (3 Credits)
This course will address ecological concepts in northern, middle and coastal areas of Georgia for middle grades and secondary teachers. Emphasis will be placed on addressing current ecological issues that incorporate hands-on field activities into the learning process.

BIOL 5518. Biotechnology. (3 Credits)
This course will emphasize the study of gene structure and regulation. It is designed to acquaint students with current concepts and issues in biotechnology and to explore its applications in plant, animal, biomedical, human society and the global environment.

BIOL 5519. Plant Biology. (3 Credits)
Particular attention will be placed on the identification, selection and use of materials for correlating the study of plants with other subjects. The teacher will develop a base of knowledge that will enhance his/her effectiveness in planning and executing laboratory and field exercises in botany that complement lecture presentation.

BIOL 5520. Evolution and the Nature of Science. (3 Credits)
The nature of science and the fundamentals governing its origin will be presented in relation to current problems affecting the maintenance of life on earth. Special emphasis will be placed on the interaction of biological and cultural evolution and the alternatives to extinction that challenge contemporary man.

BIOL 5521. Hydrology/Water Use Efficiency. (3 Credits)
This course is designed to introduce concepts basic to hydrology and irrigation. Fundamental characteristics of aqufers - tributrary and non-tributary - are discussed along with their relevance for policy issues. Irrigation techniques and water use efficiency are discussed.

BIOL 5522. Enviro and Nat Resour. (3 Credits)
This course provides an overview of the economic principles, public policy instruments, and current practice involved in the management and conservation of natural and environmental systems. Emphasis is on the basic economic, ecology, principles and concepts that are necessary for effective resource management.

BIOL 5523. Water Resources/Envr Plan. (3 Credits)
This course provides the basic concepts necessary for applying benefit cost analysis to water projects and issues.

BIOL 5524. Water Law. (3 Credits)
This course is designed to introduce students without a background in law to basic legal concepts that are of critical importance for the design and implementation of water policies. Included will be a review of all major court decisions concerning equitable apportionment and their relevance for contemporary water policy.

Business Administration (BUSA)

BUSA 6100. Independent Study In Business Administration. (3 Credits)
Special research projects underaken by MBA students under the directionof the MBA graduate faculty. Students are required to conduct independant research and write scholarly papers.

BUSA 6105. International Business. (3 Credits)
Introduction to international business and teh multinational corporation. Topics include development of international business, the institutional and economic environment of global business, legal and socioeconomic factors affecting multinational corporations, and the planning and operation of international business. Offered: Spring.

Counselor Education (COUN)

COUN 5000. Introduction to Counseling Profession. (3 Credits)
This course offers an introduction and orientation to the counseling profession. The course includes studies of the history and philosophy of the profession; contemporary and emerging trends in counseling; professional organizations, publications, credentialing requirements including certification and licensure and accreditation standards; advocacy, public policy, and ethical codes that shape professional practice.

COUN 5001. Introduction to Professional Writing. (3 Credits)
This is an introductory course in professional writing. Scholarly writing using APA publication comprises the primary course activity.

COUN 5002. Professional Issues in Counseling. (3 Credits)
This critical thinking course will assist students with conceptualization and synthesis of current issues and trends in Professional Counseling. Through review and critical analysis of counseling research and publications, will deepen students' knowledge of trends and issues influencing the profession.

COUN 5003. Leadership and Advocacy. (3 Credits)
This course helps students understand and facilitate the use of traditional and new (leadership and advocacy) counseling skills to promote the academic, career, and personal/social development of students within systems.

COUN 5500. Theories of Counseling. (3 Credits)
This course introduces students to the theories and principles of counseling, alternative theoretical strategies and the process of counseling. Points of convergence and divergence will be discussed.

COUN 5501. Lifespan Development. (3 Credits)
This course offers an introduction to the study of human development from conception through death. Theories of development of physical, psychological, psychosocial, cognitive, moral aspects of human development are presented. The course also explores environmental and genetic factors, developmental crises and transitions, family development, and community influences as they relate to optimal and exceptional development.

COUN 5504. Foundations of Rehabilitation Counseling. (3 Credits)
This course presents the history and philosophy of rehabilitation counseling. The course will discuss public and private vocational rehabilitation systems; relevant legislation; professional credentialing issues including certification, licensure, and accreditation; systems knowledge of healthcare, education, and rehabilitation; and public policy and advocacy strategies for counselors and consumers. The ecological perspective and ethical codes of conduct will be discussed.

COUN 5506. School Counseling Foundations. (3 Credits)
This course provides an overview of principles of school counseling. Counseling services, practices and basic concepts relating to organization and operation of school counseling programs are offered. Emphasis is placed on theories of human growth and development and the implementation of a developmentally appropriate school counseling program. Prerequisite: Permission of Program Coordinator.

COUN 5508. Introduction to Mental Health Counseling. (3 Credits)
Students are introduced to the history, philosophy, and theoretical foundations of the clinical mental health counseling professions, including the scope of practice, credentialing, professional roles, functions, and relationships with other helpers. This course provides an overview of the clinical mental health counseling program; self-care strategies appropriate to the counselor role; professional organizations and licensure; and the roles of professional counselors in advocacy and the promotion of social justice.

COUN 5510. Assessment in Counselor Education. (3 Credits)
Students in this course are provided with an overview of assessments used in counseling, rehabilitation, and education as well as the responsibilities of counselors using assessments. Students learn about the tests used in clinical, educational, and organizational settings, and they examine the psychometric properties used to develop and evaluate these instruments. Topics included in this course are statistical concepts, and common assessment formats for measuring constructs such as personality, pathology, achievement, aptitude, and career interests. There will also be a focus on assessment critique, administration and interpretation of assessment results, and incorporating assessment results into work with clients and students. Prerequisite: Admission to the Counselor Education Program.

COUN 5512. Counseling Strategies and Techniques. (3 Credits)
An experimental approach to more effective interpersonal communication, this course offers the opportunity for awareness, personal growth and understanding of self and other, and communication of that self-awareness and understanding. This course is designed to teach basic skills of the helping relationship and the structure of the basic counseling interview. Through skills practice, students develop a better understanding of the relationship between theory and practice. Prerequisite: COUN 5500.

COUN 5514. Counseling Children and Adolescents. (3 Credits)
This course covers salient considerations for counseling children and adolescents, emphasizing the effects of such factors as disability, cultural diversity, substance abuse, behavioral disorders, and academic development. Students learn appropriate strategies and techniques to assess behavior and meet the needs of children and adolescents and common medications that affect learning, behavior, and mood in children and adolescents. Simulation, observations, and in-class role plays are incorporated throughout this course. Prerequisites: COUN 5501 and COUN 5512.

COUN 5515. Group Counseling and Dynamics. (3 Credits)
The experiential course emphasizes the nature of groups and the dynamics of group interaction as well as the legal and ethical standards related to group counseling. Students design, implement, and facilitate counseling groups. Prerequisite: COUN 5512.

COUN 5517. Couples and Family Counseling. (3 Credits)
Using a systems prespective for understanding the dynamics of families and couples, this course provides students with theories, knowledge, and skills related to major models of family counseling and related interventions as wess as a rationale for selecting appropriate modalities for assessment and counseling. Prerequisite: COUN 5512.

COUN 5519. Addiction Counseling. (3 Credits)
This course provides an orientation to and introductory framework for recognizing and treating addictions and abuses. Students develop conceptual knowledge, practical skills, and self-awareness concerning the etiology of addiction, assesment strategies, and diagnosis and treatment planning as evidenced in the current professional literature. Theories of addiction counseling and application of these theories comprise a significant part of this course. Co-occuring disorders, such as process addictions and mental illnesses are also addressed. Prerequisite: COUN 5500.

COUN 5520. Multicultural Counseling Theory and Practice. (3 Credits)
An examination of relationships, issues and trends in the context of a diverse society related to such factors as culture, ethnicity, nationality, age, gender, sexual orientation, mental and physical characteristics,family, religious and spiritual values, education, socioeconomic status and the unique characteristics of individuals, couples, families, ethnic groups, and communities. Prerequisite: COUN 5500.

COUN 5525. Case Management. (3 Credits)
This course covers case management concepts, systems, processes and competencies necessary for effective service delivery to persons with disabilities and their families. Information regarding the range and level of community and professional resources, service, and products that facilitate the quality of life, independent living, and work for individuals with disabilities in rural settings is integrated into the course; strategies for caseload management, cost effective service coordination, vendor selection, conflict management, and evaluation are addressed. Prerequisites: COUN 5504, 5550, 5551, 5510.

COUN 5528. School Counseling P-12. (3 Credits)
This course of the application of counseling at the elementary, middle, and secondary school levels. Emphasis is placed on the design and implementation of a comprehensive school counseling program. Peer facilitation, alternative programs and assessing the need for programs, informing administrators, teachers, parents and students about services, advertising, and recruitment will be covered. Prerequisite: COUN 5500.

COUN 5529. School Counseling Curriculum and Program Coordination. (3 Credits)
This course examines the organization of comprehensive, developmental school counseling programs in the elementary, middle, and high schools, as well as the design and implementation of the school counseling curriculum for grades P-12. The counselor's role as program coordinator focuses upon needs assessments, curriculum planning and implementation, time and resource management, public relations, and program evaluation. Ethical and diversity issues are emphasized in designing curricula and delivery strategies to address the developmental needs of all students. Prerequisite: COUN 5528.

COUN 5531. Career Development and Counseling. (3 Credits)
This course focuses on career development theories and decision making models use of occupational and labor market information, technology-based career market information, technology-based career information systems, career development, and educational planning. Prerequisite: COUN 5500.

COUN 5532. Vocational Development and Placement. (3 Credits)
This course provides an overview of vocational development and placement services, including labor market analysis, job analysis, work-site modification and restructuring, employer contacts, supported employment, and retention. The course also discusses the application of technology to the employment of persons with disabilities, post-employment services, job coaching, and natural supports. Prerequisites: COUN 5504, COUN 5531.

COUN 5540. Prevention, Intervention, and Consultation. (3 Credits)
The course will help students to develop the skills and techniques for effective consultation with clients, educators, parents, and community referral resources, and other clinicians. Theoretical and practical application and practice of specific skills essential to prevention, intervention, and collaboration are emphasized. Prerequisites: COUN 5528 or COUN 5525 or COUN 5508.

COUN 5550. Medical and Psychosocial Aspects of Disability I. (3 Credits)
This course examines contemporary models of adjustment to disability and explores the impact of culture, individual diversity, and sociological dynamics on disability. Medical terminology and diagnostic criteria and functional limitations are introduced. Prerequisite: COUN 5504.

COUN 5551. Medical and Psychosocial Aspects of Disability II. (3 Credits)
This course explores disabilities from a systems perspective and incorporates fundamental information regarding medical terminology, diagnostic criteria and functional limitations, medical practitioners, assistive technologies, and health care systems as well as adjustment to disability. Consumer adjustment to disability, psychosocial, cultural, and other contextual factors that impact persons with disabilities will be infused throughout this course. Prerequisite: COUN 5550.

COUN 5560. Diagnosis and Treatment. (3 Credits)
This course provides a framework for understanding the major diagnostic categories of the Diagnostic and Statistical Manual. Emphasis is given to the principles and practices that relate to the psychopathology, DSM diagnosis, etiology and assessment, systematic treatment planning, interviewing, and short- and long-term interventions. Students examine techniques commonly used for the diagnosis and treatment of cognitive, emotional, and developmental disorders as well as for psychophysiological and psychosocial programs. Through coursework and discussions, students consider multicultural factors that complicate diagnosis as well as current trends and contemporary issues in clinical assessment and diagnosis. Prerequisite: COUN 5700.

COUN 5561. Psychopharmacology. (3 Credits)
This course provides an overview of psychotropic medications used in the management of mental, behavioral, and addictive disorders in children and adults. Students will explore basic anatomical, physiological, and chemical characteristics of the nervous system to understand the rationale for using medications, along with their limitations and side effects. Additionally, students explore related historical, social, ethnic, and cultural factors related to counseling and psychotropic medical treatment. Prerequisite: COUN 5560.

COUN 5570. Practicum. (3 Credits)
Students complete at least 100 clock hours of supervised clinical experience conducive to the modeling, demonstration, and development of counseling skills. The practicum requires 40 hours of direct service with clients, including experience in individual counseling. Counseling interview will be recorded. Background checks and proof of professional liability insurance coverage are required. Prerequisites: COUN 5501, 5512, 5515, 5531, 5600 or permission of Program Coordinator.

COUN 5575. Selected Topics in Counseling. (3 Credits)
This seminar features a combination of lecture, discussion, resarch and presentations. Topics vary each time course is offered. This course may be repeated for credit under different topics. Prerequisites: Permission of the Program Coordinator.

COUN 5595. Internship. (3 Credits)
Internship provides a supervised 600 clock hours of clinical experience in setting. Interns must complete at least 240 direct service clock hours, including experience in individual counseling and group work, and supervision by the University Supervisor and the cooperating onsite counselor. Prerequisite: COUN 5570, or Permission of the Program Coordinator.

COUN 5596. Thesis. (3 Credits)
This class offers students the opportunity to develop and defend their research under the supervision of their thesis advisor. Prerequisites: COUN 5570 or Permission of Program Coordinator.

COUN 5598. Internship II. (3 Credits)
This course is a continuation of COUN 5595. In this course, students complete their supervised, 600 clock hour internship in a setting appropriate for their specialized field of training. The requirement includes completion of 240 direct service clock hours and supervision by the university supervisor and the cooperating onsite counselor. Prerequisite: COUN 5595.

COUN 5600. Legal and Ethical issues in Counseling. (3 Credits)
Legislative, judicial and ethical mandates germane to professional counselors are presented in this course. Current issues including such topics as confidentiality, use of assessment instruments, family issues, professional identity, and an examination of the ACA Code of Ethics and other professional standards will be covered.

COUN 5610. Crisis Counseling and Intervention. (3 Credits)
This course provides an overview of the types and models of crisis intervention. Consideration of organization, and client variables including developmental needs, diversity and cultural issues, as well as primary, secondary, and tertiary prevention are addressed. Prerequisite: COUN 5512.

COUN 5620. Research and Program Evaluation for Counselors. (3 Credits)
This course presents research methodology, philosophical, ethical, and training issues; major qualitative and quantitative designs; methodological issues, and professional research issues. Students complete training on human subjects review. Prerequisites: COUN 5510 or permission of coordinator.

Criminal Justice (CRJU)

CRJU 5100. Foundations of Criminal Justice. (3 Credits)
A survey of the total criminal justice system including crime causation, police, courts, corrections, and juvenile delinquency, private security, research and planning.

CRJU 5110. Theory and Philosophy of Criminal Justice. (3 Credits)
This course is an overview of the history, philosophy, and practices of the criminal justice system. The course will provide an introduction to major theories of the policy making process, examines methods of policy analysis, and apply these methods to the study of contemporary criminal justice issues. Emphasis will be placed on professional ethics, the nature of law and punishment, the overview of the criminal justice system; law enforcement; court system; and how criminal justice problems are conceptualized and brought to the attention of policymakers, how policy unfolds, and how these responses are implemented, evaluated and revised overtime.

CRJU 5400. Organization and Administration of Criminal Justice System. (3 Credits)
A study of theories of bureaucracy, the exercise of power, and the functional relations between police, courts, and corrections.

CRJU 5600. Reasearch Methodology In Criminal Justice. (3 Credits)
A study of theory construction, hypothesis development, operationalization, and modes of data collection.

CRJU 5610. Research Statistics in Criminal Justice. (3 Credits)
An examination of parametric and non-parametric statistical methods, inferential statistics, tests of significance, and hypothesis testing.

CRJU 6000. Survey of Law Enforcement. (3 Credits)
This course provides a comprehensive and advanced overview of the law enforcement systems in the United States focusing on local, county, state, and federal law enforcement agencies. The course will examine divergent philosophies, models and various operational systems of law enforcement agencies and allows students to gain a deeper understanding of law enforcement practices, duties, and responsibilities encountered as engaged by law enforcement professionals at various levels of operations. The course will also focus on the overlapping functions, conflicts and contradictions as well as some ethical issues and dilemmas associated with law enforcement practices and operations.

CRJU 6100. Policing in a Democratic Society. (3 Credits)
A study of the conflict between individual liberty and social control agencies, public acceptance of the order maintenance function of the police, the pros and cons of present limitations on police authority.

CRJU 6110. The Social Service Role of Criminal Justice Personnel. (3 Credits)
A study of the officer's role in the field of social service to the community. Topics covered are human relations, social dynamics and crisis management. Police responsibilities to the elderly, juveniles and the mentally disturbed are stressed.

CRJU 6120. Law Enforcement Operations. (3 Credits)
An examination of law enforcement responsibilities and the allocations of resources to meet the role. Topics covered include managing criminal investigations, patrol operations, crime prevention, mass media relations and criminal court procedures.

CRJU 6200. Management Science. (3 Credits)
This course focuses on the implementation of criminal justice policies, planning, criminal justice management, decision-making and communications as basic management activities, budgetary processes and personnel management.

CRJU 6400. Foundations of Corrections. (3 Credits)
A survey of the history of punishment, prisons and penology in America. The social, intellectual and institutional environment in which corrections evolved is discussed. Analysis of the punishment experience as see by prison officials and offenders.

CRJU 6410. Administration of Psychological Tests. (3 Credits)
Supervised training in the administration, scoring and interpretation of tests of intelligence, aptitude, interest and personality.

CRJU 6420. Interviewing and Counseling. (3 Credits)
An examination of the purpose and principles of effective interviewing. Analysis of individual problems and the process of problem-solving with criminal justice clients. Emphasis is placed on learning experiences to help unmotivated, involuntary clients.

CRJU 6430. Rehabilitation and Treatment. (3 Credits)
Development of frame of reference for rational treatment of offenders through description, examination and practice of treatment methods. Analysis of methods employed by correctional institutions to prepare inmates for reintegration into their environment upon release is also included.

CRJU 6440. Management of Correctional Institutions. (3 Credits)
An analysis of the organization and management of various types of correctional facilities. Focus is on personnel selection and training, legal and administrative requirements, security, maintenance, program implementation and staffing.

CRJU 7001. Thesis Seminar. (3 Credits)
The purpose of the thesis is to apply theories and techniques to relevant questions in the discipline of criminal justice. Students should pose the research question in the context of the police, the courts or corrections. The thesis topic must be approved and evaluated by the advisor.

CRJU 7002. Thesis. (3 Credits)
This course includes the analysis of data collected from appropriate research designs including computer analysis and appropriate statistical tests of significance, or a review of literature and theories or concepts that lend themselves to a thesis topic.

CRJU 7003. Technology and Criminal Justice. (3 Credits)
This course familiarizes graduate students with the various uses of technology in the criminal justice system and raises ethical and legal issues with its use. Students in the non-thesis option may substitute MGMT 6205 Management Information Systems or PADM 6011 Computer Applications for Public Administration.

CRJU 7004. Criminal Justice Program Evaluation. (3 Credits)
This course is designed to familiarize students with techniques that are utilized in evaluating the effectiveness of public programs and policies. The course is appropriate for all non-thesis graduate students. Students may substitute PADM 5823 Public Program Evaluation for the course.

Curriculum and Instruction (EDUC)

EDUC 5000. Professional Development for Accomplished Educators. (3 Credits)
This course focuses on the self-assessment of individual student understanding and application of mastery outcomes based on National Board for Professional Teaching Standards. Emphasis will be upon preparing educators to assess their practice using the rigorous guidelines for the NBTS process.

EDUC 5199. Orientation to Adv Prof Educ. (0 Credits)
This course is for Master of Education students entering an education program. The Orientation to Graduate Education provides students with the training and information needed to successfully navigate ASU teacher preparation program requirements. Students will receive training on the College of Education's Conceptual Framework; the requirements needed to successfully complete teacher preparation programs; learn to navigate Degreeworks to complete academic program plans of study; and learn to navigate LiveText for purposes of assessment and evaluation of Key Unit and Program specific assessments. All students will be required to purchase a LiveText account and have an active ASU account prior to participation in the course.

EDUC 5441. Culturally Responsive Teaching. (3 Credits)
Cultural difference influence classroom instruction and the performance of all students. This course is designed to prepare educators to teach in today's culturally diverse classrooms by providing them with a baseline of critical information and abilities, as well as a self-monitoring attitude to be successful. It presents students with the latest information on teacher effectiveness and specific suggestions on providing culturally responsive instruction in today's classrooms. The content of the course is performance-based and is designed for elementary through secondary professional educators.

EDUC 5443. Educational Assessment. (3 Credits)
This course is designed to facilitate students acquiring the fundamental concepts, principles, theories, and techniques of educational measurement and classroom assessment. The underlying premise for the value of such knowledge for educators is that it is necessary for sound educational decision-making. Moreover, students will acquire competence in the planning and development of informal classroom assessments and the evaluation of standardized tests.

EDUC 5444. Effective Teaching AndThe Arts. (3 Credits)
This course focuses on integrating effective teaching strategies into learning how to teach, improving teaching and teaching students how to learn. Activities will be developed for infants, toddlers, primaryand children through age 13. Laboratory required.

EDUC 5500. Educational Statistics. (3 Credits)
Application of basic descriptive statistics to education. Data graphs and tables, probability, sampling statistics, correlation and hypothesis testing are studied.

EDUC 5501. Educational Research. (3 Credits)
A study of research methods, procedures and design, including preparation of research abstracts. Writing reports in the field of education and related areas are presented.

EDUC 5502. Action/Classroom Research. (3 Credits)
A study of research methods, procedures and designs, including the preparation of research abstracts and action research as it applies to educational settings.

EDUC 5504. History of Education. (3 Credits)
A survey of major developments int he rise of public school in the U. S. from the colonial period to the present.

EDUC 5509. Philosophy of Education. (3 Credits)
A study of the basic tenets of education focusing on current issues and their basic assumptions in schools. The derivations of issues and practices are analyzed.

EDUC 5515. Adolescent Literature. (3 Credits)
Study of literary instruction and of selected literary works including drama, short story, poetry, essay and novel, relevant to the needs, values and interests of adolescents. Consideration is given to selection of materials, motivation of reading and the development of literary skills appreciation.

EDUC 5520. Language Concepts for M/Child. (3 Credits)
Focuses on elements of language study appropriate to middle childhood/ secondary including the history and nature of language, the grammar of English, dialects, usage, study skills, spelling, and handwriting.

EDUC 5524. Method and Materials in Teaching English. (3 Credits)
Instructional procedures, student activities, materials and evaluation of English in the middle and secondary schools.

EDUC 5528. Teaching Composition in Secondary Schools. (3 Credits)
Curriculum, methods and materials for teaching composition in secondary schools, including the theories, approaches, techniques and procedures from prewriting through evaluation.

EDUC 5531. Mathematics Concepts in Secondary Schools. (3 Credits)
Current problems in teaching mathematics in the secondary school with emphasis on defining objectives, analyzing content and individualized instruction.

EDUC 5540. Curriculum Principles. (3 Credits)
Models for curriculum development and the forces that bear on curriculum decision making will be studied. This is the basic course in principles of curriculum development for graduate students, including those from diverse backgrounds with a variety of career goals.

EDUC 5550. Foundation Principles in Education, Growth Development. (3 Credits)
This is an intensive course designed to provide foundational information to teacher education candidates that outlines the history of US public schooling, issues and trends in schooling , tenants of educational philosophy and educational psychology, and emphasizes the importance of cultural sensitivities and congruence during the educational process.

EDUC 5570. Strategies of Instruction in Science. (3 Credits)
Designed to introduce the professional teacher to the theories and practices of supervising student teaching nature of learning science, a system for instruction, instructional skills and evaluation of science teaching. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

EDUC 5590. Pract I:Internship ECEC Presch. (3 Credits)
Field-based experiences providing an opportunity for extensive training and application of knowledge with children in the area preschool of early childhood education.

EDUC 5591. Pract II:Intrnshp ECEC Primary. (3 Credits)
Field-based experiences providing an opportunity for extensive training and application of knowledge with children in the area preschool of early childhood education.

EDUC 5592. Applied Research in Teacher Education. (3 Credits)
This course is designed to introduce advanced teacher candidates to quantitative and qualitative strategies for educational data collection and analysis. By the end of the course, advanced candidates will be able to design and implement an action research study in order to improve student achievement, drive teacher instruction, and positively impact school performance.

EDUC 6000. Research I. (3 Credits)
The purpose of this course is to introduce candidates to quantitative and qualitative methods for conducting meaningful inquiry and research. Candidates will gain an overview of research intent and design, methodology and technique, format and presentation, and data managment and analysis informed by commonly used statistical methods. The course will develop each candidate's ability to use this knowledge to become more effective as school leaders.

EDUC 6005. Research II. (3 Credits)
This graduate level course provides for the development and completion of a research paper in educational leadership. Writing reports in the field of Education and related areas are presented. Research is focused on current problems in schools.

EDUC 6199. Orientation to Educational Specialist Program. (0 Credits)
Orientation to Educational Specialist Program provides candidates with the training and information needed to successfully navigate ASU's Educational Specialist program requirements. Candidates will receive training on the requirements needed to successfully complete the Educational Specialist preparation program; navigate LiveText for the purposes of assessment and evaluation of Key EPP and Program specific assessments. All candidates will be required to purchase a two-year LiveText account and have an active ASU account prior to participation in the course.

EDUC 7701. Advanced Educational Research. (3 Credits)
A study of research methods, procedures and design, including preparation of research abstracts. Writing reports in the field of education and related areas is presented. Action research is focused on current problems in schools.

Early Childhood Education (ECEC)

ECEC 5500. Early Childhood Development. (3 Credits)
Advanced course in the physical, emotional, social and intellectual development of infants and young children through nine years of age and in observations of children in this age period for the purpose of applying principles and plotting developmental changes. Observation-laboratory experiences will be included to reflect on those observations. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5509. Theories, Design, and Program Development In Early Childhood Education. (3 Credits)
Provides for the analysis and evaluation of the needs of both student and teacher in differentiated learning environments in the preschool primary grades in early childhood education. Curricula design will address varied philosophies, theories and methods of teaching and supporting auxiliaries. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5512. Cultural Diversity In Early Childhood Education. (3 Credits)
Educational programs for young children with varied cultural and socioeconomic backgrounds. Opportunities will be provided for analysis and evaluation of these programs through selected field experiences and action research. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5518. Issues in Early Childhood Education. (3 Credits)
This course will focus on current research trends and issues, historical, philosophical and sociological influences that have shaped early childhood education. Controversial issues and alternative approaches to solve problems will be investigated.

ECEC 5525. Mathematical Experiences for Young Children. (3 Credits)
Theoretical viewpoints that have affected the teaching pre-mathematical and math concepts will be will be examined. Innovative mathematics projects and programs will be reviewed. Laboratory experiences will be arranged. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5527. Science Experiences for Young Children. (3 Credits)
Theoretical viewpoints which have affected the teaching of science concepts will be reviewed. Curriculum, method, materials and technologies will be analyzed and evaluated in view of current research and practices. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5535. Reading in Early Childhood Education. (3 Credits)
Focuses on the teacher's tasks in early childhood. Special attention to current approaches and such aspects as introduction to language symbols in the pre-school and the first grade, readiness, motivation and individual differences. The course includes relevant theory and practical applications of basic skills. Students will work with materials and techniques on various levels.

ECEC 5550. Social Studies in Early Childhood Education. (3 Credits)
This course will examine innovative techniques for teaching of social studies. Curriculum, methods and techniques will be analyzed and evaluated in view of current research and practices. Field experiences to include field-testing social studies projects will be required. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ECEC 5551. Understanding and Teaching Alg. (3 Credits)
This course provides an in depth exploration of algebraic thinking, number systems, problem posing and problem solving in P-5 settings. Candidates will explore the algebraic content in their general classroom activities and practice algebraic thinking and representing mathematical models. The lessons will include strong emphasis on best practices for developing mathematical thinking in young children.

ECEC 5552. Understanding and Teaching Geometry. (3 Credits)
This course explores developmentally appropriate concepts in geometry and measurement. In addition to an overall focus on the development of mathematical thinking and language development, specific topics covered include theorems for the young child, circumference, perimeters, volume, metric system and navigating spatial relationships.

ECEC 5553. Understanding and Teaching Dat. (3 Credits)
This course launches an exploration into data analysis and probability in the P-5 classroom. Candidates will extend and refine their knowledge of data collection, organization, representation, analysis, and interpretation using real world sources and scenarios. Probability and basic concepts of chance will also be examined.

ECEC 5555. Creative Experiences in Early Childhood Education. (3 Credits)
Emphasizes a team teaching approach to the study of the creative process by use of selected topics of creative experiences in the living and learning of children. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

Economics (ECON)

ECON 6100. Independent Study in Economics. (3 Credits)
Special economic research projects undertaken by MBA students under the direction of Economics graduate faculty. Students required to conduct independent research and write scholarly papers. (Must have completed 21 hours of MBA level course work.)

ECON 6106. Economics for Managers. (3 Credits)
This course is an overview of basic economic theory applied to modern business decision making. It will cover major macroeconomics and microeconomic concepts that are important to managers working withon the American economy. This course is designed to develope student's understanding of how to efficiently achieve the goals of the firm and their ability to recognize how economic forces affect the organization. Prerequiste: ECON 2105 and ECON 2106 or ECON 5200 Offered: Spring.

Education Endorsement Reading (EDRG)

EDRG 5594. Introduction to Theory & Pedagogy in Reading Education. (3 Credits)
This course is designed to provide an overview of foundational knowledge for reading instruction and practical, technological, and theoretical information about the reading and writing processes needed to instruct diverse populations are covered. Current research in the field of reading education is included to equip the teacher with a balanced perspective.

EDRG 5595. Diagnostic & Prescriptive Procedures in Reading Education. (3 Credits)
Focuses on using assessment tools to plan, evaluate, and revise effective instruction to meet the needs of all learners.

EDRG 5596. Content Area Literacy. (3 Credits)
Focuses on instructional strategies of literacy skills teachers can use to help learners transfer skills in specific content areas.

Educational Admin (EDAS)

EDAS 5505. Introduction to Leadership. (3 Credits)
This course considers the application of leadership theory of educational agencies. Planning, goal-setting and implementation, problem solving, organizational development, and change, interpersonal and group relations and school climate are examined.

EDAS 5512. Integrating Technology I for Educational Leaders. (3 Credits)
This course prepares prospective educational leaders to apply technology and its applications in the larning enbironment with particular reference to performance-based curricula, millennium learners.

EDAS 5515. Curriculum and Instruction for Educational Leadership. (3 Credits)
A study of the recent trends in curriculum design with the emphasis on the newer media and ways and methods of implementing innovative instruction. This course includes a study of the principles, procedures, and components of curriculum development, interpretation of test scores, and use of assessment data, program evaluation, and instructional supervision.

EDAS 5525. School & Community Partnerships. (3 Credits)
Candidates study School-Community Relations and their impact on the school operations. Emphasis is on the influence of the social forces on the school.

EDAS 5535. Ethical & Legal Aspects of Education. (3 Credits)
A study of the ethical and legal foundation of public education as it relates to the rights and responsibilities of school personnel, parents and students. Emphasis will be place on policies and standards from the federal, state and local levels, with special emphasis on the Elementary and Secondary Education Act, Georgia law, and Georgia's Code of Ethics.

EDAS 5545. Curriculum, Instruction and School Leadership. (3 Credits)
The goal of this course is to provide recent trends in curriculum and instructional design, while providing an understanding of educational administration and the principles, procedures, and research of school improvement.

EDAS 5555. Preparing Educational Leaders for Diversity. (3 Credits)
The focus of the course is to assist school leaders in recognizing that encounters with “difference” promote the understanding of others, as well as self-understanding, and the appreciation and mutual respect of diverse perspectives and cultures. This recognition enables them to create a school environment that is welcoming, inclusive and increasingly diverse in pedagogy and practice.

EDAS 5575. Managing Human and Fiscal Resources in Schools. (3 Credits)
This course is designed to provide the candidate with the knowledge, skills, and dispositions from a building leader’s perspective to both lead and manage fiscal and personnel school functions and other school resources. These include business procedures, fiscal accounting, and budgeting and personnel administration.

EDAS 5580. School Discipline Problems. (3 Credits)
Students analyze school climate, school discipline, school safety, and control of violence. The course focuses on constructing plans for controlling violence, safety, improving attendance, and reducing tardiness. As opposed to classroom management the course concentrates on school-wide management.

EDAS 5585. School Safety, Schoolwide Discipline, and Classroom Management. (3 Credits)
Candidates analyze school climate, school safety, school discipline and control of violence. This course has 3 major emphases: 1) school safety; 2) school-wide discipline, and 3) classroom management. The educational leader will demonstrate the ability to develop and implement a school safety plan; produce, articulate and disseminate a school-wide discipline plan; coach, support, teach and develop teachers as classroom managers.

EDAS 5595. Clinical Experiences in Educational Administration. (3 Credits)
The course includes completion of 250 clock hours of administrative experiences in eleven major areas of school administration as outlined in the Clinical Manual. Each candidate prepares an experience portfolio reflecting on all experiences. Logs are submitted to the instructor of the course.

EDAS 6000. Professionalism and Ethics. (3 Credits)
Educational leaders manage and develop faculty and staff members’ professional skills and practices in order to drive student learning and achievement. Building an effective staff requires careful personnel recruitment, selection, assignment of responsibilities, support, evaluation, and retention. Additionally, leaders recognize the need for ethical educators. They safeguard the environment by setting, communicating, and enforcing clear standards for how educators are expected to conduct themselves with students, with one another, and within the broader community. A critical factor in establishing and maintaining a safe environment is appropriate and professional educator conduct.

EDAS 6015. Supervision, Curriculum and Instruction. (3 Credits)
This course is a research-based and a practical study of supervision as it applies to educators and the challenges they face. The course defines supervision as it relates to the complex demands being placed on principasl, central office administrators and teachers in today's educational setting. INTASC Standard will be included in the supervisory experiences with emphasis on learner development (Standard 1), planning for instruction (Standard 7), and instructional strategies (Stanmdard 8). The course provides opportunities for the candidate to perform real supervisory experiences in real time, in a real setting.

EDAS 6020. Assessment, Evaluation and Continuous Improvement. (3 Credits)
Educational leaders manage and develop faculty and staff members professional skills and practices in order to drive student learning and achievement. building an effective staff requires careful personnel recruitment, selection, assignment of responsibilities, support, evaluation, and retention. Additionally, leaders recognize the need for ethical educators. They safegaurd the enbironment by setting, communicating, and enforcing clear standards for how eduators are expected to conduct themselves with students, with one another, and within the broader community. A critical factor in establishing and maintaining a safe enbironment is appropriate and professional educator conduct.

EDAS 6025. Residency I. (5 Credits)
Canditates acquire leadership experiences under a S Beginning Leader Candidate Support Team (BLCST) including a coach/mentor who is practicing supervisor/administrator/leader and ASU personnel. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this course are performance-based. EDAS 6025 is designed for Ed.S. candidates to maximize opportunities and practices and to refine their skills in building level leadership. The experiences of this course include a Leadership Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) standards (using the LKES, assessing needs, and completing performance-based experiences in an authentic setting. The LKES is a performance appraisal process based on Georgia's Leadership Performance Standards and has been adopted by the PSC. These experiences will lead to RESidency II (EDAS 6035).

EDAS 6030. Seminar I. (1 Credit)
This course is designed to give candidates an opportunity to share experiences while participating in Residency I. Candidates will make presentations on various topics and reflect on their learning. Additionally, sessions will be held on professionalism, ethcs, legal aspects of leadership, GACE preparation, TKES and LKES simulations. Guest speakers will share their knowledge and experiences of being practicing school leaders.

EDAS 6035. Residency II. (5 Credits)
Candidates acquire leadership and administrative experiences under a Beginning Leader Candidate Support Team (BLCST) including a coach/mentor who is a practicing supervisor/administrator/leader and ASU personnel. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this course are perfornance-based. EDAS 6035 is designed for Ed.S. candidates to maximize opportunities and practices and to refine their skills to building level leadership. The experiences of this course include the continuation of an Administrative Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) standards for Specialists' Level preparation (using the LKES), assess needs, and completing performance-based experiences in an authentic setting. The LKES is a performance appraisal process based on Georgia's Leadership Performance Standards and has been adopted by the PSC.

EDAS 6040. Seminar II. (1 Credit)
This course is designed to give candidates an opportunity to share experiences while participating in Residency II. Candidates will make presentations on various topics and reflect on their learning. Additionally sessions will be held on professionalism, ethics, legal aspects of leadership, GACE preparation, TKES and LKES simulations. Guest speakers will share their knowledge and experiences of being practicing school leaders.

EDAS 6655. The Principal as Instructional Leader. (3 Credits)
This is an advanced course in school administration for students in the Education Specialist Performance-Based Program specializing in building level administration. Although some emphasis will be placed on management and structure of the school, the major focus in on the role of the principal in creating and maintaining a program of instructional excellence. Thus, every facet of the course will lead to creating a school leader who is able and willing to promote student achievement.

EDAS 6670. School Finance. (3 Credits)
This course is designed to provide the candidate with the basic principles of school finance, accounting procedures and an overview of school business management. Included is a review of the issues (and possible resolutions) that confront educational leaders, boards of education (BOE) and the public. Also included is the planning, preparation and administration of budgets. Candidates examine theories of financing public elementary and secondary schools with special attention to the Georgia requirements. Basic overview of taxation, bond issues and SPLOST are reviewed. This course is part of the performance-based specialist program. One third of the activities/assessment for this course are performance-based, while two thirds of the activities/assessment are content-based and practice-based. Performance-based activities from the Ed.S. Handbook are to be performed and recorded in the candidate's electronic portfolio. A verification for each activity by the candidate will be posted on verification form.

EDAS 6681. Recent Trends in Supervision. (3 Credits)
Recent trends in supervision are reviewed. The identification of problem arising in the practice of supervising as well as the evaluation procedures in today's schools will be presented.

EDAS 6685. School and Community Relations. (3 Credits)
Students study school-community relations and their impact on the school operation. Emphasis is on the influence of the social forces on the school.

EDAS 6702. Educational Leadership and School Improvement. (3 Credits)
This pre-service course for entrance into the Ed.S. program is one of two required of those candidates who have not completed a masters degree in educational leadership. This is primarily a content course with some application and performance. Emphasis is given to the study of leadership and school improvement. Candidates will learn the importance of analyzing data to plan and implement appropriate instructional experiences for students and to identify and analyze the measures of data to understand student learning needs.

EDAS 6708. Residency I District Level. (6 Credits)
Candidates acquire district level administrative experience under a practicing supervisor / administrator. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. Candidates to maximize opportunities and practices and to refine their skills in district level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic district level setting. These experiences will lead to Residency II EDAS 6770.

EDAS 6710. The Superintendent. (3 Credits)
This course is an intensive study of Research literature on the School Superintendent. The Executive Leadership responsibilities, roles, and styles with references on superintendent and school-board relationship will be considered. This course is part of a Performance-Based Educational Specialist Program. One hundred percent of the Activities and Assessments for this course are Performance-Based.

EDAS 6711. Software Systems in educational Administration. (3 Credits)
Students examine administrative computer software currently used in Georgia school systems such as pupil accounting, grade reporting, grade posting, food service accounting, class scheduling, discipline records, communication systems, multimedia presentation systems, activity fund accounting, general fund accounting, personnel records, purchasing, bus scheduling, maintenance and repair scheduling, payroll, budgeting and balance sheet preparation.

EDAS 6719. Residency I Building Level. (6 Credits)
Candidates acquire building level administrative experience under a practicing supervisor /administrator. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. candidates to maximize opportunities and practices and refine their skills in building level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic building level setting. These experiences will lead to the Residency II EDAS 6769.

EDAS 6733. Educational Policy. (3 Credits)
This course will combine in-depth knowledge of the textbook, reading of a paperback and study of selected websites on current educational issues, as well as class discussions and stringent question and answer sessions led by the instructor. Students will then be able to analyze a number of policy documents from their school system and provide an evaluation based on the material studied in this class.

EDAS 6769. Residency II Building Level. (6 Credits)
Residency II is a continuation of Residency I. Candidates acquire building level administrative experience under a BLCST. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this course are performance based. EDAS 6769 is designed for Ed.S. candidates to maximize opportunities and practices and to refine their skills in building level administration. The experiences of this course include the continuation of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation using the GaDOE Leader Keys, assess needs and complete performance-based experiences in an authentic building level setting.

EDAS 6770. Residency II for District Level Administrator. (6 Credits)
Candidates acquire district level administrative experience under a practicing supervisor / administrator This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. Candidates to maximize opportunities and practices and to refine their skills in district level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic district level setting.

Educational Technology (ETEC)

ETEC 5521. Teaching Online in K-12 Settin. (3 Credits)
Teaching Online in K-12 Settin (3 credits) This course will introduce the theory and practice of online teaching and learning and specifically address this concept as it relates to learners in the K-12 environment. Emphasis is placed on understanding online teaching tools, managing the virtual student caseload, engaging the online learner, and individualizing instruction in the virtual classroom. Participants will develop the necessary knowledge and skills to teach in a K-12 virtual school setting using the internet as a conduit for instruction. In addition, participants will develop the skills necessary to supplement existing lessons with asynchronous and synchronous activities designed to meet individual learner needs. Offered: Fall.

ETEC 5522. Theoretical Founda of Edu Tech. (3 Credits)
Theoretical Founds of Edu Tech (3 credits) This course is an overview of critical and contemporary theories of learning and theoretical applications in educational technology and emerging orientations as well as implications for practice. This course explores foundations, history, perspectives, and literature that is applicable across educational disciplines. Candidates will be challenged to think more critically about their efforts and career goals. Offered: Fall.

ETEC 5523. Online Course Design. (3 Credits)
Online Course Design (3 credits) This course prepares candidates to engage in the instructional design process for developing and delivering effective learning experience in the classroom. Candidates will create technology- enhanced curriculum with written justification of design decisions. Offered: Spring.

ETEC 5524. Delivery of Inst in Online Tec. (3 Credits)
Delivery of Inst in Online Tee (3 credits) This online course provides a practical field experience wherein candidates will demonstrate their knowledge and skill of online instruction and engagement as outlined in Educator Prep Rule 505-3-85 which are necessary for success as a teacher with the endorsement. In addition, this course provides a space for candidates to showcase their research ability using the technology to enhance praxis and practices.

English (ENGL)

ENGL 5304. History of the English Language (Formerly ENGL 5504). (3 Credits)
Study of the development of the English language from the fifth century, emphasizing the philological changes which have occurred and their relationship to modern English. [Prerequisite: ENGL 2298] Offered: Fall Spring.

ENGL 5500. Bibliography and Research Methods. (3 Credits)
Various approaches to literary scholarship and methods of research. Required and should be taken as early as possible in the student's course of study. Offered: Summer.

ENGL 5600. Shakespeare. (3 Credits)
Study of Shakespeare's greatest plays and sonnets, with attention to the background of the Elizabethan period. Prerequisite: ENGL 2406.

ENGL 5606. Medieval Literature (Formerly ENGL CHAUCER). (3 Credits)
(Formerly CHAUCER) Significant authors through the 15th century, with emphasis on the major works of Chaucer. Some attention given to the language and historical background of the age. Offered: Fall and Spring.

ENGL 5609. Introduction to Linguistics. (3 Credits)
Introduction to the principles of linguistic theory and analysis. Fundamentals of major approaches to the study of phonology, morphology and syntax. Offered: Fall and Spring.

ENGL 5612. Advanced Grammar and Syntax. (3 Credits)
Critical examination of salient components of modem syntax and grammar. Offered: Fall and Spring.

ENGL 5615. Adv Exposition. (3 Credits)
Techniques of exposition, including structures, research methodology and rhetorical principles. Offered: Fall and Spring.

ENGL 5621. Literature of the Sixteenth and Seventeenth Centuries (Formerly Old English Literature). (3 Credits)
(Formerly Old English Literature) Literary tendencies and thought of the period, including critical study of such major figures as More, Sidney, Donne, Jonson, Herbert and Milton. Offered: Fall and Spring.

ENGL 5632. Restoration/18th Century Lit. (3 Credits)
Poetry and prose of the Restoration and Neo -classical periods with emphasis on such figures as Dryden, Congreve, Pope, Swift and Johnson .

ENGL 5641. Romanticism. (3 Credits)
(Formerly ENGL 5502) Study of the general literary tendencies and thought of the period, with emphasis on the poetry of Wordsworth, Coleridge, Byron, Shelley and Keats. Offered: As Needed.

ENGL 5650. Modern Drama. (3 Credits)
A survey of major movements and trends in drama from the late nineteenth century to the present. Prerequisite: ENGL 2406 Offered: Fall.

ENGL 5652. Victorian Literature. (3 Credits)
(Formerly ENGL 5603) Critical examination of major authors of the period, with some attention to social and cultural background. Focus may be on poets like Browning and Tennyson, prose writers like Carlyle and Ruskin, or novelists like Dickens and Eliot. Offered: Fall and Spring.

ENGL 5670. Modern British Literature. (3 Credits)
Major works of the 20th century, with emphasis on either fiction or poetry. Offered: Fall and Spring.

ENGL 5680. American Poetry. (3 Credits)
Development of American poetry. Various major poets and periods may be studied.

ENGL 5681. Early American Literature. (3 Credits)
Writings from the seventeenth and eighteenth centuries. Attention given to historical background. Offered: Fall and Spring.

ENGL 5683. American Romanticism. (3 Credits)
Prose and poetry of the early and mid-19th century by such key figures as Hawthorne, Melville, Douglass, Poe, Emerson, Thoreau and Whitman. Offered: Spring.

ENGL 5684. American Realism and Naturalism. (3 Credits)
Important writers of the period from 1865-1914, including Twain, James, Howells, Wharton, Crane, Chopin, Chesnutt and Dreiser. Offered: Summer.

ENGL 5685. Southern Literature. (3 Credits)
Study of major and representative writers from various periods of literature of the American South. Offered: Fall and Spring.

ENGL 5686. Modern American Literature. (3 Credits)
Major trends in 20th century fiction, non-fictional prose, drama and poetry. Genre, movement and author emphases will vary. Offered: Fall and Summer.

ENGL 5689. Major American Writers. (3 Credits)
Intensive study of one or more of the following authors: Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Dickinson, Twain, Crane, Henry, James, O'Neil, Hemingway, Faulkner, Williams and Stevens.

ENGL 5690. African American Literature. (3 Credits)
Critical investigation of African-American writing from the 18th through the 20th centuries, with emphasis on major writers and cultural traditions. Offered: Spring.

ENGL 5692. African American Novel. (3 Credits)
Critical and interpretive study of fiction by African Americans of the 20th century, with some attention to 19th century backgrounds.

ENGL 5694. Afro-American Drama. (3 Credits)
A study of the history and development of drama by African Americans, emphasizing the 20th century.

ENGL 5696. Contemporary Literature. (3 Credits)
Major writers and trends of World Literature in English since World War II, including authors from both Western and non-Western cultures. Offered: Fall.

ENGL 5792. African American Novel. (3 Credits)
(Formerly ENGL 5692) Critical and interpretive study of fiction by African Americans of the 20th century, with some attention to 19th century backgrounds. Offered: Fall and Spring.

ENGL 5794. African American Drama. (3 Credits)
A study of the history and development of drama by African Americans, emphasizing the 20th century. Offered: Fall and Spring.

ENGL 5908. Literary Criticism. (3 Credits)
Basic principles of literary criticism and major theories of criticism, their origin and development. Prerequisite: ENGL 2406. Offered: Fall and Spring.

ENGL 6150. Advanced Exposition for Tchrs. (3 Credits)
Techniques of exposition, including structures, research methodology, rhetorical principles and teaching applications.

ENGL 6607. Chaucer. (3 Credits)
A study of Chaucer's life, times and major works. Prerequisite: ENGL 2298.

ENGL 6681. Early American Literature. (3 Credits)
Various genres of literature from the beginnings through the early national period. Attention also given to cultural and historical background.

ENGL 5304. History of the English Language (Formerly ENGL 5504). (3 Credits)
Study of the development of the English language from the fifth century, emphasizing the philological changes which have occurred and their relationship to modern English. [Prerequisite: ENGL 2298] Offered: Fall Spring.

ENGL 5500. Bibliography and Research Methods. (3 Credits)
Various approaches to literary scholarship and methods of research. Required and should be taken as early as possible in the student's course of study. Offered: Summer.

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(Formerly CHAUCER) Significant authors through the 15th century, with emphasis on the major works of Chaucer. Some attention given to the language and historical background of the age. Offered: Fall and Spring.

ENGL 5609. Introduction to Linguistics. (3 Credits)
Introduction to the principles of linguistic theory and analysis. Fundamentals of major approaches to the study of phonology, morphology and syntax. Offered: Fall and Spring.

ENGL 5612. Advanced Grammar and Syntax. (3 Credits)
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ENGL 5621. Literature of the Sixteenth and Seventeenth Centuries (Formerly Old English Literature). (3 Credits)
(Formerly Old English Literature) Literary tendencies and thought of the period, including critical study of such major figures as More, Sidney, Donne, Jonson, Herbert and Milton. Offered: Fall and Spring.

ENGL 5632. Restoration/18th Century Lit. (3 Credits)
Poetry and prose of the Restoration and Neo -classical periods with emphasis on such figures as Dryden, Congreve, Pope, Swift and Johnson .

ENGL 5641. Romanticism. (3 Credits)
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ENGL 5650. Modern Drama. (3 Credits)
A survey of major movements and trends in drama from the late nineteenth century to the present. Prerequisite: ENGL 2406 Offered: Fall.

ENGL 5652. Victorian Literature. (3 Credits)
(Formerly ENGL 5603) Critical examination of major authors of the period, with some attention to social and cultural background. Focus may be on poets like Browning and Tennyson, prose writers like Carlyle and Ruskin, or novelists like Dickens and Eliot. Offered: Fall and Spring.

ENGL 5670. Modern British Literature. (3 Credits)
Major works of the 20th century, with emphasis on either fiction or poetry. Offered: Fall and Spring.

ENGL 5680. American Poetry. (3 Credits)
Development of American poetry. Various major poets and periods may be studied.

ENGL 5681. Early American Literature. (3 Credits)
Writings from the seventeenth and eighteenth centuries. Attention given to historical background. Offered: Fall and Spring.

ENGL 5683. American Romanticism. (3 Credits)
Prose and poetry of the early and mid-19th century by such key figures as Hawthorne, Melville, Douglass, Poe, Emerson, Thoreau and Whitman. Offered: Spring.

ENGL 5684. American Realism and Naturalism. (3 Credits)
Important writers of the period from 1865-1914, including Twain, James, Howells, Wharton, Crane, Chopin, Chesnutt and Dreiser. Offered: Summer.

ENGL 5685. Southern Literature. (3 Credits)
Study of major and representative writers from various periods of literature of the American South. Offered: Fall and Spring.

ENGL 5686. Modern American Literature. (3 Credits)
Major trends in 20th century fiction, non-fictional prose, drama and poetry. Genre, movement and author emphases will vary. Offered: Fall and Summer.

ENGL 5689. Major American Writers. (3 Credits)
Intensive study of one or more of the following authors: Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Dickinson, Twain, Crane, Henry, James, O'Neil, Hemingway, Faulkner, Williams and Stevens.

ENGL 5690. African American Literature. (3 Credits)
Critical investigation of African-American writing from the 18th through the 20th centuries, with emphasis on major writers and cultural traditions. Offered: Spring.

ENGL 5692. African American Novel. (3 Credits)
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ENGL 5694. Afro-American Drama. (3 Credits)
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ENGL 5696. Contemporary Literature. (3 Credits)
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ENGL 6607. Chaucer. (3 Credits)
A study of Chaucer's life, times and major works. Prerequisite: ENGL 2298.

ENGL 6681. Early American Literature. (3 Credits)
Various genres of literature from the beginnings through the early national period. Attention also given to cultural and historical background.

English Speakers of Other Lang (ESOL)

ESOL 5501. Meth & Mat of Tchng ESOL. (3 Credits)
Methods and Materials for Teaching English to Speakers of Other Languages (ESOL) aims to support candidates in studying, applying, and reflecting on knowledge of how language works and is learned; the relationship of culture to language learning and to learners' adaptation to new schools and settings; ways of structuring curricula and instruction; and strategies for developing the classroom learning community and providing effective language teaching and learning.

ESOL 5502. Instructional Strategies. (3 Credits)
This course is intended for both regular education and ESOL teachers and will focus on developing instructional strategies for supporting ESOL students in content area learning. Course participants will develop instructional and leadership skills needed for teaching ESOL. Participants will reflect upon using proven instructional practices to enhance learning in today's challenging classroom environment.

ESOL 5503. Applied Linguistics. (3 Credits)
Through this course, participants will become knowledgeable about the nature and structure of language and how first and second languages develop. Participants will explore language teaching strategies consistent with the current understanding of the nature, structure, and development of language. By developing a repertoire of effective strategies, participants will become more proficient at supporting students' second language development. Teachers will investigate best practices and current research and consider how to adapt and integrate these principles into their own educational practice.

ESOL 5504. Multicultural Educ Issues. (3 Credits)
This course provides and in-depth discussion of the concept of culture and helps students/teachers/school personnel recognize the influence of culture on learning, communication, belief systems and value orientations, and patterns of thinking and behaving. Instructional applications including creating an appropriate learning environment and/or curriculum and materials for culturally diverse students will be given.

Finance (FINC)

FINC 6101. Financial Management. (3 Credits)
This course is designed to provide an introduction to the functional concepts of the finance function with emphasize on the decision-making techniques relevant to financial and non-financial managers. Topics include valuation of future cash flows, capital budgeting, risk and return, cost of capital, and long-term financial policy. Offered: Spring.

FINC 6102. Cases in Financial Management. (3 Credits)

FINC 6103. Investment Analysis. (3 Credits)
A survey of the investment field in theory and practice from the point of view of indivduals and institutional investors. Includes the study of security analysis and portfolio management.

FINC 6104. Capital Markets and the Global Economy. (3 Credits)
This course will provide an in-depth study of capital markets in instruments, structure, and equilibrium and familiarize the students as managers with a changing international scene. The use of foreign exchange markets, interest rate, risk, arbitrage, spot and forward rates, swaps and the applicabiity to hedging will be introduced. Prerequisites: ACCT 2102 and ECON 3145.

FINC 6105. Management of Financial Intermediaries. (3 Credits)
This is an in-depth study of the different types of finan- cial intermediaries. Students will gain insights into the importance of the dual role played by these institutions, learn the procedures and operations in which they partici- pate and be able to identify the characteristics of the financial assets intermediaries manage in their port- folios. Prerequisite: FINC 3105.

FINC 6106. Speculative Markets and Financial Engineering. (3 Credits)

FINC 6145. Banking & Foreign Exchange. (3 Credits)

FINC 6745. Financial Management. (3 Credits)

FINC 6755. Cases in Financial Mgt. (3 Credits)

FINC 6756. Investment Analysis. (3 Credits)

FINC 6758. Capital Budgeting. (3 Credits)

FINC 6792. Directed Study in Finance. (3 Credits)

Forensic Science (FOSC)

FOSC 6001. Survey of Advanced Forensic Science. (3 Credits)
An introductory survey of forensic sciences, including criminalistics, investigation and identification, and methods of crime laboratory analysis for crime scene investigators and security officers. This course is not required if the student has taken at least two undergraduate courses in criminalistics (Fosc 2100) and crime scene investigation and identification (FOSC 3000) or their equivalents.

FOSC 6002. Advanced Criminalistics (w/lab)/Crim.IU. (3 Credits)
Advanced Criminalistics(w/Lab) Criminalistics III (w/Lab) and IR ect; Microscopy and SEM EDX of trace evidence; Identification of arson residues, explosives, glass, soils, fibers, paints, and blood stains. Computer bases laboratory report and graphic.

FOSC 6009. Advanced Toxology (w/lab). (3 Credits)
This course is on the detection and quantitation of drugs and inorganic toxins by using advanced theory and practice of analytical, organic and inorganic chemical analysis and instrumental methods. The course draws attention to drug alcohol effects and to the current practices of breath testing using an intoxilizer. Finally, this course examines current theories of drug abuse from toxicology, pathology and pharmacology of drugs. Laboratory report is required for credit.

FOSC 6012. Advanced Trace and Transfer Evidence/Forensic Electron Microscopy (w/lab). (3 Credits)
This advanced course is a continuation of two previous three-hundred level course (FOSC 3010) and includes laboratoty practices of major applications of the SEM-EDX technology in Forensic casework. Laboratory report is required for credit.

FOSC 7000. Advanced Ballistics and Associated Technologies (w/lab). (3 Credits)
This course is on advanced theories and laboratory practices of ballistics as applied to varous firearms and conventional missiles and related problems in shooting/war crimes. Laboratory report is required for credit.

French (FREN)

FREN 1001 - Elementary French I (3)

An introduction to the fundamental skills of listening, speaking, reading and writing, with emphasis on oral aspects of language learning and intensive and extensive use of structural patterns, dialog, oral drills and exercises. Language Laboratory required.

Offered: Fall, Spring and Summer.

FREN 1002 - Elementary French II (3)

A continuation of the development of fundamental skills with emphasis on oral aspects of language learning and intensive and extensive use of structural patterns, dialog, oral drills and exercises. Language Laboratory required. Language Laboratory required. Prerequisite: FREN 1001.

Offered: Fall, Spring and Summer

FREN 2001 - Intermediate French I (3)

The student is guided in achieving some proficiency in oral communication while developing a degree of skill in reading and writing. Aspects of French Life and culture are presented through use of selected reading materials, real discussions. Prerequisite: FREN 1002 or equivalent.

Offered: Spring.

FREN 2002 - Intermediate French II (3)

A continuation of Intermediate French I in which the student is guided in achieving more proficiency in oral communication while developing skills in reading and writing. Aspects of French life and culture presented through use of selected reading materials, real discussions. Prerequisite: FREN 1002 (p.).

Offered: Fall and Spring

FREN 2204 - French Phonetics (3)

An analysis of the French sound system and fundamentals of French pronunciation, with attention to syllabication, intonation, articulation, and individual difficulties. A minimum of two hours of language laboratory per week. Prerequisite: FREN 2001.

Offered: Fall and Spring

FREN 2205 - Introduction to French Lit (3)

Introduction to French Literature is designed to introduce and examine the essential works in the literature of France from the Middle Ages to the latter part of the nineteenth century, the major literary movements in French literature, and the elements involved in literary and critical analysis. Prerequisite: FREN 2002.

Offered: Fall and Spring

FREN 3308 - Elementary French Conversation (3)

Development of the student's vocabulary and fluency in oral expression. Designed to provide systematic practice in understanding and speaking grammatically sustained speech in the French language on topics taken from the text, the student's daily activities and from cross-cultural issues. Prerequisite: FREN 2002.

Offered: Spring.

FREN 3309 - Advanced French Grammar (3)

Designed to address advanced problems in grammar and syntax, written exercises, free compositions, and translations. Prerequisite: FREN 2002.

Offered: Fall and Spring

FREN 3310 - Advanced French Comp/Conv (3)

Techniques in composition and literary analysis, using prose masterpieces in French. Prerequisite(s): FREN 3309.

Offered: Fall and Spring

FREN 3311 - Intro Afro-French Lit & Culture (3)

Study of the main contributions of Afro-French literature and culture through understanding works of drama, poetry, and prose of French-speaking Black authors. Prerequisite: FREN 1102 or reading knowledge of French. and FREN 2002.

Offered: Fall and Spring

FREN 3312 - French Civilization I (3)

Study of the main contributions of the French from the view point of sociological, educational, political and cultural contributions to western civilization. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 3313 - French Civilization II (3)

Study of the main contributions of the French from the view point of sociological, educational, political and cultural contributions to western civilization. Prerequisite: FREN 2203 or consent of instructor.

Offered: Fall and Spring

FREN 3314 - 17th Century French Drama (3)

A study of the representative plays of Corneille, Racine and Moliere. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4401 - French Literature (3)

Development of poetry, prose and drama, 17th century philosophical and religious prose and Fables of LaFontaine. Prerequisite: FREN 3312 or consent of instructor.

Offered: Fall and Spring

FREN 4404 - 18th Century French Literature (3)

Philosophical ideas and literary conventions in the works of Montesquieu, Voltaire, Diderot and Rousseau and the theater of Lesage, Marivaux and Baumarchais. Prerequisite: FREN 3312 or consent of instructor.

Offered: Fall and Spring

FREN 4405 - 19th Century French Literature (3)

Romanticism, Realism and Naturalism in the novel from Constant to Zola, the theater of Hugo and Musset and Romantic and symbolist poetry. Prerequisite: FREN 4401 and 4404 or consent of instructor.

Offered: Fall and Spring

FREN 4406 - 20th Century French Literature (3)

Study of the representative plays of Corneille, Racine and Moliere. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4407 - The French Novel (3)

A study of the origin and development of the novel in France with attention given to significant novels from its beginning to the present time. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4409 - French Seminar I (1)

A major project course in which French majors research, develop and present their senior paper. Required of all graduating seniors. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4410 - French Seminar II (1)

A capstone course designed to assist students in synthesizing their knowledge and reinforcing the skills they have acquired in the French major and culminating with a senior comprehensive. Required of all graduating seniors. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4495 - Study Abroad I (3)

Study of language and culture in a native (French speaking) environment for students involved in a Study Abroad Program. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

FREN 4496 - Study Abroad II (3)

Study of language and culture in a native (French speaking) environment. For students involved in a Study Abroad Program. Prerequisite: FREN 2202 or consent of instructor.

Offered: Fall and Spring

Leadership Development (LEAD)

LEAD 5505. Introduction to Leadership. (3 Credits)
This is the introductory course in the Educational Leadership in the Master's program. The ultimate goal of the course is to provide a basic background for subsequent learning in the leadership program.

LEAD 5512. Integrating Technology I For Educational Leadership. (3 Credits)
This course prepares educational leaders at the building level to apply technology and its applications in the learning environment with particular reference to standards based curriculum for 21st century learners with differential instruction.

LEAD 5525. School & Community Partnership. (3 Credits)
Candidates study School-Community Relations and their impact on the school operations. Emphasis is on the influence of the social forces on the school.

LEAD 5535. Ethical & Legal Aspects of Edu. (3 Credits)
A study of the ethical and legal foundation of public education as it relates to the rights and responsibilities of school personnel, parents and students. Emphasis will be place on policies and standards from the federal, state and local levels, with special emphasis on the Elementary and Secondary Education Act, Georgia law, and Georgia's Code of Ethics.

LEAD 5545. Curriculum, Instructional Leadership & School Improvement. (3 Credits)
The goal of this course is to provide recent trends in curriculum and instructional design, while providing an understanding of educational administration and the principles, procedures, and research of school improvement.

LEAD 5555. Preparing Educational Leaders for Diversity. (3 Credits)
The focus of the course is to assist school leaders in recognizing that encounters with "differences" promote the understanding of others, as well as self-understanding, and the appreciation and mutual respect of diverse perspectives and cultures. This recognition enables them to create a school environment that is welcoming, inclusive and increasingly diverse in pedagogy and practice.

LEAD 5575. Managing Human & Fiscal Resources in Schools. (3 Credits)
This course is designed to provide the candidate with the knowledge, skills, and dispositions from a building leader's perspective to both lead and manage fiscal and personnel school functions and other school resources. These include business procedures, fiscal accounting, and budgeting and personnel administration.

LEAD 5585. School Safety, School-wide Discipline & Classroom Management. (3 Credits)
Candidates analyze school climate, school safety, school discipline and control of violence. This course has 3 major emphases: 1. school safety 2. school-wide discipline 3. classroom management The educational leader will demonstrate the ability to develop and implement a school safety plan; produce, articulate and disseminate a school-wide discipline plan; coach, support, teach and develop teachers as classroom managers.

LEAD 6001. Orientation and Introduction to School Leadership. (1 Credit)
This course provides an overview of the leasdership program and its expectations in addition to theories and trends in school leadership focused on turnaround leadership, equity, using data, reflection and alignment to the regulatory context. The course ends with an individualized plan for learning experiences that will meet the needs of the candidate during the clinical experience.

LEAD 6006. Leading through Mission, Vision, and Core Values. (2 Credits)
Candidates will examine the role of turnaround leaders in developing the school's vision, mission and core values. Candidates will determine how a school can use a system of transformational, servant, and shared leadership practices to create a vision, mission and core values that embraces equitable treatment of all students and stakeholders.

LEAD 6011. Leading Through Professional Learning. (2 Credits)
Candidates will learn how to expand professional capacity of schools to improve equitable practice and programs. Candidates will demonstrate the use of professional learning communities, protocols, coaching, mentoring, evaluation techniques, and other structures that create supportive conditions for continuous job-embedded learning and continuous improvement.

LEAD 6016. Leading Through Teams and Collaborative Work. (2 Credits)
Candidates will demonstrate a commitment to building a community of teachers and other professional staff that includes learning how to create effective workplace conditions that promote collective engagement and responsibility, and mutual accountability. Candidates will learn to create and nurture a community of effective professional practice that supports academic success and well-being for all students.

LEAD 6021. Clinical Practice 1. (2 Credits)
Candidates will apply knowledge and skills introduced and developed in Sequences of Learning 6006, 6011 and 6016 at their clinical sites to analyze multiple sources of school level data and develop/revisit and refine the school's vision, mission and core values. Candidates will determine how their clinical experience sites can use a system of transformational leadership, servant leadership, and shared leadership to build a vision, mission and set of core values that embraces equitable treatment of all students and stakeholders. In addition, candidates will utilize a systems approach in collaboration with mentor principals to establish an instructional focus with accompanying strategies to improve student achievement. They will communicate to multiple stakeholders the mission, vision and values as well as the theory of action that underpins the instructional focus and accompanying strategies.

LEAD 6026. Leading School Improvement. (2 Credits)
Candidates will demonstrate proficiency in the use of the continuous improvement framework. Utilizing a problem-solving model, the framework will focus on the systems and structures critical for sustained improvement in student outcomes.

LEAD 6031. Leading Teaching and Learning. (2 Credits)
Candidates will learn how to develop and support an equitable, rigorous, and coherent system of standards-based curriculum, instruction, and assessments to promote academic success and well-being for all students. Candidates will enhance observation strategies and how to give effective and specific feedback during an observation cycle.

LEAD 6036. Leading Through Organization and Management. (2 Credits)
Candidates will learn to apply systems thinking to manage school operations and resources to promote each student's academic success and well-being. They will learn how to be responsible for designing, implementing, managing, and monitoring school operations including those related to deployment of staff, use of funds, physical plant, and other resources that support teaching and learning. They will apply their knowledge of the system laws, policies, and regulations governing schools to ensure privacy, safety, equity, and student success. Candidates will understand the importance of systems that ensure communication with feeder schools, communication with stakeholders, use of data processes to support decisions about resources, and processes to ensure equity.

LEAD 6041. Clinical Practice II. (3 Credits)
Candidates will apply knowledge and skills introduced and developed in Sequences of Learning 6026, 6031 and 6036 at their clinical experience sites to utilize a continuous improvement framework, develop and support an equitable, rigorous, and coherent system of standards-based curriculum, instruction and assessments. Additionally, candidates will apply systems thinking to manage school operations and resources to promote each student's academic success and well-being. Candidates will demonstrate their proficiency to lead successfully continuous school improvement efforts by: . applying systems thinking to implement and continuously monitor the Change Projects in alignment with the School Improvement Plan. . leading, monitoring, and evaluating curriculum alignment and equitable instruction and assessments. . managing all resources equitably to ensure a safe learning environment for the implementation of the School Improvement Plan.

LEAD 6046. Leading a Culture that Supports Student Learning and Well-Being. (2 Credits)
Candidates will generate policies and procedures that will create and sustain a school culture that values equity, access, diversity, safety, and high expectations for academic learning and the values of democracy. Candidates will formulate policies and procedures that build and sustain a school climate that supports personalized learning and well-being for all students. Practices will include infusing the school's positive learning environment with the culture and understanding of the school's community.

LEAD 6051. Leading Through Family and Community Engagement. (2 Credits)
Candidates will use the school improvement process to assess, plan, implement, and evaluate community and family engagement initiatives that promote continuous school improvement. Candidates will explore theory of practice, methods, models, and protocols for schools to engage family and community members to maximize each student's academic success and social and emotional well-being and assure equitable engagement for all students. Candidates will demonstrate an understanding of the importance of systems that support communication and the use of data for decision making to improve engagement between internal and external communities.

LEAD 6056. Leading and Advocating for Ethics and Equity. (2 Credits)
Candidates will identify ways to create and implement school culture that values diversity, equitable access, fairness, and respect while confronting and altering personal and institutional biases and eliminating barriers associated with race, class, culture and language, gender and sexual orientation, and disability or special status. Candidates will foster the development of a school culture that nurtures understanding of professional conduct and ethics. These will be accomplished through seeking ways to maximize student learning through authentic and differentiated pedagogy, systems of support, and effective assessment strategies that inform instruction and represent cultural responsiveness.

LEAD 6061. Clinical Practice III. (3 Credits)
Candidates will apply knowledge and skills introduced and developed in Sequences of Learning 6046, 6051 and 6056. Candidates will create and implement a school culture that values diversity, equitable access, safety, and high expectations for self and others. Candidates will maximize learning for students, faculty, staff, and community partners by modeling ethical behaviors including honoring the school community environment and promoting school improvement for all. Candidates will promote and maintain effective systems of communication which include shared decision making and equitable voice.

LEAD 6199. Orientation to Educational Specialist Program. (0 Credits)
Orientation to Educational Specialist Program provides candidates with the training and information needed to successfully navigate ASU's Educational Specialist program requirements. Candidates will receive training on the requirements needed to successfully complete the Educational Specialist preparation program; navigate LiveText for the purposes of assessment and evaluation of Key EPP and Program specific assessments. All candidates will be required to purchase a two-year LiveText account and have an active ASU account prior to participation in the course.

Management (MGMT)

MGMT 5110. Organizational Behavior Effectiveness. (3 Credits)
This course is designed for students to learn individual and group skills required for effective funtioning in an organizational context. The course highlights the leadership and managerial competencies needed to create and maintain organizations that are effective, successful, and earn above average returns on their investments. Such knowledge and skills focus on the accurate diagnosis, design, deployment, evaluaiton and enhancemnt of organizations and organizational interventions needed to sustain effective change.

MGMT 5200. Overview of Management/Marketing Concepts. (1 Credit)
An overview course of business managment and marketing. Prerequisite for MBA courses. (Maybe waived as determinde by admission committee fo MBA program). Offered exclusively to MBA students.

MGMT 6000. Internship in Management. (6 Credits)
Provides an opportunity for students to gain practical experiences while working in a business or govermental agency. Students are required to wrok full-time in their area of concentration during the summer term. Internship is coordinated by a faculty member and supervised by an approved business supervisor. A final report and oral presentation are required. Each student is required to maintain an active ASU address.

MGMT 6105. The Legal Enviroment of Business. (3 Credits)
Develops an understanding of the interrelationships of law and society and an awareness of the need to recognize the conflicting rights and duties which lead to the formation of law, together with the impact such law has on the business community. Offered: Spring .

MGMT 6106. Decision Science. (3 Credits)
This course introduces the students to the major quantitative techniques used in management decision making. Topics include deterministic and probability models, decision theory, game theory, linear programming, simulation, dynamic programming and advanced applications of statistics. Computer applications are emphasized.

MGMT 6107. Operations Management. (3 Credits)
An introduction to the concepts, principles, problems and practice of operations management. Emphasis on managerial processes for achieving effective operations strategy in both goods-producing and service-rendering organizations. Topics include operations strategy formulation, operating technology, quality management, capacity planning, forecasting, production planning, inventory control and project management.

MGMT 6108. Quantitative Methods for Managers. (3 Credits)
This course introduces students to the major quantitative techniques used in management decision making. Topics include deterministic and probability models, decision theory, game theory, linar programming, production planning, operating technology, simulation, dynamic programming and advanced applications of statistics. Computer applications are emphasized. Prerequisite: MGMT 4110 or MGMT 5200. Offered: Fall and Spring.

MGMT 6110. Organizational Behavior and Effectiveness. (3 Credits)
This course enhances understanding of all aspects of behavior in organizational settings through the systematic study of individual, group and organizational processes. The approach is experiential and focuses on organization development, leadership, and teamwork. The goal of the course is to gain competencies to improve organizational effectiveness and enhance competitive advantage. Offered: Fall .

MGMT 6120. Leadership. (3 Credits)
The goal of this Leadership class is to provide students with a theory based, integrative, hands-on, practical view of leadership. The many debates and controversies within the field of leadership are presented, emphasizing integration of th econcepts and distilling useful and practical concepts from each theory while taking a cross cultural prospective. Offered: Fall.

MGMT 6125. Human Resource Management. (3 Credits)
Explores the process of forecasting and identifying forces in the labor market, determining staffing needs, developing budgets and employment plans. Includes the creation of job specifications, recruitment programs, and interviewing and selection techniques. Emphasis on program evaluation and legal considerations, equal employment opportunity, performance appraisal, compensation management, training and development. Includes discussion of contemporary issues in the field. Offered: Summer .

MGMT 6127. Small Business Management and Entrepreneurship. (3 Credits)
Involves the student under faculty supervision in current, real-life small business problem-solving situations. Actual cases embrace marketing, finance, accounting and management decisions. Offered: Summer .

MGMT 6199. Business Policy and Strategic Management. (3 Credits)
This course can be taken only after completion of at least 27 hours of MBA courses.The purpose of the course is to give the student an opportunity to develop and appreciate skills and perspectives, capabilities needed by higher-level leaders and managers in all types of organizations. Emphasis is given to the integration of subject matter from all bsuiness courses and other disciplines in formulating, implementing and evaluating cross-functional decisions that enable the organization to achieve its goals and objectives. Comprehensive analysis of organizations in a wide variety of situations is conducted. This is the capstone MBA course. Offered: As needed.

MGMT 6205. Management Information System. (3 Credits)
An overview course designed to introduce students to the area of information systems. It emphasizes concepts, components, and structures of information systems and their applications in business and managerial decision making. The topics include information systems software and hardware, telecommunications, database management, decision support, export systems, and management of information technologies. Optional topics may include client/server computing and Internet and Intranet development.

MGMT 6206. Database Management Systems. (3 Credits)
This is an introductory course to database management and its system implementation techniques. It covers the structure of database management systems, database design, entity-relatiohship modeling, normal forms, relational database theory, the structural query language (SQL), and database system development and management using state of the art database system. Optional topics may include object-oriented databases, distributed data- bases, database programming, and advanced database management issues. Prerequisite: MGMT 6205.

MGMT 6207. System Analysis and Design. (3 Credits)
This course covers all the major phases of a complete systems development life cycle (SDLC), business modeling techniques such as entity-relationship diagramming, data flow diagramming, and the use of Integrated Computer-Aided Software Engineering (I-CASE) tools to support systems development. Optional topics may include forms and reports development using rapid application development (RAD) tools, client server development, and web based systems deployment. Prerequisite: MGMT 4206.

Management Health Care (MGHC)

MGHC 6000. Quality Management and Leadership in Healthcare. (3 Credits)
This course examines the concepts of continuous improvement and quality management, viewing quality as a systematic process that improves customer satisfaction. Methodologies that will aid managers in assuring that the organization's quality system is effective in meeting the organization's continuous improvement goals. Emphasis will be placed on the need for incremental measures of quality care and continuous improvement strategies. Additionally, formal quality assessment procedures, regulatory agencies and schools of thoughts on quality management will be reviewed. Offered: Fall.

MGHC 6108. Advanced Health Policy and Legal Issues. (3 Credits)
This course concentrates on health policy issues in the planning, delivery and organization of health Services. Examination of policy issues focuses on the relative roles of the public and private sectors and the control procedures used to implement these policies. Legal, ethical issues and problems will be addressed. Their resolutions are presented within a decision-making framework. Theories and principles of ethical decision-making will provide a framework for the analysis and resolution of ethical dilemmas. A historical and current examination of the law as related to health care decision making process will be included. Offered: Spring .

MGHC 6240. Research in Healthcare and Evaluation. (3 Credits)
This course is designed to provide students with the technical skills in health services research, including program evaluation. Emphasis will be on survey research methods and analytical epidemiology. Collection and analysis of health services data will be followed by an evaluative process for healthcare decision making. Prerequisite: ECON 3205 Economics and Business Statistics or Equivalent. Offered: Spring.

MGHC 6300. Health Information Systems. (3 Credits)
This course focuses on the critical role of e-health and information systems in the planning, operation, and management of health care organizations. Topics addressed include the design, analysis, selection, implementation, operation, and evaluation of health information systems in a variety of settings such as health centers, hospitals, and medical practices. Offered: Summer.

Marketing (MKTG)

MKTG 6000. Internship in Marketing. (6 Credits)
Provides an opportunity for students to gain practical experience while working in a business or governmental agency. Students are required to work full-time in their area of concentration during the summer term. Internship is coordinated by a faculty memeber and supervised by an approved business supervisor. A final report and oral presentation are required. Each studnet is required to maintain an active ASU e-mail address.

MKTG 6150. Marketing of Services. (3 Credits)
A comprehensive study of marketing practices, theory and decision making in all types of organiztions and enterprises. The case method and various other methods are emphasized; a managerial perspective is utilized. Prerequisite: MKTG 3120.

MKTG 6170. Marketing Management. (3 Credits)
Designed to high light the difference between product marketing and the marketing of services and to provide students who are interested in pursuing careers in the service sector of the economy with a more in-depth coverage of the services area than is presently available in the traditional product marketing courses. Prerequisite: MKTG 3120. Offered: Fall .

Mathematics (MATH)

MATH 5011. Foundations of Arithmetic for Teachers I*. (3 Credits)**
Sets, whole numbers, fractions, elementary number theory, algorithms, elementary geometry and a study of the metric system. Designed for teachers of grades K-4.

MATH 5012. Foundations of Arithmetic for Teachers II*. (3 Credits)**
Numeration systems, elementary number theory, rational numbers, real numbers, basic algorithms, graphs and measurements. For teachers of grades 4-8.

MATH 5110. Algebraic Structures for Teachers*. (3 Credits)**
Elementary study of the properties of groups, integral domains and fields. Prerequisite: 5011 or consent of instructor .

MATH 5111. Theory of Numbers. (3 Credits)
Properties of integers, divisibility, congruence of numbers. LaGrange's theorem, residues and Diophantine equations. Prerequisite: Graduate standing .

MATH 5112. Linear Algebra. (3 Credits)
Vector spaces and linear transformations. Other topics include equations, matrices, determinants, characteristic values, the special theorem, linear functions and dual space. Prerequisite: Graduate standing.

MATH 5113. Modern Algebra I & II. (3 Credits)
Groups, permutation groups, finite groups, group mappings, rings, ideals, quotient rings, fields, finite fields, polynomial rings, field extensions, vector spaces, algebra of linear transformations. Prerequisite: Graduate standing.

MATH 5201. Programming in BASIC. (3 Credits)

MATH 5202. Technology -Oriented Mathematics. (3 Credits)
Applications of mathematical software and graphic calculators in doing and teaching mathematics. Problem-solving and simulations using software such as Mathematics, Maple, Math Lab and statistical packages.

MATH 5211. Fundamental Concept of Analysis I. (3 Credits)
Sets and functions, real number system, topological concepts in real Cartesian spaces, sequences, limits, continuity, uniform continuity, differentiation and integration, convergence, uniform convergence. Prerequisite: Graduate standing .

MATH 5213. Complex Analysis. (3 Credits)
Complex numbers, analytic functions, complex series, Cauchy's theory, residue calculus and conformal mappings. Prerequisite: MATH 5211 .

MATH 5214. Differential Equations. (3 Credits)
Ordinary differential equations of first and higher order, solutions in series, Laplace transforms numerical solutions. Prerequisite: MATH 5211 or consent of instructor .

MATH 5215. Numerical Analysis. (3 Credits)
Nature of error, Gaussian elimination for linear systems, iteration, Newton's method, steepest descent for nonlinear systems, zeros of polynomials and interpolation. Prerequisite: MATH 5211or consent of instructor .

MATH 5311. Geometry of Teachers*. (3 Credits)**
Points, lines, planes, parallel and perpendicular lines, congruence, similarity, measurement, constructions, space figures, analytical geometry and non-Euclidean Geometry. Prerequisite: Graduate standing. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MATH 5312. Foundations of Geometry. (3 Credits)
Euclidean and non-Euclidean geometry, including incidence, order and the parallel postulate. Prerequisite: Graduate standing .

MATH 5313. Modern Geometry. (3 Credits)
An algebraic approach to geometry using vectors and transformations. For secondary teachers. Prerequisite: MATH 5112 or consent of the instructor .

MATH 5314. Introduction to Point Set Topology. (3 Credits)
Set theory, general topological spaces, product spaces, sequences, compactness, connectedness, metric spaces and Tcychonoff theorem. Prerequisite: Graduate standing .

MATH 5410. Probability and Statistics for Teachers*. (3 Credits)**
Probability, gathering and recording data, construction and use of tables, tabulating and graphing percentiles, mean and standard deviation, frequency distributions, normal distribution and statistical interference correlation. Prerequisite: Consent of instructor .

MATH 5411. Probability/Statistics for Tch. (3 Credits)

MATH 5412. Methods of Statistical Analysis. (3 Credits)
Estimation and inference using basic probability distributions, analysis of variance, analysis of covariance, regression, correlation and basic experimental design. Prerequisite: A previous course in statistics.

MATH 5414. Introduction to Operations Research. (3 Credits)
Linear programming, the simplex method, network theory, games theory, Markov analysis, other topics including inventory analysis and queuing theory. Prerequisite: Graduate standing.

MATH 5509. Programming in BASIC for Teach. (3 Credits)

MATH 5511. History of Mathematics. (3 Credits)
Growth and development of the discipline of Mathematics from antiquity to modern times. Special emphasis given to the evolutionary character of the principal ideas of modern Mathematics.

MATH 5514. Biostatistics I. (3 Credits)
This course offers an introduction to variety statistical tools with applications in public health, biomedicine, biological science and related fields. Topics include descriptive statistics, probablilty distributions, inferential statistics (estimation and hypothesis testing), nonparametric methods, linear regression, categorical data analysis, analysis of variance, and survival ananlysis.

MATH 5670. Special Topics in Mathematical Sciences. (3 Credits)
An exploration of special topics of current interest in the Mathematical sciences. Prerequisite: Consent of instructor.

Middle Grades Education (MGED)

MGED 5520. Language Arts Concepts for Middle Childhood. (3 Credits)
This course focuses on the application of various concepts of language arts instruction for young adolescent students in the middle grades. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5530. Mathematics Concepts for Middle Childhood Education. (3 Credits)
Study of the following as they relate to the learning and teaching of middle grade mathematics: strategies and materials, the child's mathematical development and understanding and assessment. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5532. Methods and Materials of Teaching Middle Grades Mathematics. (3 Credits)
Instructional materials and evaluation in teaching mathematics in the middle school. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5540. Curriculum Principles. (3 Credits)
Selected topics will cover the historical development of the middle school, program goals, principles of curriculum development, organizational design of the middle school, instructional strategies and multiple authentic assessments. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5541. Nature and Curriculum Needs of the Middle Grades Student. (3 Credits)
An integrated in-depth study of the middle grades children with particular reference to their unique characteristics and needs. Selected topics will cover the historical development of the middle school, program goals, principles of curriculum development, organizational design of the middle school, instructional strategies and multiple authentic assessments. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5572. Methods and Materials of Teaching Science. (3 Credits)
This course focuses on activities that are selected from the newer curricula projects to give students an overview of each one at various grade levels. These activities are selected from environmental science; early science curriculum project; science curriculum improvement study; science: a process approach; elementary science; and others. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

MGED 5581. Methods and Materials in Teaching Socials Studies. (3 Credits)
This course covers instructional procedures, materials, and evaluation in teaching social sciences. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

Natural Sciences (ISCI)

ISCI 5500. Integrated Earth Science. (3 Credits)
The course focuses on the integration of inquiry, problem solving, content knowledge and pedagogical knowledge and skills to provide advanced candidates with multiple opportunities to develop, practice and apply these skills in the classroom. The course supports the exploration of basic concepts and processes in the earth sciences to develop deeper content knowledge for grades K - 8 teachers. Content knowledge development is strongly supported with grade appropriate laboratory activities. The content areas include astronomy, geology and meteorology. Strategies of teaching earth science in grades K – 8 are integrated throughout the course. The content development is closely aligned to the current state and national standards (Georgia Performance Standards and Next Generation Science Standards) and integrates the literacy standards of the CCGPS (Common Core GPS Literacy Standards. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ISCI 5501. Integrated Found of Phys Scien. (3 Credits)
Integrated Foundations of Physical Science is the study of basic principles in relation to teaching science and their relation to the teaching of science in the elementary school. This course provides the foundations of Physical Science in the study of basic principles of physical science and their relation to the teaching of science in the elementary schools. The course focuses on the integration of inquiry, problem solving, content knowledge and pedagogical knowledge and skills to provide advanced candidates with multiple opportunities to develop, practice and apply these skills in the classroom. The course supports the exploration of basic concepts and processes in the physical sciences to develop deeper content knowledge for elementary teachers. Content knowledge development is strongly supported with grade appropriate laboratory activities. The course focuses on the knowledge and application of scientific processes and major concepts required for teaching physical science in the elementary classrooms, including matter and energy (motion, gravity, work, and forces). Laboratory activities are included that support appropriate grade level instruction. The content development is closely aligned to the current state and national standards (Georgia Performance Standards and Next Generation Science Standards) and integrates the literacy standards of the CCGPS (Common Core GPS Literacy Standards. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ISCI 5515. Selected Topics in Biology. (3 Credits)
The course focuses on the integration of inquiry, problem solving, content knowledge and pedagogical knowledge and skills to provide advanced candidates with multiple opportunities to develop, practice and apply these skills in the classroom. The course supports the exploration of basic concepts and processes in the life sciences to develop deeper content knowledge for grades K - 8 teachers. Content knowledge development is strongly supported with grade appropriate laboratory activities. The content topics include cells, cellular processes, macromolecules, genetics, classification, adaptations, and ecosystems. Strategies for teaching life science will be integrated throughout the course. The content development is closely aligned to the current state and national standards (Georgia Performance Standards and Next Generation Science Standards) and integrates the literacy standards of the CCGPS (Common Core GPS Literacy Standards. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ISCI 5530. Integrated Physical Science I. (3 Credits)
The course focuses on the integration of inquiry, problem solving, content knowledge and pedagogical knowledge and skills to provide advanced candidates with multiple opportunities to develop, practice and apply these skills in the classroom. The course supports the exploration of basic concepts and processes in the physical sciences to develop deeper content knowledge for grades 4 - 8 teachers. Content knowledge development is strongly supported with grade appropriate laboratory activities. The course focuses on the knowledge and application of scientific processes and major concepts required for teaching physical science in the grades 4 – 8 classrooms, including matter and energy (motion, gravity, work, and forces). Laboratory activities are included that support appropriate grade level instruction. The content development is closely aligned to the current state and national standards (Georgia Performance Standards and Next Generation Science Standards) and integrates the literacy standards of the CCGPS (Common Core GPS Literacy Standards. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ISCI 5531. Integrated Physical Science II. (3 Credits)
The course focuses on the integration of inquiry, problem solving, content knowledge and pedagogical knowledge and skills to provide advanced candidates with multiple opportunities to develop, practice and apply these skills in the classroom. The course supports the exploration of basic concepts and processes in the physical sciences to develop deeper content knowledge for grades 4 - 8 teachers. Content knowledge development is strongly supported with grade appropriate laboratory activities. The course focuses on the knowledge and application of scientific processes and major concepts required for teaching physical science in the grades 4 – 8 classrooms, including waves, heat, light, sound, electricity and magnetism. Laboratory activities are included that support instruction, grades 4 – 8. The content development is closely aligned to the current state and national standards (Georgia Performance Standards and Next Generation Science Standards) and integrates the literacy standards of the CCGPS (Common Core GPS Literacy Standards. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

ISCI 5564. Integrated Science Concepts. (3 Credits)
The course focuses on the understanding and application of scientific processes and major concepts required for teaching science in the elementary classrooms. It develops the advanced candidate's ability to integrate inquiry, problem solving, content knowledge and pedagogical knowledge and skills and provides advanced candidates with multiple opportunities to develop, practice and apply these skills in the classroom. The course supports the exploration of basic concepts and processes in the physical sciences to develop the elementary teachers' ability to apply scientific inquiry and problem solving to practical situations. Content knowledge development is strongly supported with grade appropriate laboratory activities. A strong emphasis is placed on integrating content areas in the elementary classroom. The content development is closely aligned to the current state and national standards (Georgia Performance Standards and Next Generation Science Standards) and integrates the literacy standards of the CCGPS (Common Core GPS Literacy Standards. Candidates must earn a minimum grade of B to receive credit for this course in the program of study.

Nursing (NURS)

NURS 5100. Advanced Health Assessment. (3 Credits)
This online course includes the processes, techniques, and skills of advanced health assessment, building on basic and experiential knowledge of assessment. It is intended to provide the basis for individual student development of expertise in assessing health and illness states. Focus is on didactic and clinical content that the advanced practice nurse utilizes when assessing clients. The processes of systematic assessment, which include communication and planning skills, are emphasized. Clinical judgment, diagnostic and monitoring skills and teaching are integrated as components of assessment. Prerequisites: Admission to the Graduate School. Corequisites: None. Offered: Summer.

NURS 5111. Nursing Theory Development. (3 Credits)
This course explores theoretical assumptions and conceptual models related to nursing practice, nursing research, nursing roles, and nursing education. Other nursing, social, behavioral, and natural science theories are also discussed. This course provides an introduction to conceptual and theoretical thinking. Students will examine knowledge development in nursing, conceptual structures, and their uses as a basis for nursing practice and research. Prerequisites: Admission to the Graduate School. Corequisites: None. Offered: Summer.

NURS 5120. Advanced Nursing Research. (3 Credits)
This course emphasizes quantitative and qualitative research methodologies and the application of technology in data analysis. Students formulate a beginning approach to proposal development. Prerequisites: NURS 5111. Corequisites: None. Offered: Spring. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 5210. Advanced Pathophysiology. (3 Credits)
This course emphasizes the complexity of normal physiological and psychological functions and the disruption of homeostasis in understanding the disease process and/or illness. The involvement of mulitsystems in the clinical manifestation of the disease process and diagnoses will be delineated. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 5220. Family Diversity in Vulnerable Communities. (2 Credits)
The students apply concepts, theories, and methodologies of transcultural nursing to clients of diverse populations. Prerequisites: None. Corequisites: None. Offered: Spring. Credits: 2.00 Credit Hours (2.00 Lecture - 0.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 5410. Introduction to Family Primary Care (MSN-FNP). (4 Credits)
This course introduces the concept of primary health care of children, adults, and families. The focus is on health promotion and disease prevention with medically underserved populations. Prerequisites: Admission to the Family Nurse Practitioner program and NURS 5100. Corequisites: NURS 5910, NURS 5210 Offered: Spring.

NURS 5421. Primary Care of Children (MSN-FNP). (5 Credits)
This course presents the theoretical and clinical basis for advanced health promotion and disease prevention for children, adolescents, and their families. Content will include health maintenance, health teaching, behavioral/developmental issues, counseling, and advanced nursing management of well-child health and selected common childhood illnesses. The focus is on comprehensive care for well-child health maintenance and selected illnesses. Attention is directed toward the care needed to meet the health objectives for children, adolescents and families in Healthy People 2010 consistent with accepted national guidelines. Clinical experiences will provide opportunity for testing and integrating of theory in practice and development of relationships with other health care providers. Clinical experiences will occur in a variety of settings with emphasis on rural and urban underserved children, adolescents, and families. Prerequisites: NURS 5100, NURS 5210, NURS 5410, and NURS 5910. Corequisites: None. Offered: Spring. Credits: 5.00 Credit Hours (3.00 Lecture - 8.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 5621. Advanced-Practice Nursing I (MSN-NE). (5 Credits)
The first of a two-clinical course sequence in application of theories and concepts related to the clinical nurse specialist role in Community Health, Parent-Child Health, and Psych-Mental Health. Prerequisites: NURS 5111, NURS 5210, NURS 5910, and NURS 5950. Corequisites: None. Offered: Spring.

NURS 5910. Pharmacology in Advanced Nursing Practice. (3 Credits)
This course provides the advanced practice health care provider with knowledge of pharmacological agents used in treatment of adults, adolescents, and young children. Emphasis is on indications, mechanisms of action, prescriptive drugs, protocols, techniques, and dosages. Prerequisites: None. Corequisites: None. Offered: Fall.

NURS 5950. Curriculum Development in Nursing (MSN-NE). (3 Credits)
This course, designed to prepare the nurse educator for a role in curriculum development will explore putting together a nursing educational curriculum from planning to evaluation. Prerequisites: Admission to the Nurse Educator program and NURS 5111. Corequisites: None. Offered: Fall.

NURS 6000. Directed Study. (1-6 Credits)
Independent exploration of a topic from a nursing practice, education, or administration perspective. Prerequisites: Department approval. Corequisites: None. Offered: As needed.

NURS 6001. Instructional Strategies and Evaluation (MSN-NE). (3 Credits)
This course focuses on the implementation of various teaching strategies and the measurement of learning outcomes. Prerequisites: NURS 5950. Corequisites: None. Offered: Spring.

NURS 6101. Primary Care of Women (MSN-FNP). (4 Credits)
This course presents the theoretical and clinical basis for advanced nursing management of newborns and women. Content includes health maintenance, health teaching, behavioral/development issues, counseling and nursing management of pregnancy and the newborn, and health problems of women. Prerequisites: NURS 5100, NURS 5410, and NURS 5421. Corequisites: None. Offered: Summer.

NURS 6211. Primary Care of Adults (MSN-FNP). (5 Credits)
This course presents the theoretical and clinical basis for health promotion and disease prevention of adults/older adults and their families. Content includes health maintenance, health teaching, developmental issues, counseling and nursing diagnosis and management of common minor acute and chronic health problems found in adults. Prerequisites: NURS 5100, NURS 5410, NURS 5421, and NURS 6101. Corequisites: None. Offered: Fall.

NURS 6310. Primary Care Issues in Health Promotion of Communities (MSN-FNP). (2 Credits)
This seminar focuses on care needed to meet the needs of clients with sensitivity to community and cultural differences. Prerequisites: Completion of all clinical and core courses in first four semesters of program. Corequisites: None. Offered: Fall.

NURS 6500. Informatics in Nursing and Healthcare. (3 Credits)
This course provides an introductory knowledge of informatics, with an emphasis on developing an understanding of concepts related to nursing informatics (NI). Nursing Informatics is a specialty that incorporate nursing science, computer science, and information science. The integration of these sciences helps to manage and communicate data, information, knowledge, and wisdom in nursing practice.

NURS 6520. Interoperability and Workflow in Healthcare Systems. (3 Credits)
This course provides information on how healthcare agencies utilize health information systems to focus on patients and patient safety needs. The difference between data technology and workflow technology is key.

NURS 6530. Implementation & Evaluation for Healthcare Systems. (3 Credits)
This course provides instructions on learning and applying numerous techniques, methods, tools, and approaches to help visually capture a system. The emphasis is placed on the implementation of the process to ensure that information systems and networks are operational and there are well-trained users in the operation.

NURS 6550. Nursing Informatics-Capstone Practicum. (3 Credits)
This course is designed to provide practicum-capstone experiences for applying knowledge and skills acquired during the nursing informatics program. Practicum I and II are scheduled in the same healthcare setting. Learners select their learning environment based on course objectives and their professional goals, needs, and interests. In Nursing Informatics Capstone Practicum, learners will work with on-ground preceptor, develop a plan for practicum activities and select, initiate, and implement informatics related projects. Learners reflectively discuss their experiences, projects, and related learning in the online course. This course requires completion of 240 practicum hours and improve the student's perspective project management.

NURS 6620. Advanced Teaching Practicum (MSN-NE). (3 Credits)
This practicum is designed to foster the student's development and competency as an educator. The focus of the experience is the application of curricula and learning theories to instructional design for nursing education. The practicum consists of experiences in both classroom and clinical teaching under the supervision of a senior faculty. The experiences are designed to provide an opportunity for the student to experience a career in the academic world of higher education. Prerequisites: Completion of all Nurse Educator core and nursing courses, except NURS 6920. Corequisites: None. Offered: Spring.

NURS 6622. Advanced Practice Nursing II (MSN-NE). (5 Credits)
This is the second of the two-clinical course sequence in application of theories and concepts related to the clinical nurse specialist role development in Community Health, Parent-Child Health and Psych-Mental Health. Prerequisites: NURS 5621. Corequisites: None. Offered: Fall. Credits: 5.00 Credit Hours (3.00 Lecture - 8.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 6820. Family Nurse Practitioner Practicum (MSN-FNP). (4 Credits)
An integrated clinical practicum focused on development and implementation of the advanced practitioner role. Students are involved in a preceptorship in rural/urban family practice settings under the supervision of a clinical preceptor and graduate faculty. Prerequisites: Completion of all Family Nurse Practitioner core and nursing courses, except NURS 6920. Corequisites: None. Offered: Spring. Credits: 4.00 Credit Hours (1.00 Lecture - 12.00 Lab). Course examinations will be proctored and additional testing fees may apply.

NURS 6920. Thesis/Research Project. (3 Credits)
Research methodologies are used to investigate a nursing problem. Satisfactory completion of a thesis or research project is required. The student may choose to develop the proposal from NURS 5120 for the research activities for this course. Prerequisites: NURS 5120. Corequisites: None. Offered: Fall, Spring, Summer.

Physical Education (PEDH)

PEDH 5520. foundations and Trends in Physical Education. (3 Credits)
Study of the historical, psychological, sociological, anatomical and physiological foundations of education as they relate physical education and program design.

PEDH 5522. Cultural Aspect of Sports. (3 Credits)
Study of the social nature of sports and its relationship to leisure and culture.

PEDH 5527. Motor Learning. (3 Credits)
Study of the laws of learning as they relate to the acquisition of motor skills.

PEDH 5528. Psychology of Physical Activity. (3 Credits)
An analysis of psychological principles underlying the teaching and performance of sport and physical activity.

PEDH 5536. Facilities and Equipment. (3 Credits)
Study of the planning, equipping and utilization of a health education facility.

PEDH 5541. Health and Physical Education for the Young Child. (3 Credits)
Advanced course which investigates the importance of functional movement in early childhood. Experiences in movement education and health-oriented topics will be provided.

PEDH 5550. Physiology of Fitness. (3 Credits)
Study of the effects of muscular activity, work energy, mechanical efficiency, fatigue and training and physioogical tests of fitness.

PEDH 5551. Mechanical Analysis of Human Motion. (3 Credits)
Study of the anatomical and mechanical fundamentals of human motion with special application to physical education activities.

PEDH 5555. Measurement in Physical Education. (3 Credits)
Study of current testing procedures in physical education. Emphasis is placed on evaluation and interpretation of test results as they apply to the individual's abilities, capacities and needs.

PEDH 5565. Physical Education and The Handicapped Child. (3 Credits)
Study of motor pattern development for individuals demonstrating specific handicaps including neurological, visual, auditory, speech and orthopedic deviations.

PEDH 5581. Directed Reading and Research in Physical Education. (3 Credits)
Designed to assist the student in exploring specific areas of interest.

PEDH 5583. Research Design. (3 Credits)
Study of current research in physical education with emphasis on basic methodology employed. Includes the development of a pilot study prospectus.

PEDH 5596. Seminar I. (3 Credits)
Personal assessment relative to the student's educational goals and professional competencies along with an analysis of current physical education programs in urban and rural settings.

PEDH 5599. Master's Thesis. (3 Credits)
Independent research done by the student.

Physics (PHYS)

PHYS 5500. Earth Science. (3 Credits)
Exploration of basic concepts and processes in the earth sciences. Content areas include astronomy, geology and metereology. Strategies of teaching earth science in the middle and high schools will be explored, also.

PHYS 5501. Foundations of Physical Science. (3 Credits)
Foundations of Physical Science is the study of basic principles of physical science and their relation to the teaching of science in the elementary school.

PHYS 5530. Introductory Physical Science 1. (3 Credits)
This course is designed to prepare students to learn introductory physical science in the secondary school. This course updates and enlarges the student's knowledge in physical science and familiarizes him/her with the materials and methods utilized in I.P.S.

PHYS 5531. Introductory Physical Science. (3 Credits)
This course is designed to prepare students to learn introductory physical science in the secondary school. This course updates and enlarges the student's knowledge in physical science and familiarizes him/her with the materials and methods utilized in I.P.S.

PHYS 5547. Introduction to Oceanography. (3 Credits)
This course emphasizes physical, chemical, geologic and biologic characteristics of the oceans and the interaction between hydrosphere, atmosphere and biosphere.

PHYS 5548. Introduction to Astronomy. (3 Credits)
This course will emphasize topics related to the theory and consideration of planets, the solar system, stars, galaxy and universe, including the study of constellations, historical overview, astronomy and laws of planetary motion.

PHYS 5549. Weather and Climate. (3 Credits)
This course emphasizes an introduction to the study of the profiles and dynamics of air masses and an overview of system to climatic effects and global distribution of climates.

PHYS 5551. Mathematics of Physics I. (3 Credits)
This course will emphasize algebra of vectors, vector calculus, divergence, gradient, curl, line integrals, surface integrals, divergence of theorem of Gauss, Stokes' theorem, conservative fields, orthogonal curvilinear coordinates, matrices and eigenvalue problems.

PHYS 5552. Mathmetics of Physics II. (3 Credits)
This course will emphasize derivation and solution of partial differential equations of physics, wave equation and Laplace's equation, Schroedinger's equation, power series solution of ordinary differential equations, and special functions of mathematics physics, Fourier series, Sturm-Liouville system, complex analysis and integration will be considered, also.

PHYS 5564. Science Concepts. (3 Credits)
Focus on the understanding and application of scientific processes and major concepts relevant to the teaching of middle childhood science.

PHYS 5645. Physics for Secondary School Teachers. (3 Credits)
This course is designed to both refresh and enlarge the high school teacher's knowledge of general physics.

PHYS 5646. Modern Physics For Secondary Teachers I. (3 Credits)
This course is designed to provide students an introduction to special relativity, quantum mechanics and atomic structure. Prerequisite: General Physics.

PHYS 5647. Modern Physics for Secondary Teachers II. (3 Credits)
This course is designed to provide students an introduction to x-ray spectra, molecular structure, solid-state physics, nuclear structure and nuclear reactions. Prerequisite: PHYS 5646.

PHYS 5660. Classical Mechanics I. (3 Credits)
This course will emphasize elements of Newtonian mechanics, motion of particles in various dimensions, motion of system of particles, rigid bodies, gravitational and coordinate systems.

PHYS 5661. Classical Mechanics II. (3 Credits)
This course will emphasize mechanics of continuous media, Lagrange's equations, tensor algebra, inertia and stress tensors, rotation of a rigid body and theory of small vibrations. Prerequisite: Consent of instructor.

PHYS 5670. Electricity and Magnetism I. (3 Credits)
This course will emphasize electrostatics, steady currents and the magnetic properties of matter.

PHYS 5671. Electricity and Magnetism II. (3 Credits)
This course will emphasize the development of field theory leading to Maxwell's equations, plane waves and solutions of Maxwell's equations. Prerequisite: Consent of instructor.

PHYS 5681. Introduction to Quantum Mechanics. (3 Credits)
This course will emphasize Schroedinger's theory of quantum mechanics; solutions of Schroedinger's equation; perturbation theory; one-electron atoms; magnetic moments, spin and relativistic effects; identical particles and multi-electron atoms.

PHYS 5685. Seminar in the Teaching of Physics. (3 Credits)
This course will emphasize methods of teaching physics stressing the planning of curricula and laboratory programs.

Psychology (PSYC)

PSYC 5509. Introduction to Behavior Modification. (3 Credits)
Introduction to the principles underlying behavior modification and behavior analysis as they apply to various settings. Applied behavior projects will be required. Emphasis will be placed on empirical findings.

PSYC 5515. Educational Psychology. (3 Credits)
Introduction to the application of psychological theory of educational problems, including the methods of learning and instruction. (This course is a prerequisite for advanced course in related areas.)

PSYC 5520. Developmental Psychology. (3 Credits)
Examination of dynamics of psychological development throughout the human life cycle with emphasis on the period from infancy through adolescence. Various theoretical perspectives, as well as related research are studied. (This course is a prerequisite for more advanced courses in related areas.)

PSYC 5529. Developmental Psychology. (3 Credits)

PSYC 5530. Adolescent Psychology. (3 Credits)
Study of theory and research on behavior and development of adolescents and youth with emphasis on the implications of these data for education and socialization over the transitional period from childhood in contemporary American society.

PSYC 5550. Theories of Learning. (3 Credits)
A study of various theories of learning using tapes, film, lectures, and class discussion.

PSYC 5552. Conditional of Learning. (3 Credits)

PSYC 5555. Conditions of Learning. (3 Credits)
A study of the fundamental principles of human learning. The practical implications in education, including learning processes involved in conditioning, verbal learning, transfer, memory, concept formation, perceptual learning, problem solving, thinking, language, and motor learning.

Public Administration (PADM)

PADM 5011. Public Administration: Scope, Development, and Ethical Environment. (3 Credits)
This is an introductory Public Administration course and it is expected to provide students with a broad based understanding of the field of Public Administration as a discipline and as a profession. Students will examine the historical and current perspectives and become familiar with practitioners in the field. This course is also designed to introduce the students to various issues concerning public administration ethics theory and how they apply to public managers, the polemics that abound, and suggestions that have been made for improving the bureaucratic environment. Upon completing the course, the students should be in a position to make sense out of the various seemingly unethical activities of public managers. The student should also be able to debate the many approaches to public administration law and ethics.

PADM 5126. Organizational Theory and Bureaucratic Behavior. (3 Credits)
This course is designed to introduce students to the complexities of managing people and understanding their behavior within organizations. To that end, it will examine the organizational dynamics in modern organizations, the evolution of organizational theories from the classic to the contemporary, the linkages and relationships between organizations and the behavior of human beings in organizational environments.

PADM 5200. The Administrative State. (3 Credits)
This course is an overview of public administration in relation to legislative, executive and judicial processes.

PADM 5202. Administrative Law. (3 Credits)
The legal aspects of the power and procedures of federal and state agencies in the judicial re- view of administrative actions are discussed.

PADM 5213. Legal Environment of Public Human Resources Management. (3 Credits)
This course examines the relationship between the law and the work environment with particular emphasis on the rights and protections that are provided to employees under the law as well as the court decisions that have impacted the rights and liberties of public and nonprofit sector employees.

PADM 5262. Public Human Resources Management. (3 Credits)
This course will help students to understand the historical, political, economic, social, legal and organizational contexts in which human resource management occurs in the public sector. It will also focus on the acquisition of skills , knowledge and abilities needed to execute HR functions including, but not limited to, recruitment, selection, strategic planning , compensation, training, professional development and sanctions.

PADM 5281. Intro to Public Policy. (3 Credits)

PADM 5300. Administration of Nonprofit Organizations. (3 Credits)
This course will provide theoretical and application understanding of the operation of corporations in the nonprofit sector. It is designed to equip students with knowledge and skills of basic methods used to lead and manage such organizations and successfully navigate the political, financial, ethical and social challenges of this sector.

PADM 5302. Public Budgeting & Financial Management. (3 Credits)
This course focuses on the allocation of limited resources to address the problems that governments and other public organizations face. To that end, it will examine public budgeting processes and public financial management approaches. Emphasis is placed on the budget cycle, federal budget practices and procedures, unified budgets, national income accounts, executive and legislative roles in the budget process, Government Accounting, Financial Reporting, Government Auditing, Capital Planning and Budgeting, Capital project Analysis and Asset Management.

PADM 5321. Foundations of Health Care Finance. (3 Credits)
This course explores the basics of health care finance. It focuses on topics of expenditures, revenue generation, fund-raising, budgeting and financial planning in health care administration.

PADM 5322. Foundations of Public Health Administration and Management. (3 Credits)
This course will provide a comprehensive introduction and overview of public health management and administration.

PADM 5324. Epidemiology. (3 Credits)
This introductory course will provide a comprehensive introduction to the basic definitions, concepts, principles and methods of population-based epidemiologic research.

PADM 5451. Labor-Management Relations. (3 Credits)
This course focuses on the history and contemporary relations between labor and management, as well as the laws and practices impacting collective bargaining in the public sector. It also examines, within the context of current labor management relations, those issues that may affect workforce planning and development and organizational effectiveness.

PADM 5501. Management Information Systems (MIS) for Public Management. (3 Credits)
The course introduces students to computer applications and information system tools for effectively managing large amounts of data in public sector organizations. The course also introduces concepts and theories of management information systems (knowledge management). various practices in government organizations, as well as related issues, problems, and trends.

PADM 5502. Research Design and Data Analysis. (3 Credits)
This course is designed to acquaint students with the assumptions, concepts, and methods for quantitative and qualitative scientific inquiry and basic data analysis techniques useful in public administration and nonprofit management research.

PADM 5511. Directed Independent Policy Studies. (3 Credits)
This course allows students to pursue specialized interests in policy studies.

PADM 5551. Diversity Management and Public Organization. (3 Credits)
The course will provide a broad-based perspective of diversity management in the workplace. It will examine the contemporary workforce which represents multiple differences, including for example, gender, race, culture, ethnicity, age, alternate lifestyles and physical/mental abilities.

PADM 5600. Issues in Human Resource Management. (3 Credits)
The course examines issues in managing public human resources.

PADM 5615. Human Capital Development: Theory and Practice. (3 Credits)
In this course we will study the choices individuals make regarding the development of their human capital, the relation between human capital and wages, and the impact of human capital on organization performance as well as implications for economy wide performance.

PADM 5616. Human Capital Development & Management. (3 Credits)
This course examines the skills, knowledge, abilities and other characteristics that constitute the concept of human capital and how they impact organizational performance. Based on those attributes, the course addresses issues of strategic human resource planning, strategic human resources management, succession planning as well as the planning tools, techniques and methods for proper human capital management.

PADM 5635. Introduction to Community & Economic Development. (3 Credits)
To examine community and economic development movements in the United States and abroad. The understanding of the physical urban environment and local economic development.

PADM 5650. Executive Leadership: Principles of Public Administration. (3 Credits)
Examines leadership skills necessary to maximize group effectiveness in public and volunteer organizations. Considerable use will be made of role-playing and/or simulation exercises.

PADM 5710. Grantsmanship for Public Administration. (3 Credits)
Offers instruction on the “how to” of grant writing and planning for grant writing in the public sector and nonprofits.

PADM 5720. Contemporary Issues In Public Administration. (3 Credits)
Treats current and recurring issues and problems in public administration at the local, state and federal levels in the United States. How public bureaucracies deal with such problems and issues as effective service delivery of public safety and defense, education, health care, transportation, environmental protection, disease control, welfare and amelioration of poverty, international trade and relations and how service delivery is paid for will be addressed. Prerequisite: 9 semester hours of public administration courses or consent of the instructor.

PADM 5781. Introduction to Public Policy. (3 Credits)
The course emphasizes the nature and definition of public policy, the structure in which public policy is produced and how various kinds of public policy are made.

PADM 5791. Health Policy and Politics. (3 Credits)
This course deals with contemporary health-care policies and politics. The course includes discussions of the current crisis in health costs and proposed solutions.

PADM 5802. Public Policy Analysis. (3 Credits)
The course focuses on the forces that shape the direction of public policy and the mechanics through which public policy is formulated.

PADM 5810. Intergovernmental Relations. (3 Credits)
Emphasizes the issues and problems involved in the relationships among federal, state and local governments.

PADM 5815. International and Comparative Public Policy. (3 Credits)
This course introduces students to the comparative study of public policy and political institutions and acquaints them with a select number of foreign political systems. Through lectures, case studies, and reading assignments, students are exposed to the structural -functional approach to comparative political analysis.

PADM 5823. Program Development, Management & Evaluation. (3 Credits)
A study of basic methods used to evaluate programs and policies, including an examination of the impact which selected policies have had on intended target populations.

PADM 5831. Urban and Rural Community Planning. (3 Credits)
This course is a survey of the principles and practices of public planning for the development and management of human, economic and physical resources of communities. Reviews planning systems at various levels and their interrelationships.

PADM 5850. Community Development Theory and Practice. (3 Credits)
This course explores principles and techniques of local community development. It explores theories of local community development, addresses neighborhood needs and impacts of local policies and programs.

PADM 5851. Professional Public Service internship Project. (3 Credits)
This practicum includes a final professional project in which the student will design, conduct, analyze and report on a project completed during his/her professional service internship.

PADM 5852. Health Care Delivery for Specialized Groups. (3 Credits)
This course is designed to provide the students with an understanding of contemporary issues in health care delivery. Emphasis will be placed on the health needs of low income American families, the elderly, disabled, minorities, children and other medically underserved populations.

PADM 5860. Economic Development Theory and Practice. (3 Credits)
Explores theories of local economic development and addresses the dilemmas contemporary communities face.

PADM 5872. Executive Policy-Making. (3 Credits)
Focuses on the institutional mechanisms and processes of policy formulation at the presidential level.

PADM 5907. Capstone Report. (3 Credits)
This course requires students to complete a written practitioner-based report on a case study that demonstrates their mastery of the material presented in the core courses of the MPA program. The case study must be supported by scholarly literature and students will have to orally defend it to demonstrate their mastery of the chosen subject matter. The capstone report serves as an exit process component designed to assess students' knowledge and skills obtained in these academic courses, competency in critical thinking, and written and oral communication skills.

Social Science (SSCI)

SSCI 5580. Social Studies Concepts and Issues. (3 Credits)
The application of basic social science concepts, skills and processes to the analysis of critical social issues. An interdisciplinary, analytic approach to defining, analyzing and evaluating alternative solutions to local, national and international issues will be undertaken. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

SSCI 5581. Methods/Material - Soc Studies. (3 Credits)
This course covers instructional procedures, materials, and evaluation in teaching social sciences. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

SSCI 5583. Social Studies for Global Understanding. (3 Credits)
Social sciences concepts related to a global perspective will be explored through methodologies of history and the social sciences. Students will be encouraged to clarify their own values regarding a global perspective in education. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

Social Work (SOWK)

SOWK 6011. Social Welfare Policies & Prog. (3 Credits)
Examines the history and current structures of social policies and services, the role of policy in service delivery and the role of practice in policy development. Cr. 3. Prerequisites: Admission to graduate school or the permission of the instructor.

SOWK 6020. Achieving Justice Diverse Wrld. (3 Credits)
Historical, political and socio-economic forces that maintain oppressive values, attitudes, and behaviors in society are examined. Prerequisites: Admission to graduate school or the permission of the instructor.

SOWK 6021. Hum Behav/Social Environment. (3 Credits)
Lays the theoretical groundwork for social work practice with individuals over the lifespan. Prerequisites: Admission to graduate school or the permission of the instructor.

SOWK 6031. Direct Practice Methods. (3 Credits)
Provides students with the knowledge, values and skills to engage, assess, intervene and evaluate individuals. Prerequisites: Admission to the MSW Program and completion of, or concurrent enrollment in, SOWK 6021.

SOWK 6032. Theory/Pract Families/Groups. (3 Credits)
Provides students with the knowledge, values and skills to engage, assess, intervene and evaluate families and groups. Prerequisites: Admission to the MSW Program and completion or concurrent enrollment in SOWK 6021.

SOWK 6033. Theory/Pract Comm/Organization. (3 Credits)
Provides students with the knowledge, values and skills to engage, assess, intervene and evaluate communities and organizations. Prerequisites: Admission to the MSW Program and completion or concurrent enrollment in SOWK 6021.

SOWK 6041. Research in Social Work. (3 Credits)
Provides students with the knowledge, values and skills to employ evidence-based interventions to evaluate practice. Prerequisites: Admission to graduate school or consent of the instructor.

SOWK 6051. Foundation Field Seminar I. (1 Credit)
Connects the theoretical and conceptual contribution of the classroom with the practical world of the field practice setting. Prerequisites: Concurrent enrollment in SOWK 6055: Foundation Field Experience I.

SOWK 6052. Foundation Field Seminar II. (1 Credit)
Connects the theoretical and conceptual contribution of the classroom with the practical world of the field practice setting. Prerequisites: Concurrent enrollment in SOWK 6056: Foundation Field Experience II.

SOWK 6053. Foundation Field Seminar Block. (2 Credits)

SOWK 6055. Foundation Field Experience I. (3 Credits)
MSW-supervised field experience of 225 clock hours. Prerequisites: Admission to the MSW program, successful completion of or concurrent enrollment in first year foundation coursework, concurrent enrollment in SOWK 6051: Foundation Field Seminar I, and written consent of the MSW Field Director.

SOWK 6056. Foundation Field Experience II. (3 Credits)
MSW-supervised field experience of 225 clock hours. Prerequisites: Admission to the MSW program, successful completion of first semester foundation coursework, completion of or concurrent enrollment in second semester foundation coursework, concurrent enrollment in SOWK 6052, and consent of MSW Field Director.

SOWK 6057. Foundation Field Exp Block. (6 Credits)

SOWK 6130. School Social Work. (3 Credits)
Overview of the various social work related theoretical perspectives, models, and programs for intervention with children and their families in school settings. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6131. Family Violence Across Lifespa. (3 Credits)
Examines the various forms of violence in families, including intimate partner abuse, child abuse and elder abuse. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6132. Grief/Loss in Soc Wrk Practice. (3 Credits)
This elective course examines theories and interventions related to grief and loss. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6133. Soc Wrk Prac w/Older Adults. (3 Credits)
Examines the development stages of later adulthood, the aging process and best practices in meeting the needs of older adults. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6134. Special Topics in Social Work. (3 Credits)
Topics vary from semester to semester depending on the needs and interest of the students and the southwest Georgia service area. Prerequisites: Graduate admission; admission to the MSW program or consent of the instructor.

SOWK 6460. International Social Welfare P. (3 Credits)

SOWK 7010. Ethic Decis Making in Sowk Pra. (3 Credits)
This course assists students acquire the knowledge base for identifying ethical issues and the skills necessary to resolve ethical dilemmas.

SOWK 7011. Legal/Ethical Iss Chld/Fam Pol. (3 Credits)
Critical examination of current and proposed policies impacting children, vulnerable adults and families over the lifespan. Prerequisites: Successful completion of all foundation year coursework or consent of instructor.

SOWK 7021. Family Dynam Through Life Cycl. (3 Credits)
Provides the advanced theoretical bases for understanding complex family processes over the lifespan. Prerequisites: Successful completion of all foundation year coursework or consent of instructor.

SOWK 7031. Assessment/Pract w/Child/Adole. (3 Credits)
Examination of theories of childhood and adolescent development, methods of assessment, and the facilitation of change. Prerequisites: Successful completion of all foundation year coursework and completion of, or concurrent enrollment in SOWK 7021.

SOWK 7032. Assessment and Practice w/Fami. (3 Credits)
Focuses on engagement, assessment, planning, and service provision to families. Prerequisites: Successful completion of all foundation year coursework and completion of, or concurrent enrollment in, SOWK 7021.

SOWK 7033. Assess/Pract Vulnerable Adults. (3 Credits)
Focuses on engagement, assessment and service provision with vulnerable adults. Prerequisites: Successful completion of all foundation year coursework and completion of, or concurrent enrollment in, SOWK 7021.

SOWK 7041. Evaluation Practice Child/Fami. (3 Credits)
Applying research knowledge and skill in social service programs for children and families over the lifespan. Prerequisites: Successful completion of all foundation year coursework or consent of instructor.

SOWK 7051. Advanced Field Seminar I. (1 Credit)
Opportunity to connect advanced coursework to social work practice with vulnerable children, families and adults in the field. Prerequisites: Concurrent enrollment in SOWK 7055: Advanced Field Experience I.

SOWK 7052. Advanced Field Seminar II. (1 Credit)
Continued opportunities to connect advanced coursework to social work practice with vulnerable children, families and adults in the field. Prerequisites: Concurrent enrollment in SOWK 7056: Advanced Field Experience II.

SOWK 7053. Advance Field Block Seminar. (2 Credits)

SOWK 7055. Advanced Field Experience I. (3 Credits)
Advanced MSW-supervised placement of 225 clock hours. Prerequisites: Completion of all foundation year course requirements, concurrent enrollment in SOWK 7021, SOWK 7031, SOWK 7041, SOWK 7051, and written consent of the MSW-Field Director.

SOWK 7056. Advanced Field Experience II. (3 Credits)
Advanced MSW-supervised placement of 225 clock hours. Prerequisites: Completion of all first seminar advanced coursework, SOWK 7031, SOWK 7033, SOWK 7011, concurrent enrollment in SOWK 7052, and written consent of the MSW Field Director.

SOWK 7057. Advance Field Experience Block. (6 Credits)

SOWK 7130. Soc Work Prac Abus/Neglect Fam. (3 Credits)
Examines the historical, legal and best social work practices with abusing and neglecting families. Prerequisites: Successful completion of all MSW foundation year coursework.

SOWK 7131. Psychopathology/Psychopharmaco. (3 Credits)
Prepares social workers to understand the medical model of mental health practice (e.g., DSM IV, mental health diagnosis, psychiatric treatment, medications, etc.). Prerequisites: Admission to the MSW programs or consent of the instructor.

SOWK 7132. Social Work with Groups. (3 Credits)
Knowledge, values and empirically-supported practice skills for competent group work with diverse children, adolescents and families. Prerequisites: Successful completion of all MSW foundation year course work.

SOWK 7133. Behav Methods Soc Wrk Practice. (3 Credits)
Examines the practices in behavioral interventions in a variety of settings. Prerequisites: Successful completion of all MSW foundation year course work.

SOWK 7134. Soc Wrk Prac Substnce Abus Fam. (3 Credits)
Provides theories and methods in the assessment, prevention, intervention and rehabilitation of substance abusers and their family members. Prerequisites: Successful completion of all MSW foundation year course work.

SOWK 7135. Soc Wrk Prac/Military Families. (3 Credits)
Evidence-based theories and methods in the assessment, prevention, intervention and rehabilitation with military veterans and their families. Prerequisites: Successful completion of all MSW foundation year course work.

SOWK 7136. Case Management. (3 Credits)
Provides knowledge regarding the historical development, processes and models for case management in the social services. Prerequisites: Successful completion of all MSW foundation year coursework.

SOWK 7137. Crisis Intervention. (3 Credits)
Examination of the impact of specific crises on individuals and families such as life-threatening illness, trauma, physical and mental disability, and death. Prerequisites; Successful completion of all MSW foundation year course work.

SOWK 7138. Supervision in the Social Scie. (3 Credits)
Provides the knowledge, values and skills necessary to provide competent supervision in social service organizations. Prerequisites: Successful completion of all MSW foundation year coursework.

SOWK 7139. Global Research. (3-6 Credits)
A variable content elective graduate course focusing on selected topics in social work and social welfare. Prerequisites: Admission to the MSW program and consent of the instructor.

SOWK 7141. Directed Independent Study. (3-6 Credits)
An individualized research study of a social work issue conducted under the direction and supervision of graduate faculty. Prerequisites: Admission to the MSW program, written consent of the sponsoring faculty member, and written consent of the MSW Program Director.

SOWK 7155. Field Experience Elective I. (1 Credit)
Requires 75 clock hours of elective field work in an approved MSW-supervised social work setting. Prerequisites: Admission to the MSW program and written consent of the MSW Field Director.

SOWK 7156. Field Experience Elective II. (2 Credits)
Requires 150 clock hours of elective field work in an approved MSW-supervised social work setting. Prerequisites: Admission to the MSW program and written consent of the MSW Field Director.

SOWK 7157. Field Experience Elective II. (3 Credits)
Requires 225 clock hours of elective field work in an approved MSW-supervised social work setting. Prerequisites: Admission to the MSW program and written consent of the MSW Field Director.

SOWK 7400. Policy in Rural Areas. (3 Credits)

Special Education (SPED)

SPED 5501. Exceptional Child. (3 Credits)
A survey course satisfying House Bill 671 and focusing on the characteristics, identification, prevalence, and programming of exceptionality areas for which children and youth may obtain special educational services.

SPED 5510. Characteristics & Instruc Stra. (3 Credits)
A study of the commonality of characteristics leading to the identification, placement, and service delivery models for children/youth with mild disabilities and strategies to address identified needs of this student population. Emphasis will be placed on the guiding principles, implementation, and evaluative criteria for the inclusion of systematic instruction, task analysis, and behavioral management of children/youth with mild learning and behavioral problems.

SPED 5512. Characteristics of Children and Youth with Mild Learning, Intellectual, or Behavioral Disabilities. (3 Credits)
A study of the commonality of characteristics leading to the identification, placement, and service models for children with mild learning and behavior problems. Prerequisites: SPED 5501 or SPED 2265.

SPED 5515. Nature and Characteristics of Intellectual Disabilities. (3 Credits)
Study of the nature and characteristics of children and youth eligible for services in intellectual disabilities on the severe, moderate, and mild levels. Prerequisite SPED 5501 or 3231.

SPED 5516. Nature & Charac of Gifted. (3 Credits)
GIFT 5516 has been designed as one semester introduction to and overview of the field of gifted education. Topics include: theoretical and historical contexts; characteristics of gifted learners; influences on gifted learners (family, community, culture, etc.); identification of gifted, talented and creative learners; instructional models and practices; legislation and policy guidelines; and current issues in the field. This course will has been designed as a “hybrid” course involving both face to face (f2f) and online instructional activities, including: lecture, small & large group discussion, student presentations, expert presentations, and various types of “observations” of gifted learners and learning environments.

SPED 5522. Teaching the Preschool Exceptional Child. (3 Credits)
This course emphasizes the methods, modes of evaluating, and other skills required for the teaching of preschool handicapped infants and toddlers. The areas to be covered include stimulation training, readiness programing, academic and social awareness, and service delivery systems.

SPED 5524. Instructional Strategies for Teaching the Mildly Disabled. (3 Credits)
Principles, implementation and evaluative criteria for inclusion of systematic instruction, task analysis and behavioral management used for the instruction of children/youth with mild learning and behavioral problems.

SPED 5525. Instructional Strategies for Intellectual Disabilities. (3 Credits)
The cyclical process of assessment, planning, implementation, and evaluation is emphasized. Teaching methods and materials for group instruction, as well as individualized instruction is highlighted.

SPED 5529. Instr Methods in Gifted Edu. (3 Credits)
This Course explores concepts, strategies, methods, and techniques of teaching the gifted student. Opportunities are provided for development of strategies based on principles of gifted education. Special emphasis will be devoted to selection of strategies for the development of creativity. Offered: Summer.

SPED 5530. Counseling Parents for Exceptional Children. (3 Credits)
Practicing teachers are taught to take a developmental approach to their subject, focusing on the uniqueness of each family and each child from infancy, through the primary grades, to middle school, high school, and adulthood.

SPED 5536. Curriculum for Gifted Edu. (3 Credits)
The course explores how appropriate curricula for the gifted is a response to the cognitive and affective needs which may be unique to gifted learners as well as those they share with their peers. Participants will examine modifications in the content, process, product, affect, and learning environment of classroom and curricula as they relate to gifted learners. They will gain experience in developing concept-based, open-ended, flexibly paced curriculum that can be implemented in the classroom immediately. Offered: Summer.

SPED 5542. Behavior Modification for Special Education Students. (3 Credits)
Application of behavior modification principles and behavior analysis in both general and special education classrooms.

SPED 5545. Educational Assessment of Exceptional Children. (3 Credits)
Focuses on the use of evaluation to determine classification and eligibility, to plan individualized education programs (IEPs) and to evaluate teacher effectiveness and pupil progress.

SPED 5547. Behavior Management of Exceptional Children. (3 Credits)
An eclectic approach to behavior management. Affective psychodynamic techniques, ecological and environmental arrangements and behavior modification principles and the primary theoretical systems that are explored.

SPED 5563. Issues in Interrelated Special Education. (3 Credits)
Focuses on the current trends and issues affecting special educators. Objectives for the teacher competency tests in special education are addresses and studied.

SPED 5570. Practicum in Interrelated Special Education. (3 Credits)
Field-based experiences provide an opportunity for extensive training and application of knowledge with exceptional children and youth in the areas of mild intellectual disabilities, behavior disorders and specific learning disabilities.

SPED 5580. Directed Studies in Research and Reading in Special Education. (3 Credits)
Intensive study in selected areas in the field of special education with application of knowledge in a written format, such as a grant proposal, research article, or journal publication. Advisors permission is required.

SPED 5590. Teaching of Reading and Math to Exceptional Learners. (3 Credits)
A study of specialized reading and math techniques and strategies for use with students with learning disorders includes diagnosis, remediation, and determination of readability levels, error analysis and corrective strategies.

Supply Chain & Logistics Mgmt (LOGM)

LOGM 6101. Global Supply Chain Management. (3 Credits)
This course presents the key concepts of supply chain management using the most successful supply chains around the globe. The course will place a special emphasis on the role of supply chain as a key strategic core competency. The course will include inventory management, forecasting and information systems. Offered: Fall.

LOGM 6105. Procurement and Contract Management. (3 Credits)
This course covers the most important aspects of the procurement and sourcing options. The course describes the flow of sourcing and procurement decisions using illustrative examples and case studies. Offered: Spring.

LOGM 6111. Analytical Methods in Supply Chain Analysis. (3 Credits)
This course presents key analytical tools commonly used in the design and optimization of logistics systems. The course includes tools such as linear and integer programming and simulation. Offered: Spring.

LOGM 6113. Advanced Quality Management. (3 Credits)
This hands-on course covers advanced Lean Six Sigma tools used to deliver high improvements to quality and profitability. The course uses a supply chain fictitious case study that illustrates the application of the tools. Offered: Fall.

Water Policy (WRMP)

WRMP 6400. Hydrology and Irrigation Fundamentals. (3 Credits)
This course is designed to introduce the social scientist to concepts basic to hydrology and irrigation. Fundamental characteristics of aquifers - tributary and non-tributary - are discussed along with their relevance for policy issues. Irrigation techniques and water use efficiency are discussed.

WRMP 6405. Environmental and Natural Resource Policy. (3 Credits)
This course provides an overview of the theoretical principles, public policy instruments and current practice involved in applying economic theory and models to problems associated with the management and conservation of natural and environmental systems.

WRMP 6410. Natural Resource Management and Planning. (3 Credits)
The course introduces the tools and concepts required for conducting benefit/cost analyses of actions that affect natural resources and the environment, as well as economic activity in regional economies. Attention is devoted primarily to economic and measurement tools relevant for such analyses, including techniques and methods for measuring market and non-market costs and benefits.

WRMP 6415. Water and Law Legislation. (3 Credits)
This course is designed to introduce students without a background in law to basic legal concepts that are of critical importance for the design and implementation of water policies. Included will be a review of all major court decisions concerning equitable apportionment and their relevance for contemporary water policy.

WRMP 6420. Water Resources Policy Field Project. (3 Credits)
The Professional Project is an essential component of the student's work in the Water Resources Management and Policy Concentration. The student is required to design and conduct research on a water-related issue/problem, in a field setting, and to prepare a paper outlining the research project and the results of the research. The paper should be of sufficient quality for submission to a referred journal. In addition, the student must defend his/her research project (professional paper) to peers and a faculty committee.

WRMP 6421. Water Resources/Policy Prof. (3 Credits)
The Professional Project is also an essential component of the student's work in the Water Resources Management and Policy Concentration. It provides students with the opportunity to identify a water resources management problem/ beyond the field setting, explore strategies or alternative approaches for addressing the problem and then prepare a report that captures those corrective strategies or policy recommendations associated with the issue. The report which must be of acceptable quality will be defended by students in the presence of peers and facult.

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- General Administrative Officers (p. 462)
- Academic Officers (p. 462)
- Academic Department Chairs (p. 462)
- Faculty (p. 463)
- Faculty Emeriti (p. 473)

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Academic Program Listing

CIP Code	Degree Level	Degree Program
34010401	Certificate of Less than One Year	Addiction Counseling (https://catalog.asurams.edu/undergraduate/arts-sciences/sociology-psychology/addiction-counseling-certificate/)
51091101	Certificate of Less than One Year	Computed Tomography (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/computed-tomography-certificate/)
11010101	One-Year Certificate	Computer Technology (https://catalog.asurams.edu/undergraduate/arts-sciences/mathematics-computer-science/computer-technology-certificate/)
51090401	One-Year Certificate	Emergency Medical Service (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/emergency-medical-services-certificate/#emscertificatetext)
51090401	Certificate of Less than One Year	Emergency Medical Technician (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/emergency-medical-services-certificate/#emtcertificatetext)
51100801	Certificate of Less than One Year	Histology (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/histotechnician-certificate-program/)
13050101	Certificate of Less than One Year	Instructional Technology (https://catalog.asurams.edu/undergraduate/arts-sciences/mathematics-computer-science/instructional-technology-certificate/)
51070701	Certificate of Less than One Year	Medical Coding (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/medical-coding-certificate-program/)
51100901	Certificate of Less than One Year	Phlebotomy Technician (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/phlebotomy-certificate-program/)
24010101	Associate	Associate of Arts, Core Curriculum (https://catalog.asurams.edu/undergraduate/degree-programs/#text)
24010101	Associate	Associate of Science, Core Curriculum (https://catalog.asurams.edu/undergraduate/degree-programs/#text)
51060201	Career Associate	Associate of Science in Dental Hygiene (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/dental-hygiene-associate-science-degree-program/)
51091001	Career Associate	Associate of Science in Diagnostic Medical Sonography (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/diagnostic-medical-sonography-associate-science-career-degree-program/)
51090401	Career Associate	Associate of Science in Emergency Medical Services (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/emergency-medical-services-certificate/)

CIP Code	Degree Level	Degree Program
51070701	Career Associate	**Associate of Science in Health Information Technology (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/health-information-technology-career-associate-science-degree-program/)**
51100801	Career Associate	**Associate of Applied Science in Histologic Technician (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/histologic-technician-associate-applied-science-degree-program/)**
51100401	Career Associate	**Associate of Science in Medical Laboratory Technology (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/medical-laboratory-technology-career-associate-science-degree-program-/)**
51380101	Career Associate	**Associate of Science in Nursing (https://catalog.asurams.edu/undergraduate/darton-health-professions/nursing/nursing-associate-science-asn/)**
51080301	Career Associate	**Associate of Science in Occupational Therapy Assistant (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/occupational-therapy-assistant-career-associate-science-degree-program/)**
51080601	Career Associate	**Associate of Science in Physical Therapist Assistant (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/physical-therapist-assistant-career-associate-science-degree-program/)**
51091101	Career Associate	**Associate of Science in Radiologic Science (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/radiologic-science-career-associate-science-degree-program/)**
51090801	Career Associate	**Associate of Science in Respiratory Therapy (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/respiratory-care-career-associate-science-degree-program/)**
52029901	Bachelors	**Bachelor of Applied Science with a Major in Technology Management (https://catalog.asurams.edu/undergraduate/professional-studies/business/bas-technology-management/)**
23010104	Bachelors	**Bachelor of Arts with a Major in English (https://catalog.asurams.edu/undergraduate/arts-sciences/english-modern-languages-mass-communication/english-bachelor-arts-degree/)**
54010141	Bachelors	**Bachelor of Arts with a Major in History (https://catalog.asurams.edu/undergraduate/arts-sciences/history-political-science-interdisciplinary-studies/history-ba/)**
9010242	Bachelors	**Bachelor of Arts with a Major in Mass Communication (https://catalog.asurams.edu/undergraduate/arts-sciences/english-modern-languages-mass-communication/mass-communication-bachelor-arts/)**
45100108	Bachelors	**Bachelor of Arts with a Major in Political Science (https://catalog.asurams.edu/undergraduate/arts-sciences/history-political-science-interdisciplinary-studies/political-science-ba/)**
42010109	Bachelors	**Bachelor of Arts with a Major in Psychology (https://catalog.asurams.edu/undergraduate/arts-sciences/sociology-psychology/psychology-bachelor-arts/)**

CIP Code	Degree Level	Degree Program
45110100	Bachelors	Bachelor of Arts with a Major in Sociology (https://catalog.asurams.edu/undergraduate/arts-sciences/sociology-psychology/sociology-bachelor-arts/)
50010101	Bachelors	Bachelor of Arts with a Major in Visual and Performing Arts [1] (https://catalog.asurams.edu/undergraduate/arts-sciences/visual-performing-arts/visual-performing-arts-bachelor-arts/)
51380101	Bachelors	Bachelor of Science in Nursing (https://catalog.asurams.edu/undergraduate/darton-health-professions/nursing/nursing-bachelor-science-bsn/)
51380105	Bachelors	Bachelor of Science in Nursing, RN to BSN (https://catalog.asurams.edu/undergraduate/darton-health-professions/nursing/rn-to-bsn/)
52030100	Bachelors	Bachelor of Science with a Major in Accounting (https://catalog.asurams.edu/undergraduate/professional-studies/business/bs-accounting/)
26010112	Bachelors	Bachelor of Science with a Major in Biology (https://catalog.asurams.edu/undergraduate/arts-sciences/biological-sciences/biology-bachelor-science/)
30000001	Bachelors	Bachelor of Arts with a Major in Interdisciplinary Studies (https://catalog.asurams.edu/undergraduate/arts-sciences/history-political-science-interdisciplinary-studies/interdisciplinary-studies-ba/)
52120113	Bachelors	Bachelor of Science with a Major in Management Information Systems & Technology (https://catalog.asurams.edu/undergraduate/professional-studies/business/bs-management-information-systems-technology/)
40050114	Bachelors	Bachelor of Science with a Major in Chemistry (https://catalog.asurams.edu/undergraduate/arts-sciences/chemistry-forensic-science/chemistry-bs/)
11010115	Bachelors	Bachelor of Science with a Major in Computer Science (https://catalog.asurams.edu/undergraduate/arts-sciences/mathematics-computer-science/computer-science-bachelor-science/)
43010416	Bachelors	Bachelor of Science with a Major in Criminal Justice (https://catalog.asurams.edu/undergraduate/professional-studies/criminal-justice/criminal-justice-bachelor-science/)
13121043	Bachelors	Bachelor of Science with a Major in Early Childhood Education (https://catalog.asurams.edu/undergraduate/professional-studies/teacher-education/early-childhood-education-grades-k-5-bachelor-science/)
43019917	Bachelors	Bachelor of Science with a Major in Forensic Science (https://catalog.asurams.edu/undergraduate/arts-sciences/chemistry-forensic-science/forensic-science-bs/)
13999921	Bachelors	Bachelor of Science with a Major in Health and Human Performance (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-human-performance/)
51070601	Bachelors	Bachelor of Science with a Major in Health Information Management (https://catalog.asurams.edu/undergraduate/darton-health-professions/health-sciences-division/health-information-management-bachelor-science/)
52020118	Bachelors	Bachelor of Science with a Major in Management (https://catalog.asurams.edu/undergraduate/professional-studies/business/bs-management/)

CIP Code	Degree Level	Degree Program
52140119	Bachelors	Bachelor of Science with a Major in Marketing (https://catalog.asurams.edu/undergraduate/professional-studies/business/bs-marketing/)
27010106	Bachelors	Bachelor of Science with a Major in Mathematics (https://catalog.asurams.edu/undergraduate/arts-sciences/mathematics-computer-science/mathematics-bachelor-science-degree/)
13120320	Bachelors	Bachelor of Science with a Major in Middle Grades Education (https://catalog.asurams.edu/undergraduate/professional-studies/teacher-education/middle-grades-education-mged-4-8-bachelor-science/)
52021300	Bachelors	Bachelor of Science with a Major in Organizational Leadership (e-major collaborative partner) (https://catalog.asurams.edu/undergraduate/arts-sciences/history-political-science-interdisciplinary-studies/organizational-leadership-bachelor-science/)
13120501	Bachelors	Bachelor of Science with a Major in Secondary Education (https://catalog.asurams.edu/undergraduate/professional-studies/teacher-education/secondary-education-bachelor-science/)
52020301	Bachelors	Bachelor of Science with a Major in Supply Chain and Logistics Management (https://catalog.asurams.edu/undergraduate/professional-studies/business/bs-supply-chain-logistics-management/)
44070100	Bachelors	Bachelor of Social Work (https://catalog.asurams.edu/undergraduate/professional-studies/social-work/social-work-bachelor-arts-degree-bsw/)
52020128	Masters	Master of Business Administration (https://catalog.asurams.edu/graduate/degree-programs/business/)
13121044	Masters	Master of Education with a Major in Early Childhood Education (https://catalog.asurams.edu/graduate/degree-programs/teacher-education/early-childhood-education-med/)
13040129	Masters	Master of Education with a Major in Educational Leadership Tier I (https://catalog.asurams.edu/graduate/degree-programs/counseling-educational-leadership/masters-degree-educational-administration-supervision-tier/)
13120330	Masters	Master of Education with a Major in Middle Grades Education (https://catalog.asurams.edu/graduate/degree-programs/teacher-education/middle-grades-education-med/)
13110131	Masters	Master of Education with a Major in Counselor Education (https://catalog.asurams.edu/graduate/degree-programs/counseling-educational-leadership/counselor-education-med/)
13120501	Masters	Master of Education with a Major in Secondary Education (https://catalog.asurams.edu/graduate/degree-programs/teacher-education/master-education-secondary-education/)
13100132	Masters	Master of Education with a Major in Special Education (https://catalog.asurams.edu/graduate/degree-programs/teacher-education/special-education-med/)
44040100	Masters	Master of Public Administration (https://catalog.asurams.edu/graduate/degree-programs/public-administration-mpa/)
43010438	Masters	Master of Science in Criminal Justice (https://catalog.asurams.edu/graduate/degree-programs/criminal-justice-master-science/)
51380101	Masters	Master of Science in Nursing (https://catalog.asurams.edu/graduate/degree-programs/nursing/nursing-master-science/)

CIP Code	Degree Level	Degree Program
44070101	Masters	**Master of Social Work (https://catalog.asurams.edu/graduate/degree-programs/social-work-masters-program/)**
13040140	Education Specialist	**Education Specialist with a Major in Educational Leadership Tier II (https://catalog.asurams.edu/graduate/degree-programs/counseling-educational-leadership/educational-specialist-educational-administration-supervision-tier-ii/)**

[1] With concentrations in Visual Art, Music, Music Education, and Theatre

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University Courses (ASU)

ASU 1101. First Year Experience: Pathways to Success. (1 Credit)

ASU 1101 is a one-credit hour course designed to help students develop strategies and skills necessary for a successful college career. Course goals include developing academic skills, identifying campus resouces and services, developing a connection to the institution, establishing self-exploration and personal development, and understanding behaviors related to health and wellness.

ASU 1101H. First Year Experience: Pathways to Sucess. (1 Credit)

ASU 1101 is a one-credit hour course designed to help students develop strategies and skills necessary for a successful college career. Course goals include developing academic skills, identifying campus resouces and services, developing a connection to the institution, establishing self-exploration and personal development, and understanding behaviors related to health and wellness.

Credit Hour Definition

Albany State University bases the awarding of credit hours on section 3.4.1 of the University System of Georgia Policy Manual – often referred to as the “750 minute policy” which states:

- "All USG institutions shall be on the semester system (BOR Minutes, December, 1995).
- The academic year shall consist of two (2) regular semesters, each not to be less than fifteen (15) calendar weeks in length, excluding registration.
- A minimum of 750 minutes of instruction is required for each semester credit hour."

The definition for a credit hour is the same for face to face or online courses.

the two transfer associate degree programs are presented below rather than in a particular department because many different academic departments contribute courses for the completion of the Core Curriculum.

NOTE: All Area F courses must be completed with a grade of C or better.

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Career Associate Degrees

- Dental Hygiene
- Diagnostic Medical Sonography
- Emergency Medical Services
- Health Information Technology
- Histologic Technician
- Medical Laboratory Technology
- Nursing
- Occupational Therapy Assistant
- Physical Therapist Assistant
- Radiologic Science
- Respiratory Therapy

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Associate of Arts in Core Curriculum

In order to earn the transfer Associate of Arts degree in Core Curriculum, students must complete areas A-E of the ASU Core Curriculum for non-STEM majors and one of the options for satisfying Area F listed in the degree requirements below.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Select one of the following options for satisfying Area F		**18**
Select this option for further study in Art		
MUSC 1007	Concert and Recitals Attendance	
ARTS 1001	Design I-Fundamentals of Design	

ARTS 1031	Drawing I-Basic Drawing
ARTS 2002	Design II-Fundamentals of Design
ARTS 2032	Drawing II-Intermediate Drawing
ARTS 2280	Art History Survey 1
ARTS 2285	Art History Survey II
Select this option for further study in Dance	
DANC 1000	Dance Performance
DANC 2400	Dance Production
DANC 1600	Dance Improvisation
DANC 1740	Modern Dance I
DANC 2750	Modern Dance II
DANC 1760	Modern Dance III
DANC 1840	Ballet Technique I
DANC 1850	Ballet Technique II
DANC 1860	Ballet Technique III
DANC 1900	Dance Composition
DANC 2100	World Dance History
Select this option for further study in English	
Required courses for English option	
ENGL 2112	World Literature II
ENGL 2298	Survey of English Literature I
ENGL 2299	Survey of English Literature II
ENGL 2406	Literary Forms
Select one of the following course sequences	

FREN 2001 & FREN 2002	Intermediate French I and Intermediate French II
SPAN 2001 & SPAN 2002	Intermediate Spanish I and Intermediate Spanish II
GRMN 2001 & GRMN 2002	Intermediate German I and Intermediate German II
Select this option for further study in History	
HIST 2111	Survey of American History I
POLS 2102	Introduction to Law
SSCI 2402	Microcomputers in Social Science
HIST 2112	Survey of American History II
2000 Level	Social Science
2000 Level	Foreign Language
Select this option for further study in Music	
MUSC 1007	Concert and Recitals Attendance
ARTS 1102	Introduction to Visual and Performing Arts
MUSC 1001	Class Piano I
MUSC 1002	Class Piano II
MUSC 1004	Functional Piano Class
MUSC 1005	Functional Piano Class
MUSC 1**1	Freshman Applied Lesson
MUSC 1**2	Freshman Applied Lesson
MUSC 1021	Elementary Harmony and Musicianship
MUSC 1133	Introduction to Music Literature
MUSC 1022	Elementary Harmony and Musicianship
MUSC 2**1	Sophomore Applied Lesson

MUSC 2**2	Sophomore Applied Lesson
Select this option for further study in Music Education	
MUSC 1007	Concert and Recitals Attendance
ARTS 1102	Introduction to Visual and Performing Arts
MUSC 1001	Class Piano I
MUSC 1002	Class Piano II
MUSC 1004	Functional Piano Class
MUSC 1005	Functional Piano Class
MUSC 1**1	Freshman Applied Lesson
MUSC 1**2	Freshman Applied Lesson
MUSC 1021	Elementary Harmony and Musicianship
MUSC 1123	Introduction to World Music
MUSC 1022	Elementary Harmony and Musicianship
MUSC 2010	Introduction to Music Education
MUSC 2**1	Sophomore Applied Lesson
MUSC 2**2	Sophomore Applied Lesson
Select this option for further study in Political Science	
ECON 2106	Principles of Microeconomics
POLS 2101	Introduction to Political Science
POLS 2102	Introduction to Law
SSCI 2402	Microcomputers in Social Science
2000 Level	Social Science
2000 Level	Foreign Language
Select this option for further study in Psychology	
Required courses	

PSYC 1101	General Psychology
PSYC 2270	Psychology of Ethics
Select 4 courses from the following	
SOCI 1160	Introduction to Social Problems
ECON 2201	Survey of Economics
SSCI 2402	Microcomputers in Social Science
MDLG	Foreign Language (Option)
PSYC 2295	Psychology of Adjustment
CRJU 1100	Introduction to Criminal Justice
Select this option for further study in Sociology	
Required courses	
SOCI 1101	Introduction to Sociology
SOCI 1160	Introduction to Social Problems
SOCI 2031	Intro to Anthropology
SOCI 2291	The Sociology of Gender Roles
Select 2 courses from the following	
SSCI 2402	Microcomputers in Social Science
ECON 2201	Survey of Economics
POLS 2101	Introduction to Political Science
POLS 2102	Introduction to Law
MDLG	Foreign Language (Option)
Select this option for further study in Theater	
MUSC 1007	Concert and Recitals Attendance
THEA 1100	Theater Appreciation
ARTS 1102	Introduction to Visual and Performing Arts

THEA 1110	Stagecraft	
THEA 2020	Voice and Diction	
THEA 2030	Oral Interpretation	
THEA 2900	Production and Performance	
THEA 2901	Production and Performance	
THEA 2041	Acting I Laboratory	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**63**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

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Associate of Science in Core Curriculum

In order to earn the transfer Associate of Science degree in Core Curriculum, students must complete areas A-E of the ASU Core Curriculum for STEM majors and one of the options for completing Area F listed in the degree requirements below.

Core Curriculum for STEM Majors (See footnotes for specific requirements for Areas A2 and D dependent upon the Area F option selected)		**43**
Select one of the following options for satisfying Area F		**18**
Select this option for further study in Biological Science [7]		
BIOL 2107K	Principles of Biology I	
BIOL 2108K	Principles of Biology II	
PHYS 1111K	Introductory Physics I	
PHYS 1112K	Introductory Physics II	

Histologic Technician Program

Freshman Year

First Semester		
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see link in footnote). [2]		3
MATH 1111	College Algebra	3
Second Semester		
BIOL 2412K	Human Anatomy and Physiology II	4
ENGL 1102	English Composition II	3
COMM 1100	Human Communications	3
or COMM 1110	Public Speaking	
CHEM 1211K	Principles of Chemistry I	4
Third Semester		**4-8**
CHEM 1212K	Principles of Chemistry II [3]	
BIOL 2211K	Introduction to Microbiology	
Total Semester Hours		**31-35**

Sophomore Year for Fall Program Start

Sophomore Year		
Fall		**Semester Hours**
MLTS 1300	Introduction to Histology	3
MLTS 1310W	Histology I	3

MLTS 1310L	Histology I Lab	1
MLTS 1320W	Histology II	2
MLTS 1320L	Histology II Lab	1
MLTS 1330	Histology III	1
	Semester Hours	**11**
Spring		
MLTS 1340	Clinical Histology Externship	5
MLTS 1350	Histology V	2
MLTS 1360	Histology VI	1
POLS 1101	American Government	3
BUSA 2101	Survey of Computer Applications	3
	Semester Hours	**14**
	Total Semester Hours	**25**

Sophomore Year for Spring Program Start

Sophomore Year		
Spring		**Semester Hours**
MLTS 1300	Introduction to Histology	3
MLTS 1310W	Histology I	3
MLTS 1310L	Histology I Lab	1
MLTS 1320W	Histology II	2
MLTS 1320L	Histology II Lab	1
MLTS 1330	Histology III	1
	Semester Hours	**11**
Summer		

MLTS 1350	Histology V	2
MLTS 1360	Histology VI	1
BUSA 2101	Survey of Computer Applications	3
	Semester Hours	**6**
Fall		
MLTS 1340	Clinical Histology Externship	5
CHEM 1212K	Principles of Chemistry II	4
POLS 1101	American Government	3
	Semester Hours	**12**
	Total Semester Hours	**29**

[1] Courses are to be completed at an approved clinical affiliate for online students.

[2] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page.

[3] Students who start in the spring semester will take this course in their sophomore year.

NOTE: Students must score a "C" or higher in all Histologic Technician program courses (MLTS) in order to successfully complete each course. Satisfactory completion of the Albany State University NAACLS Accredited Histologic Technician Program provides the necessary qualifications for National Certification Examinations.

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience."

MLTS 1160L. Medical Laboratory Technology I Lab. (1 Credit)

The laboratory component of the course is utilized to develop skills and competencies required to perform laboratory analysis of blood and body fluids. Prerequisite: Admission into the MLTS program or permission of the instructor. Corequisite: MLTS 1160W. Offered: Fall; online and traditional options.

MLTS 1160W. Medical Laboratory Technology I. (3 Credits)

An in-depth study of the sciences of hematology and body fluids analysis. It deals with the morphology of blood and blood-forming tissues, the principles of blood sample collections, and the

THEA 1110	Stagecraft	
THEA 2020	Voice and Diction	
THEA 2030	Oral Interpretation	
THEA 2900	Production and Performance	
THEA 2901	Production and Performance	
THEA 2041	Acting I Laboratory	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**63**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

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Associate of Science in Core Curriculum

In order to earn the transfer Associate of Science degree in Core Curriculum, students must complete areas A-E of the ASU Core Curriculum for STEM majors and one of the options for completing Area F listed in the degree requirements below.

Core Curriculum for STEM Majors (See footnotes for specific requirements for Areas A2 and D dependent upon the Area F option selected)		**43**
Select one of the following options for satisfying Area F		**18**
Select this option for further study in Biological Science [7]		
BIOL 2107K	Principles of Biology I	
BIOL 2108K	Principles of Biology II	
PHYS 1111K	Introductory Physics I	
PHYS 1112K	Introductory Physics II	

BIOL 1801	Science Career Exploration
Select this option for further study in Business Fields [8]	
ACCT 2101	Accounting Principles I
ACCT 2102	Accounting Principles II
MIST 2010	Fundamentals of Computer Applications
ECON 2105	Principles of Macroeconomics
ECON 2106	Principles of Microeconomics
BUSA 1105	Introduction to Business [9]
or MIST 2040	Communication for Management
Select this option for further study in Chemistry [10]	
CHEM 1211K	Principles of Chemistry I
CHEM 1212K	Principles of Chemistry II
CHEM 2301K	Organic Chemistry I
CHEM 2302K	Organic Chemistry II
CHEM 2310	Scientific Mathematics
Select this option for further study in Computer Science [11]	
CSCI 1201	Introduction to Computer Science
CSCI 1301	Computer Science I
CSCI 1302	Computer Science II
MATH 1211	Calculus I
MATH 2411	Introduction to Statistics
Select this option for further study in Criminal Justice	
Required courses	
CRJU 1100	Introduction to Criminal Justice
CRJU 2200	Intro to Law Enforcement

CRJU 2210	Intro. to Criminal Law & Procedure
CRJU 2400	Report Writing & Research Skills
CRJU 2800	American Correctional Systems
Select one of the following	
SOCI 1160	Introduction to Social Problems
ECON 2201	Survey of Economics
POLS 2101	Introduction to Political Science
BUSA 2101	Survey of Computer Applications
SSCI 2402	Microcomputers in Social Science
Any foreign language course	
Select this option for further study in Education [4]	
Required courses	
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1, 6]
EDUC 2120	Exploring Socio-Cult Perspective [2, 6]
EDUC 2130	Exploring Teaching and Learning [3, 6]
9 Additional Credit Hours Selected from one of the following areas	
AA Students interested in pursuing career/academics in Early Childhood must take these courses	
ISCI 2001	Life/Earth Science [6]
ISCI 2002	Physical Science [6]
MATH 2008	Foundation Of Numbers And Oper [6]
AA Students interested in pursuing career/academics in Middle Grades must select 9 hours from these courses	
MATH 2411	Introduction to Statistics [5]
MATH 2008	Foundation Of Numbers And Oper
ENGL 2406	Literary Forms

ENGL 2204	Advanced Composition [6]
HIST 2111	Survey of American History I [5, 6]
HIST 2112	Survey of American History II [5]
HIST 2116	American Military History
AA Students interested in pursuing career/academics in Physical Education must take these three courses	
BIOL 2411K	Human Anatomy and Physiology I
BIOL 2412K	Human Anatomy and Physiology II [6]
WELL 1007	Aquatics I [6]
Select this option for further study in Engineering [12]	
Required course	
MATH 2212	Calculus II
Select one of the following lab science courses	
BIOL 2107K	Principles of Biology I
CHEM 1212K	Principles of Chemistry II
Select 3 of the following courses	
ENGR 1103	Principles of Engineering Analysis and Design
ENGR 1200	Engineering Computing
ENGR 1203	Engineering Graphics
ENGR 2201	Engineering Statics
ENGR 2413	Electric Circuit Analysis
Select this option for further study in Health Sciences [13]	
ALHE 1120	Medical Terminology
BIOL 2411K	Human Anatomy and Physiology I
BIOL 2412K	Human Anatomy and Physiology II

Select 8 additional semester hours (see footnote for details) [14]		
Select this option for further study in Mathematics [15]		
MATH 1211	Calculus I	
MATH 2212	Calculus II	
MATH 2213	Calculus III	
MATH 2411	Introduction to Statistics	
MATH 2111	Linear Algebra	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [16]	2
Total Semester Hours		**64**

1 Prerequisite is ENGL 1101

2 Prerequisite is EDUC 2110

3 Prerequisite is EDUC 2120

4 Courses in this Area MUST be approved by the student's assigned academic advisor to ensure they meet the needs of the student's academic and career goals.

5 Courses cannot be used to satisfy multiple areas of the check sheet.

6 Required for one or more pathways to BS Teacher Education programs.

7 Students who select Biological Science as their Area F option are required to complete MATH 1113 Pre-Calculus in Area A2.

8 Students who select Business Fields as their Area F option are required to complete MATH 1111 College Algebra in Area A2 and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

9 Take both if ECON 2105 is taken in Area E

10 Students who select Chemistry as their Area F option are required to complete MATH 1113 Pre-Calculus or MATH 1211 Calculus I in Area A2. For students who take MATH 1211 the extra credit hour will be applied to elective hours in the degree program.

11 Students who select Computer Science as their Area F option are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

12 Students who select Engineering as their Area F option are required to complete MATH 1113 Pre-Calculus or MATH 1211 Calculus I in Area A2. If MATH 1113 is taken in Area A2, MATH 1211 must be taken in Area D.

- Students who have completed all of the **courses required for program admission**will likely have higher scores in the competitive admission process.

1. **Proof of Hepatitis B immunization prior to first patient contact.**

2. **Proof of CPR certification (American Heart Association Healthcare Provider Card) prior to first patient contact.**

3. **Readmission of returning students:** Any student who must interrupt enrollment must re-apply to the Dental Hygiene Program and, if accepted, placement will be determined after previous course work has been evaluated by the Program Director. The evaluation may result in repeating a course previously completed successfully for continuity of skill acquisition and/or professional knowledge. Dental Hygiene courses more than two years old must be repeated. Students who fail a Dental Hygiene clinical course must repeat both the clinical course and the concurrent lecture course.

   Please note that admission to Dental Hygiene is competitive and is based on the academic qualifications of the current applicant pool.

4. To progress successfully through the curriculum and function as a practicing dental hygienist after graduation, the individual must have:

   a. Visual acuity with or without corrective lenses to read an instrument calibrated in mm and to detect subtle dental stains;

   b. Hearing with or without auditory aids to measure blood pressure using an aneroid sphygmomanometer and to obtain a medical/dental history by interview;

   c. Physical ability to operate equipment (unit, stool, x-ray machine, etc.);

   d. Manual dexterity to perform the fine motor functions associated with intra-oral

Recommended Pre-Requisite Courses for Career Associate of Science Degree Program

Courses required for program admission:		
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional	4
or BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	
MATH 1111	College Algebra	3

CHEM 1151K	Survey of Chemistry I [1]	4
or BIOL 2211K	Introduction to Microbiology	
Required courses that may be taken before or after program admission:		
BIOL 2211K	Introduction to Microbiology [1]	4
or CHEM 1151K	Survey of Chemistry I	
ENGL 1101	English Composition I	3
COMM 1000	Cultural Diversity in Communication	2
ARTS 1100	Art Appreciation (OR MUSC 1100 OR THEA 1100) [2]	3
PSYC 1101	General Psychology	3
POLS 1101	American Government	3
SOCI 1101	Introduction to Sociology	3
Program courses required after admission to the program:		
DHYG 1101	Orofacial Anatomy	4
DHYG 1121	Dental Hygiene Lecture I	3
DHYG 1131	Dental Hygiene Clinic I	2
DHYG 1110	Nutrition	1
DHYG 1114	Radiology	3
DHYG 1122	Dental Hygiene Lecture II	2
DHYG 1132	Dental Hygiene Clinic II	3
DHYG 2100	Periodontics	2
DHYG 1133	Dental Hygiene Clinic III	2
DHYG 2550	Dental Specialties & Materials	2
DHYG 2150	Pharmacology	2
DHYG 2210	Dental Hygiene Lecture IV	1
DHYG 2310	Dental Hygiene Clinic IV	4

DHYG 2250	General and Oral Pathology	3
DHYG 2220	Dental Hygiene Lecture V	1
DHYG 2320	Dental Hygiene Clinic V	4
DHYG 2400	Community Dental Health	4
Total Semester Hours		**75**

[1] Either CHEM 1151K or BIOL 2211K must be taken prior to admission to the program. The other course may be taken after admission to the program.

[2] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page.

Freshman Year		
Fall		**Semester Hours**
BIOL 1100K or BIOL 2411K *and* BIOL 2412K	Human Anatomy and Physiology for the Health Care Professional or Human Anatomy and Physiology I *and* Human Anatomy and Physiology II	4
MATH 1111	College Algebra	3
CHEM 1151K or BIOL 2211K	Survey of Chemistry I or Introduction to Microbiology	4
	Semester Hours	**11**
Sophomore Year		
Fall		
BIOL 2211K or CHEM 1151K	Introduction to Microbiology or Survey of Chemistry I	4
DHYG 1101	Orofacial Anatomy	4
DHYG 1121	Dental Hygiene Lecture I	3
DHYG 1131	Dental Hygiene Clinic I	2
ENGL 1101	English Composition I	3

A. Must be on company letter head and signed by immediate supervisor.

B. A minimum of 6 months' work experience.

C. Provide a description of job duties that demonstrate hands on patient experience.

4. Completed all DMS pre-requisite and core course work.

Recommended Courses for Career Associate of Science Degree Programs

DMS General Education Courses (must be completed prior to start of program)		
ENGL 1101	English Composition I	3
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional	4
or BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	
MATH 1111	College Algebra	3
PHSC 1011K	Physical Science I	4
or PHYS 1111K	Introductory Physics I	
DMS General Education Courses (may be completed prior to start of program OR during)		
MATH 2411	Introduction to Statistics	3
PSYC 1101	General Psychology	3
BUSA 2101	Survey of Computer Applications	3
POLS 1101	American Government	3
ALHE 1120	Medical Terminology	2
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see link in footnote) [1]		3
DMS Program Coursework		
DMSP 1100	Physics of Ultrasound	3
DMSP 1101	Introduction to Diagnostic Medical Sonography	2
DMSP 1102	Abdomen Ultrasound I	3

DMSP 1105	Clinical Observations	2
DMSP 1106	Obstetrics and Gynecological Ultrasound I	3
DMSP 1107	Physics of Ultrasound II	3
DMSP 2111	Abdomen Ultrasound II	3
DMSP 2112	Obstetrics and Gynecological Ultrasound II	3
DMSP 2113	Clinical Obersvation and Practicum I	3
DMSP 2200	Superficial Structures and Pediatric Ultrasound	3
DMSP 2201	Clinical Observation and Practicum II	3
DMSP 2205	Physics in Review	1
DMSP 2202	Introduction to Vascular Ultrasound	3
DMSP 2203	Ultrasound in Review	3
DMSP 2204	Clinical Observations and Practicum III	3
Total Semester Hours		**72**

[1] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page.

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience."

DMSP 1100. Physics of Ultrasound. (3 Credits)

This course defines the basic principles of ultrasound physics and introduces the student to their practical use in diagnostic ultrasound. Topics of discussion will include the definition of sound, propagation of sound in tissue, axial and lateral resolution, transducers, sound beams, display modes, and two-dimensional imaging. Prerequisites: Admission to the Diagnostic Medical Sonography program. Corequisite: DMSP 1101. Offered: Fall, first year. Credits: 3.00 Credit Hours (3.00 Lecture - 0.00 Lab).

DMSP 1101. Introduction to Diagnostic Medical Sonography. (2 Credits)

This course is designed to introduce the student to the basic principles of Ultrasound. Professionalism, functions, and desirable attributes of a sonographer will be discussed along with

ALHE 1032	Advanced Life Support for the AEMT	3
ALHE 1034	AEMT Practicum III [2]	1
Total Semester Hours		**22**

[1] NREMT Boards for EMT are taken after successful completion of these courses.

[2] NREMT Boards for AEMT are taken after successful completion of these courses.

Full-time AEMT Curriculum

First Term		
ALHE 1110	EMS Systems and Operations	3
ALHE 1025	Trauma for the AEMT	3
ALHE 1036	Medical Emergencies for the AEMT	3
ALHE 1039	Essential Skills for the AEMT	3
ALHE 1023	AEMT Practicum I	1
ALHE 1029	AEMT Practicum II [1]	1
A-Term or Summer		
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional	4
ALHE 1032	Advanced Life Support for the AEMT	3
ALHE 1034	AEMT Practicum III [2]	1
Total Semester Hours		**22**

[1] NREMT Boards for EMT are taken after successful completion of these courses.

[2] NREMT Boards for AEMT are taken after successful completion of these courses.

Required Courses for Emergency Medical Services Career Associate Degree

The Paramedic is a Health Science professional whose primary focus is to provide advanced emergency medical care for ill and injured patients. The Paramedic's scope of practice includes invasive and pharmacological interventions to reduce the morbidity and mortality associated with acute out-of-hospital medical and traumatic emergencies. Paramedic education represents the highest level of out-of-hospital care. Graduates of the Emergency Medical Services Certificate Program are encouraged to take the additional prescribed college courses in order to complete the Associate of Science degree in Emergency Medical Services.

Freshman Year		
Fall		**Semester Hours**
BIOL 1100K	Human Anatomy and Physiology for the Health Care Professional (General education requirement for program)	4
ALHE 1110	EMS Systems and Operations	3
EMTP 1111	Essentials of EMS (A Term)	2
EMTP 1112	Psychiatric Emergencies (B Term)	2
EMTP 1113	Pharmacology	4
EMTP 1117	Respiratory for the Paramedic	2
EMTP 1134	Special Populations	3
EMTP 1126	Cardiovascular Emergencies for the Paramedic I	2
EMTP 1109	Paramedic Practicum I	2
	Semester Hours	**24**
Spring		
EMTP 1102	Trauma for the Paramedic	3
EMTP 1132	Pathophysiology for the Paramedic	2
EMTP 1104	Medical Emergencies for the Paramedic	5
EMTP 1127	Cardiovascular Emergencies for the Paramedic II	3
EMTP 1120	Paramedic Practicum II	2
	Semester Hours	**15**
Summer		

EMTP 1125	Summative Evaluation for the Paramedic	2
EMTP 1133	Paramedic Practicum III	2
	Semester Hours	**4**
Sophomore Year		
Fall		
ENGL 1101	English Composition I	3
MATH 1111	College Algebra	3
BUSA 2101	Survey of Computer Applications	3
ARTS 1100	Art Appreciation [1]	3
	Semester Hours	**12**
Spring		
ENGL 1102	English Composition II	3
POLS 1101	American Government	3
PSYC 1101	General Psychology	3
	Semester Hours	**9**
	Total Semester Hours	**64**

[1] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page.

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience".

ALHE 1023. AEMT Practicum I. (1 Credit)

This course is the first of three practicums designed to provide the Advanced EMT student with the opportunity to perform a history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome.

7. Student membership to the American Health Information Management Association (AHIMA) is recommended. The cost of student membership is $49.00 per year.
8. A student may be denied permission to continue in the HIT program if, in the opinion of the HIT faculty, the Chair of Health Sciences, the Dean of the Darton College of Health Professions, and the Vice President of Academic Affairs, the student does not demonstrate the necessary qualifications for a health information technician.
9. To satisfactorily complete the curriculum and to develop the skills required of an entry level health information technician, the student must demonstrate:
    a. Visual Acuity (with or without corrective lenses): to read paper, microfilm, and electronic documents.
    b. Physical Ability: to process reports and records, to operate equipment necessary for record keeping (for example, manually operated filing equipment, printers, microfilm reader/printers, computer keyboard), and to move about in space limited by compacted filing.
    c. Manual Dexterity: to perform the fine motor functions necessary to document analysis of records (i.e., must use pens, pencils, and manage papers), and to operate electronic equipment (i.e., computers, word processors).
    d. Hearing (with or without aids): to hear the spoken voice in order to be able to respond verbally.
10. The student must abide by the policies and procedures of the Health Information Technology Program as defined by the Program Handbook.
11. *Albany State University Code of Conduct Policies related to Disruptive and Obstructive Behavior will be enforced in an online program just as it would be in a traditional classroom. Exhibit of such behavior may result in dismissal from the program.*

For additional Health Science Division policies that apply to this program, please refer to Academic Regulations, Section R – T.

*All HITE courses are only offered online with the exception of HITE 2610. HITE 2600 and HITE 2610 constitute 120 hours of the professional practice experience, with HITE 2610 being completed in an acute care facility.

Recommended Courses for Career Associate of Science in Health Information Technology Degree Program

Students may declare an HIT plan of study upon college enrollment for the purpose of advisement while completing courses required for admission to the program. However, declaring this plan of

study does not guarantee admission to the HIT Program. **A separate application is required for consideration of acceptance into this program.**

Full-time Track

Courses required for program admission, semester 1		
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
ALHE 1120	Medical Terminology	2
MATH 1111	College Algebra	3
Courses required for program admission, semester 2		
BIOL 2412K	Human Anatomy and Physiology II	4
BUSA 2101	Survey of Computer Applications	3
COMM 1000	Cultural Diversity in Communication	2
POLS 1101	American Government	3
Program Courses:		
Fall Semester		
HITE 2100	Health Record Content and Structure [1]	3
HITE 2400	Pathophysiology and Pharmacology [1]	3
HITE 2137	Fundamentals of Health Information Management [1]	3
PSYC 1101	General Psychology	3
Spring Semester		
HITE 2150	Coding I [1]	4
HITE 2250	Legal & Ethical Issues in Health Information Technology [1]	3
Select ONE of the following Area C Electives: [2]		3
ARTS 1100	Art Appreciation	

MUSC 1100	Music Appreciation	
THEA 1100	Theater Appreciation	
ACCT 2101	Accounting Principles I	3
Summer Semester		
HITE 2110	Organization and Supervision in Health Information Management [1]	2
HITE 2160	Coding II [1]	2
HITE 2200	Healthcare Statistics [1]	2
HITE 2600	Professional Practice I [1]	2
Fall Semester		
HITE 2170	Advanced Coding and Reimbursement [1]	4
HITE 2500	Health Information System Applications [1]	3
HITE 2550	Quality Assessment [1]	3
HITE 2610	Professional Practice II [1]	2
HITE 2650	Seminar on Health Information Technology [1]	1
Total Semester Hours		**70**

Part-time Track

Courses required for program admission, semester 1		
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
Courses required for program admission, semester 2		
BIOL 2412K	Human Anatomy and Physiology II	4
ALHE 1120	Medical Terminology	2
MATH 1111	College Algebra	3
Courses required for program admission, semester 3		

BUSA 2101	Survey of Computer Applications	3
POLS 1101	American Government	3
COMM 1000	Cultural Diversity in Communication	2
Program Courses:		
Fall Semester		
HITE 2100	Health Record Content and Structure [1]	3
HITE 2400	Pathophysiology and Pharmacology [1]	3
HITE 2137	Fundamentals of Health Information Management [1]	3
Spring Semester		
HITE 2150	Coding I [1]	4
PSYC 1101	General Psychology	3
Summer Semester		
HITE 2110	Organization and Supervision in Health Information Management [1]	2
HITE 2160	Coding II [1]	2
HITE 2200	Healthcare Statistics [1]	2
Fall Semester		
HITE 2170	Advanced Coding and Reimbursement [1]	4
HITE 2500	Health Information System Applications [1]	3
Spring Semester		
HITE 2250	Legal & Ethical Issues in Health Information Technology [1]	3
Select ONE of the following Area C Electives: [2]		3
ARTS 1100	Art Appreciation	
MUSC 1100	Music Appreciation	
THEA 1100	Theater Appreciation	
Summer Semester		

ACCT 2101	Accounting Principles I	3
HITE 2600	Professional Practice I [1]	2
Fall Semester		
HITE 2550	Quality Assessment [1]	3
HITE 2610	Professional Practice II [1]	2
HITE 2650	Seminar on Health Information Technology [1]	1
Total Semester Hours		**70**

[1] Pre-requisite courses must be taken prior to program admission.

[2] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page.

HITE 2100. Health Record Content and Structure. (3 Credits)

The basic concepts and techniques for managing and maintaining health record systems including storage and retrieval, the use and structure of healthcare data and data sets, quantitative and qualitative analysis of healthcare data, forms design, release of information, function of indexes and registers and the accreditation, certification and licensure standards applicable to healthcare data. Prerequisite: ENGL 1101, BIOL 2411K/ 2412K and acceptance into the Health Information Technology program. Offered: Fall.

HITE 2110. Organization and Supervision in Health Information Management. (2 Credits)

Introduction to the principles of organization and supervision in order to develop effective skills in leadership, motivation, and team building techniques in the practice of health information management. Prerequisites: HITE 2100. Offered: Summer.

HITE 2137. Fundamentals of Health Information Management. (3 Credits)

This course introduces the student to the field of Health Information Management (HIM) and its role in healthcare delivery systems. Emphasis is placed on the health information management profession, hospital and medical staff organization, structure and content of medical records, quantitative and qualitative analysis, release of patient information, legal aspects of medical records, ethical issues in HIM, healthcare statistics, indexes and registers electronic medical records, payment and reimbursement systems, regulatory and accrediting agencies. Prerequisites: Acceptance into the Health Information Technology Program. Corequisites: HITE 2100, HITE 2400. Offered: Fall.

4. Students with two unsuccessful attempts in MLT program courses at ASU or any other institution are not eligible for admission to ASU MLT Program.

Note: Unsuccessful attempts include D's, F's, and course withdrawals.

Course requirements prior to program admission

ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
POLS 1101	American Government	3
COMM 1110	Public Speaking	3
MATH 1111	College Algebra	3
BIOL 2211K	Introduction to Microbiology (Not offered online at ASU) [2]	4

Program requirements after admission to program

Freshman Year		
Fall		**Semester Hours**
Courses required for entry into the program (listed above)		**20**
MLTS 1160W	Medical Laboratory Technology I	3
MLTS 1160L	Medical Laboratory Technology I Lab	1
BIOL 2412K	Human Anatomy and Physiology II	4
CHEM 1211K	Principles of Chemistry I [1]	4
	Semester Hours	**32**
Spring		
MLTS 1161W	Medical Laboratory Technology II	3
MLTS 1161L	Medical Laboratory Technology II Lab	1

MLTS 2010W	Medical Laboratory Technology III	2
MLTS 2010L	Medical Laboratory Technology III Lab	2
CHEM 1212K	Principles of Chemistry II [1]	4
	Semester Hours	**12**
Summer		
MLTS 2020W	Medical Laboratory Technology IV	3
MLTS 2020L	Medical Lab Technology IV Lab	1
MLTS 1182	Parasitology, Mycology, and Virology	3
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see below for footnote) [3]		3
	Semester Hours	**10**
Sophomore Year		
Fall		
MLTS 2630	Medical Laboratory Technology Externship	15
MLTS 2670	Seminars in Medical Laboratory Science	1
	Semester Hours	**16**
	Total Semester Hours	**70**

Online participants must provide their own clinical support and be approved by the Program Director.

NOTE: MLT lab courses (MLTS 1160L, MLTS 1161L, MLTS 2010L and MLTS 2020L) are scheduled at Albany State University. Other approved clinical affiliate locations will be considered.

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience."

[1] CHEM 1211K and CHEM 1212K must be completed by the end of spring semester to meet summer prerequisites for MLTS 2020W and MLTS 2020L.

[2] BIOL 2211K must be completed by fall semester to meet prerequisites for MLTS 1182 spring semester.

apply in a timely fashion or they will be billed for the USG SHIP. Students must reapply for the waiver each semester to avoid being charged for the USG SHIP. Students who fail to submit credible health insurance and opt out online will automatically be enrolled in and billed for the system-wide student health insurance plan. This charge will post to the Albany State University student account. For more information regarding the student health insurance plan or to submit a waiver, see: https://studentcenter.uhcsr.com/asu. Professional liability insurance is also required and is included in student fees.

6. All Nursing students are encouraged to join the Darton College of Health Professions GANS Chapter to enhance professional development.
7. All nursing students will be required to pay for a one-time, criminal background check which includes drug screening, on admission to the program. This information will be available to all clinical facilities. **If the student has a conviction in the criminal background check, the student may not be permitted in a particular practice setting. Students should note that prior felony charges/convictions are typically not allowed clearance into most healthcare settings. Since clinical is required to be successful in the nursing program, caution should be taken in circumstances where a student has prior charges/convictions.*
8. If drug abuse is suspected, the student will be required (at his/her own expense) to be tested. Darton College of Health Professions reserves the right to request drug testing of any nursing student at any time during the program. A mandatory drug screen is required (at the expense of the student) after acceptance to the program and will also be required randomly throughout the course of the program.

Additional Graduation Requirements

In addition to the University graduation requirements, the student must have a minimum grade of "C" in each nursing course.

Programs of Study: Associate Nursing Programs

Traditional ASN

AREA A1: COMMUNICATION SKILLS* (6 Hours)		
ENGL 1101	English Composition I	3
or ENGL 1101H	Honors Humanities I	
ENGL 1102	English Composition II	3
or ENGL 1102H	Honors Humanities II	
*Minimum grade of "C" required in each course.		

AREA A2: QUANTITATIVE SKILLS (3 Hours)		
MATH 1001	Quantitative Reasoning	3
or MATH 1111	College Algebra	
or higher Math class		
AREA C: HUMANITIES/FINE ARTS (3 hours)		**3**
Select ONE (1) below		
ARTS 1100	Art Appreciation	
ENGL 2111	World Literature I	
or ENGL 2111H	Honors Humanities III	
ENGL 2112	World Literature II	
or ENGL 2112H	Honors Humanities IV	
ENGL 2121	Survey of British Literature I	
ENGL 2122	Survey of British Literature II	
ENGL 2131	Survey/American Literature I	
ENGL 2132	American Literature II	
ENGL 2141	African-American Literature I	
ENGL 2142	African-American Literature II	
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
LATN 1001	Elementary Latin I	
LATN 1002	Elementary Latin II	
LATN 2001	Intermediate Latin I	
LATN 2002	Intermediate Latin II	

MUSC 1100	Music Appreciation	
JAPN 1001	Introduction to Japanese I	
JAPN 1002	Introduction to Japanese II	
JAPN 2001	Intermediate Japanese I	
JAPN 2002	Intermediate Japanese II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
THEA 1100	Theater Appreciation	
AREA E: SOCIAL SCIENCES (6 hours)		
POLS 1101	American Government (*)	3
PSYC 1101	General Psychology	3
*This course meets the legislative requirement that students complete coursework in the history of Georgia and the United States.		
AREA F: COURSES RELATED TO MAJOR (12 Hours)		
BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	8
BIOL 2211K	Introduction to Microbiology	4
AREA G: PROFESSIONAL NURSING COURSES (40 hours)		
NURS 1101	Fundamentals of Nursing (ASN)	5
NURS 1105	Pharmacology for Nurses (ASN)	1
NURS 1111	Adult Health I (ASN)	7
NURS 1112	Adult Health II (ASN)	7
NURS 2111	Nursing Care of Women and Children (ASN)	8
NURS 2113	Psychiatric Nursing (ASN)	3

NURS 2115	Adult Health III (ASN)	8
NURS 2117	Nursing Leadership (ASN)	1
Total Semester Hours		**70**

Healthcare-Professional-to-RN Bridge

AREA A1: COMMUNICATION SKILLS* (6 Hours)		
ENGL 1101	English Composition I	3
or ENGL 1101H	Honors Humanities I	
ENGL 1102	English Composition II	3
or ENGL 1102H	Honors Humanities II	
*Minimum grade of "C" required in each course.		
AREA A2: QUANTITATIVE SKILLS (3 Hours)		
MATH 1001	Quantitative Reasoning	3
or MATH 1111	College Algebra	
or higher Math class		
AREA C: HUMANITIES/FINE ARTS (3 hours)		**3**
Select ONE (1) below		
ARTS 1100	Art Appreciation	
ENGL 2111	World Literature I	
or ENGL 2111H	Honors Humanities III	
ENGL 2112	World Literature II	
or ENGL 2112H	Honors Humanities IV	
ENGL 2121	Survey of British Literature I	
ENGL 2122	Survey of British Literature II	
ENGL 2131	Survey/American Literature I	
ENGL 2132	American Literature II	

Non-Discrimination Policy

Albany State University's Darton College of Health Professions, in compliance with Federal law, does not discriminate based on race, color, national origin, handicap, sex, religion, or age in any of its policies, practices, or procedures. This includes but is not limited to admissions, employment, financial aid, and educational services.

The faculty of the Occupational Therapy Assistant program acknowledges Section 504 of the Rehabilitation Act of 1973 and PL 103-336, The **Americans with Disabilities Act**and will consider for admission, progression, and graduation candidates who demonstrate the ability to perform the essential abilities. These standards are admission guidelines and are subject to continuing revision and improvement.

Career Associate of Science Degree Programs

Freshman Year		
Fall		**Semester Hours**
Courses required for program admission		
The following general education course requirements totaling 26 hours must be completed prior to program attendance		
ENGL 1101	English Composition I	3
BIOL 2411K	Human Anatomy and Physiology I	4
PSYC 1101	General Psychology	3
MATH 1111	College Algebra	3
	Semester Hours	**13**
Spring		
Courses required for program admission		
BIOL 2412K	Human Anatomy and Physiology II	4
ARTS 1100	Art Appreciation [1]	3
PSYC 2103	Human Growth & Development	3
POLS 1101	American Government	3

	Semester Hours	**13**
Sophomore Year		
Fall		
OTA Core Curriculum Courses		
OTAS 1100	Introduction to Occupational Therapy	2
ALHE 1104	Intro to Disease Conditions	2
OTAS 1105	Patient Skills for the OTA	2
OTAS 1111	Functional Anatomy and Kinesiology	4
ALHE 1120	Medical Terminology	2
	Semester Hours	**12**
Spring		
OTAS 1121	Therapeutic Media	2
OTAS 1131	Physical Function in Occupation I	4
OTAS 1140	Psychosocial Function in Occupation	3
OTAS 1145	Developmental Function in Occupation	3
	Semester Hours	**12**
Summer		
OTAS 1132	Physical Function in Occupation II	4
OTAS 2200	Assistive Techniques and Technologies	3
OTAS 2260	Treatment Methods and Management for the OTA	4
	Semester Hours	**11**
Junior Year		
Fall		
OTAS 2410	Fieldwork Experience Level II A [2]	5
OTAS 2412	Occupational Therapy Seminar	2

OTAS 2420	Fieldwork Experience Level II B [2]	5
	Semester Hours	**12**
	Total Semester Hours	**73**

[1] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page.

[2] ** All OTA students must complete level II fieldwork within 18 months following the completion of academic preparation.
** Fieldwork must be passed with a grade of "C" or better to graduate. In the event of unsatisfactory performance, a practicum may be repeated one time within 18 months of completion of didactic course work.
*** A mandatory NBCOT examination preparation course that is paid for by an assessed student fee will be held at the conclusion of the last semester of the OTA Program upon successful completion of the program and graduation with an Associate of Science in Occupational Therapy Assistant degree.

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience".

Any OTA course presented for graduation that was completed three calendar years or more prior to the anticipated date of graduation must be successfully challenged or repeated for credit

OTAS 100. Intro to Occupational Therapy. (3 Credits)

OTAS 1100. Introduction to Occupational Therapy. (2 Credits)

The following concepts will be presented: Functional definitions of occupational therapy; the history of occupational therapy, philosophy, and ethics; the roles of occupational therapy professionals; and differentiation of occupational therapist and occupational therapy assistant responsibilities, the reimbursement for O.T. services and professional credentialing. An overview of the particular patient populations which an occupational therapy assistant might interact with is given. Specific types of treatment settings are explored in detail, with the scope of OTA practice examined, including the research data gathering role. Awareness of local and national occupational therapy organizations is emphasized. Demonstrated professional behaviors are encouraged. Corequisites: ALHE 1104, ALHE 1120, OTAS 1105, OTAS 1111. Prerequisite: Admission into the OTA program. Offered: Fall.

OTAS 1105. Patient Skills for the OTA. (2 Credits)

Introduction to concepts and procedures of patient care in occupational therapy. Topics include patient positioning and draping, body mechanics, patient transfers, vital signs monitoring, infection control, aseptic techniques, therapeutic exercise, ADA awareness, confidentiality, adjustment and

affairs/dchealthprof/docs/PTA-Application.pdf

Deadline for all PTA application material to be turned in is June 1 of each year.

To be considered for admission into the Physical Therapist Assistant program, the applicant must:

1. Be admitted to Albany State University
2. Have a minimum cumulative grade point average (GPA) of 2.8 or a 2.8 GPA or higher for the last 40 credit hours attempted.
3. Have all core curriculum coursework completed with a grade of "C" or higher prior to the start date of the Fall Semester to which they are applying. Prerequisites completed more than five years prior to the date of application are subject to approval by the PTA Selection Committee.
4. Complete the PTA application packet including:
    a. Application for admission to the PTA program
    b. Core Curriculum Information Form
    c. Documentation of at **least** 40 hours of observational experience in one or more physical therapy settings. Hours should be verified by the signature of a physical therapist or a physical therapist assistant on the "Observational Hours/Recommendation Form" found in the application packet.
    d. TEAS V scores

One class per year will be selected and will begin each Fall Semester. Incomplete application packets and/or applications received after June 1 may not be considered. Preliminary selection criteria, including GPA and observational hours completed, are ranked by the PTA Selection Committee. All applicants who meet the admission criteria will be invited for a personal interview. Offers of acceptance will be made based on the final ranking of those interviewed.

Due to the fact that core curriculum course requirements for Physical Therapy programs are different, graduation from a PTA program is not a "stepping-stone" and will not prepare the student for entry into a Physical Therapy professional education program. Students wishing to pursue a career as a physical therapist should enroll in an Associate of Science in Core Curriculum.

Career Associate of Science Degree Program

Students should declare an Associate of Science for Core Curriculum focused in Health Career pathways. The secondary major should be listed as PTA (0263) plan of study upon college enrollment for the purpose of advisement while completing the core curriculum coursework below. However, declaring this plan of study does not guarantee admission into the PTA Program. The following schedule is an example of required coursework.

After completion of the Core Curriculum courses (listed below under Freshman year) and acceptance into the PTA Program, the schedule will continue at the sophomore year. This is a full-time program and the following classes must be taken in the order they are listed. An overall grade of "75 or higher" is required in each class in order to remain in the program. Failure to satisfactorily complete the coursework in the scheduled sequence will result in the student being withdrawn from the program.

Freshman Year		
Fall		**Semester Hours**
ENGL 1101	English Composition I	3
MATH 1111	College Algebra	3
BIOL 2411K	Human Anatomy and Physiology I	4
PSYC 1101	General Psychology	3
	Semester Hours	**13**
Spring		
POLS 1101	American Government	3
BIOL 2412K	Human Anatomy and Physiology II	4
PSYC 2103	Human Growth & Development	3
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1]		3
	Semester Hours	**13**
Sophomore Year		
Fall		
PTAS 1100	Intro to Physical Therapy	1
PTAS 1110	Function Anatomy & Kinesiology	4
PTAS 1115	Clinical Pathology	3
PTAS 1125	Physical Agents	4
	Semester Hours	**12**

Spring		
PTAS 1105	OrientationPatient Care Skills	3
PTAS 1121	Therapeutic Exercise I	4
PTAS 1130	Appl Neurology & Gait Analysis	3
PTAS 2010	Clinical Practicum I	2
	Semester Hours	**12**
Summer		
PTAS 1122	Therapeutic Exercise/Spec Pop	4
PTAS 1135	Seminar/Phy Ther Assistant I	2
PTAS 2050	Therapeutic Exercise II	3
PTAS 2100	Neurological Rehabilitation	3
	Semester Hours	**12**
Junior Year		
Fall		
PTAS 2020	Clinical Practicum II	5
PTAS 2025	Clinical Practicum III	5
PTAS 2200	Seminar for Physical Therapy Assistants II	2
	Semester Hours	**12**
	Total Semester Hours	**74**

Depending on your enrollment status, you may be required to take ASU 1101, "First Year Experience."

[1] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page.

PTAS 1100. Intro to Physical Therapy. (1 Credit)

Explanation of the philosophy and history of the physical therapy profession and its relationship to other health care agencies and providers. Topics include: introduction to the structure and function

Letters of acceptance or non-acceptance will be sent out following the selection process. The selection process takes place in November (after the document submission deadline of November 1st) each year. Students are notified by December 1st each year of selection status. Selected students must confirm their intent to enroll in writing within 10 days after the post marked date of their acceptance letter. A student that fails to respond in the appropriate time frame will forfeit their position in the program.

Clinical Obligations Upon Acceptance

If accepted, students will have a clinical component of the program to complete.

Clinical placement is equally distributed among students. Although the majority of the clinical component is carried out during day time hours, less than 25% of the total clinical assignments will be during evening and/or weekend hours. Program clinical locations are mainly located outside the city limits, and all expenses associated with travel are the student's responsibility. Additionally, some program clinical affiliates require drug screens (initial and random), criminal background checks, periodic tuberculosis skin tests and specific vaccinations. If the student is placed in a facility requiring any/all of these items, the cost will be the student's responsibility. If the student did not submit the health documentation (immunization, PPD, HepB Vacc., physical assessment, etc.) prior to acceptance, these documents will need to be submitted to the RADS program director no later than February 1st following acceptance. Failure to provide this documentation will prevent the student from being allowed to attend clinical settings. These absences will be unexcused and may lead to the student's dismissal from the program.

Courses for Career Associate of Science Degree Program

Freshman Year		
Spring		**Semester Hours**
ENGL 1101	English Composition I [2]	3
BIOL 1100K or BIOL 2411K *and* BIOL 2412K	Human Anatomy and Physiology for the Health Care Professional [2] or Human Anatomy and Physiology I *and* Human Anatomy and Physiology II	4
ALHE 1120	Medical Terminology [2]	2
RADS 1000	Introduction to Radiography and Patient Care [2]	3
RADS 1210	Clinical Imaging I [2]	2

	Semester Hours	**14**
Summer		
MATH 1111	College Algebra [2]	3
BUSA 2101	Survey of Computer Applications [2]	3
RADS 1020	Radiographic Procedures I [2]	2
RADS 1220	Clinical Imaging II [2]	2
	Semester Hours	**10**
Fall		
RADS 1040	Radiographic Procedures II [2]	3
RADS 1120	Imaging Science I [2]	4
RADS 1230	Clinical Imaging III [2]	4
POLS 1101	American Government [1]	3
	Semester Hours	**14**
Sophomore Year		
Spring		
RADS 2060	Radiographic Procedures III [2]	3
RADS 2130	Imaging Science II [2]	4
RADS 2240	Clinical Imaging IV [2]	6
	Semester Hours	**13**
Summer		
RADS 1100	Principles of Radiation Biology and Protection [2]	3
RADS 2140	Pathology for the Imaging Professional [2]	2
RADS 2250	Clinical Imaging V [2]	3
COMM 1000	Cultural Diversity in Communication [1]	2
	Semester Hours	**10**

Fall		
RADS 2150	Radiologic Science Review [2]	3
RADS 2260	Clinical Imaging VI [2]	6
Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page (see footnote below). [1, 3]		3
	Semester Hours	**12**
	Total Semester Hours	**73**

1 These courses can be taken at any time before or during the program. All other courses need to be taken in the prescribed semester or before.

2 These courses require a C or better.

3 Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page.

RADS 1000. Introduction to Radiography and Patient Care. (3 Credits)

Provides the student with an overview of radiography and patient care. Students will be oriented to the radiographic profession as a whole. Emphasis will be placed on patient care with consideration of both physical and psychological conditions. Introduces a grouping of fundamental principles, practices, and issues common to many specializations in the health care profession. In addition to the essential skills, students explore various delivery systems and related issues. Topics include: ethics, medical and legal considerations, Right to Know Law, professionalism, basic principles of radiation protection and exposure, equipment introduction, health care delivery systems, hospital and departmental organization, medical emergencies, pharmacology/contrast agents, media, OR and mobile procedures patient preparation, death and dying, body mechanics/transportation, basic life support/CPR, and patient care in radiologic sciences. Prerequisite: Program Admission. Offered: Spring.

RADS 1020. Radiographic Procedures I. (2 Credits)

Introduces the knowledge required to perform radiologic procedures applicable to the human anatomy. Emphasis will be placed on the production of quality radiographs, and laboratory experience will demonstrate the application of theoretical principles and concepts. Topics include: introduction to radiographic imaging procedures; positioning terminology; positioning consideration; procedures, anatomy, and topographical anatomy related to body cavities, bony thorax, and abdomen. Prerequisites: ALHE 1120, ENGL 1101, BIOL 1100K, RADS 1000. Corequisite: RADS 1220. Offered: Summer.

c. Sufficient communication abilities, both verbal and written, to be able to provide patient instruction and education, complete proper documentation and communicate with physicians and other health care workers professionally.

Additional Fees and Costs

1. Professional liability insurance is required prior to clinical assignment. Fees are assessed annually in the spring as part of the students Tuition and Fees.

2. Students are required to complete a series of Hepatitis B vaccinations. A series of at least 3 shots are required. Costs will vary depending on the student's choice of provider. Students must have completed at least the first 2 shots of the series prior to clinical assignment. See the program handbook for more information.

3. Students are required to have approved uniforms, shoes, lab coat, stethoscope, and a watch capable of reading seconds.

4. Students will complete American Heart Association BLS, ACLS and PALS courses as they progress through the program. Fees for these courses are assessed as required. See the program handbook for more information.

5. Student membership in the American association for Respiratory Care is mandatory. Student membership fees are $50.00

6. Students will be required to undergo a criminal background check before clinical assignment. ASU uses a company called PreCheck for this purpose. Fees for this background check are assessed during the first semester of the professional curriculum.

7. Students will be required to complete a drug screen prior to clinical assignment. Students will be required to pay for and complete this drug screen before attending any clinical rotations.

8. Students must be prepared to travel to out of town clinical assignments. These are not optional and the student is responsible for the costs of travel to these out of town facilities. See the program handbook for more information.

Admission Requirements

1. Admission to Albany State University

2. Completion of all Learning Support requirements

3. Completion of the required courses prior to the program and general education courses with a cumulative GPA of 2.5 or higher. In addition students must earn a grade of “C” or better in the following courses:

ALHE 1120	Medical Terminology	2
BIOL 1100K or BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology for the Health Care Professional Human Anatomy and Physiology I and Human Anatomy and Physiology II	4-8
CHEM 1151K	Survey of Chemistry I	4
PHSC 1011K	Physical Science I	4
BIOL 2211K	Introduction to Microbiology	4

Science courses taken more than five years prior to enrollment in the program will be evaluated by the Respiratory Care Program Faculty and may need to be **repeated**.

Freshman Year		
Spring		**Semester Hours**
ENGL 1101	English Composition I	3
BIOL 1100K or BIOL 2411K *and* BIOL 2412K	Human Anatomy and Physiology for the Health Care Professional or Human Anatomy and Physiology I *and* Human Anatomy and Physiology II	4
POLS 1101	American Government	3
MATH 1111	College Algebra [1]	3
	Semester Hours	**13**
Summer		
RESP 1100	Introduction to Respiratory Care	1
RESP 1111	Fundamentals of Respiratory Care	3
ALHE 1120	Medical Terminology	2
CHEM 1151K	Survey of Chemistry I	4

or CHEM 1211K	or Principles of Chemistry I	
	Semester Hours	**10**
Fall		
RESP 1131	Patient Assessment & Protocols	4
RESP 1132	Cardiopulmonary Pharmacology	2
RESP 1133	Cardiopulmonary Anatomy & Physiology	3
RESP 1134	Cardiopulmonary Diseases & TRM	2
RESP 2201	Clinical Practicum I	1
	Semester Hours	**12**
Sophomore Year		
Spring		
RESP 1135	Mechanical Ventilation and Critical Care	5
RESP 1138	Advanced Cardiac Life Support	3
RESP 2202	Clinical Practicum II	1
PHSC 1011K or PHYS 1111K	Physical Science I or Introductory Physics I	4
	Semester Hours	**13**
Summer		
RESP 1137	Specialized Areas of Resp Care	2
RESP 1136	Pediatric and Neonatal Respiratory Care	3
RESP 2203	Clinical Practicum III	1
BIOL 2211K	Introduction to Microbiology	4
	Semester Hours	**10**
Fall		
RESP 2210	Clinical Practicum IV	4
RESP 2220	Clinical Practicum V	4

RESP 2330	Credential Preparation	1
Humanities Elective [2]		3
PSYC 1101	General Psychology	3
	Semester Hours	**15**
	Total Semester Hours	**73**

[1] Students may take MATH 1001 or any higher level math course in place of MATH 1111

[2] Humanities requirement may be met by taking any Area C: Humanities/Fine Arts courses listed on the Core Curriculum page.

2.3.5 Degree Requirements

(Last Modified April 12, 2011) Report a broken link

Associate Degrees

An associate degree must include a minimum of 60 semester hours.

Associate of Arts and Associate of Science transfer degrees have a maximum of 60 semester hours (exclusive of physical education activity/basic health or orientation course hours that the institution may require).

Career degrees include the Associate of Applied Science (A.A.S.) and Associate of Science (A.S.) in allied health areas in designated fields. Career degrees may be awarded for the completion of two-year collegiate programs designed to prepare students for immediate employment. Associate of Applied Science degrees and Associate of Science career degrees in allied health and nursing have a maximum of 70 semester hours (exclusive of physical education activity/basic health or orientation course hours that the institution may require. These degrees must contain a minimum of 20 semester hours of general education.

Exceptions to the maximum degree length requirements indicated above may be made only with the approval of the Executive Vice Chancellor and Chief Academic Officer of the USG.

Baccalaureate Degrees

A baccalaureate degree program must require at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall.

Any changes above the 120 degree credit hour maximum must be presented in the form of a request for waiver to degree-credit hour length through the institution's vice president for academic affairs with a rationale for such changes and a sketch of the existing and proposed curriculum. The rationale shall include references to external accrediting body requirements that exacerbate the need and requirement to increase credit hours in a program. Likewise, changes above the minimum requirement for associate and master's degrees must be presented in the form of a request for waiver to degree-credit hour length with a rationale for such changes.

Master's Degrees

Master's degrees are established at a maximum of 36 semester hours. In some cases, the master's degree may require fewer than 36 hours but not contain fewer than 30 semester hours.

To offer a program above the 36-semester hour maximum, a request must be made to the Executive Vice Chancellor and Chief Academic Officer of the USG for approval.

English, Bachelor of Arts

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
ENGL 2112	World Literature II	3
ENGL 2298	Survey of English Literature I	3
ENGL 2299	Survey of English Literature II	3
ENGL 2406	Literary Forms	3
Select 6 semester hours of the following, to be selected in sequence:		6
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
GRMN 2001	Intermediate German I	
GRMN 2002	Intermediate German II	
Requirements for the Major		
Area G - Major Requirements		
ENGL 3311	Survey of American Literature I	3
ENGL 3312	Survey of American Literature II	3
ENGL 3305	Modern Grammar	3
ENGL 3613	The Modern Novel	3
ENGL 3790	African-American Literature I	3
ENGL 3791	African American Literature II	3
ENGL 4304	History of the English Language	3
ENGL 4600	Shakespeare	3

ENGL 4651	Brit 19th Century Literature	3
ENGL 4908	Literary Criticism	3
ENGL 4995	Senior Seminar I	1
ENGL 4996	Senior Seminar II	1
Elective Courses		
Select at least 12 semester hours of the following:		12
ENGL 2105	Creative Writing	
ENGL 2204	Advanced Composition	
ENGL 2425	The Short Story	
ENGL 2550	Poetry	
ENGL 3106	Technical Writing	
ENGL 3204	Rhetoric and Adv Writing	
ENGL 3603	Development of the Novel	
ENGL 3707	Chaucer	
ENGL 3708	The American Novel	
ENGL 3799	Special Topics in African American Literature	
ENGL 3825	Caribbean Literature	
ENGL 3845	African Literature	
ENGL 3998	Undergraduate Research	
ENGL 4611	British REnaissance and Reform	
ENGL 4631	Restoration and 18th Century	
ENGL 4950	Introduction to Women¿s Literature	
ENGL 4955	Modern Drama	
ENGL 4980	Internship	
ENGL 4990	Selected Topics	

Free Electives or Minor		**16**
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
ENGL 2112	World Literature II	3
EDUC 2110	Investigating Critical and Contemporary Issues in Education	3
EDUC 2120	Exploring Socio-Cult Perspective	3
EDUC 2130	Exploring Teaching and Learning	3
EDUC 2199	Orientation to Education	0
Select 6 semester hours of the following:		6
FREN 2001	Intermediate French I	
FREN 2002	Intermediate French II	
SPAN 2001	Intermediate Spanish I	
SPAN 2002	Intermediate Spanish II	
GRMN 2001	Intermediate German I	
GRMN 2002	Intermediate German II	
Requirements for the Major		
Area G: Major Requirements		
ENGL 2298	Survey of English Literature I	3

ENGL 2299	Survey of English Literature II	3
ENGL 2406	Literary Forms	3
ENGL 3311	Survey of American Literature I [1]	3
ENGL 3312	Survey of American Literature II [1]	3
ENGL 3613	The Modern Novel [1]	3
ENGL 3790	African-American Literature I [1]	3
ENGL 3791	African American Literature II [1]	3
ENGL 4304	History of the English Language [1]	3
ENGL 4600	Shakespeare [1]	3
ENGL 4908	Literary Criticism [1]	3
ENGL 4996	Senior Seminar II	1
Area H: Major Requirements		
SPED 3230	Contemporary Perspectives	3
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
EDUC 4412	Student Teaching in Senior High School	12
EDUC 4420	Methods of Teaching English	3
EDUC 4428	Teaching Comp in Sec Schools	3
EDUC 4441	The Teaching of Reading in the Secondary School	3
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**125**

[1] Prerequisite ENGL 2406

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness

course OR two one (1) credit hour health or wellness activity courses.

History, Bachelor of Arts

Course Requirements for the Bachelor of Arts in History

1. Complete the 123-124 hours for the major with a GPA of at least 2.25.
2. Complete the following survey courses: HIST 1111, HIST 1112, HIST 2111 and HIST 2112
3. Complete HIST 3301 and HIST 4301 with a "C" or higher.
4. Complete four American History courses (12 hours) at the 3000-4000 levels.
5. Complete four World History courses (12 hours) at the 3000-4000 levels.
6. Complete one General History course (3 hours) at the 3000-4000 levels.
7. Complete twenty-seven hours of guided electives.
8. Maintain a “C” or higher in all courses taken in Areas F and G of the History Check sheet.
9. Complete ACAT subject area test.
10. Complete last 30 semester hours at Albany State.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major [2]		
HIST 2111	Survey of American History I	3
POLS 2102	Introduction to Law	3
SSCI 2402	Microcomputers in Social Science	3
HIST 2112	Survey of American History II	3
2000 Level	Social Science	3
2000 Level	Foreign Language	3
Area G - Professional Courses [2]		
Select four of the following courses in American History:		*12*
HIST 3403	History of Georgia	
HIST 3404	Diplomatic History of the United States	

HIST 3405	Civil War and Reconstruction	
HIST 4402	Directed Readings in American History	
HIST 4403	The Afro-Americans in America Thought	
HIST 4404	The History of the South	
HIST 4405	Contemporary America, 1945-Present	
HIST 4406	The Civil Rights Era	
HIST 4820	Special Topics in History	
Select four of the following courses in World History:		*12*
HIST 3206	Slavery in Ancient and Modern Worlds	
HIST 3406	Directed Reading in European History	
HIST 3408	Directed Reading in Non-Western History	
HIST 3513	Modern Europe	
HIST 3520	Diplomacy/Internat'l Relations	
HIST 3631	History of Latin America	
HIST 3633	The Revolution in Modern History	
HIST 4611	Studies in African History	
HIST 4815	Intro to Global Terrorism	
Area H - Methods, Seminar, General History Courses and Minor/Guided Electives [3]		
HIST 3301	Historical Methods I	3
HIST 4301	Senior Seminar I	3
General History Elective 3000-4000		3
Minor/General Electives 1000-4000 (see advisor) [1]		27
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2

Total Semester Hours	**123**

1 Minors require a minimum of 18 credit hours with a minimum of 9 credits in upper level courses (please see individual minor requirements in ASU catalog). Guided electives are any courses offered at ASU that have not already been taken to satisfy the core or major courses.

2 Must complete the courses in Areas F and G with a grade of C or higher.

3 Must complete the history courses in Area H with a grade of C or higher.

4 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Mass Communication, Bachelor of Arts

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
COMM 2000	News Writing and Reporting	3
COMM 2010	Survey of Mass Communication	3
COMM 2025	Writing for the Media	3
COMM 2035	Fundamental Web and Graphics Design	3
Modern Languages		
Select 6 semester hours of the following:		6
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
GRMN 1001	Elementary German I	
GRMN 1002	Elementary German II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
Requirements for the Major		
Area G - Major Requirements		
COMM 3110	Communication Research [2]	3
COMM 3120	Media Aesthetics and Criticism	3
COMM 3310	Fundamentals of Visual Communication	3
COMM 3320	Fundamentals of Audio Production	3
COMM 3445	Fundamentals of Video Production	3
COMM 4160	Media Programming & Management	3

COMM 4510	Media Seminar	3
COMM 4570	Internship	3
Area H: Mass Communication Electives [2, 3]		
Select 9 semester hours from 3000 Level Courses		9
COMM 3105	History of the Media	
COMM 3160	Foundations of Strategic Communication	
COMM 3155	African American Images in the Media	
COMM 3270	Broadcast Journalism	
COMM 3360	Media Advertising and Sales	
COMM 3380	Sports Communication	
Select 9 semester hours from 4000 Level Courses		9
COMM 4225	Communication Law	
COMM 4340	Advanced Video Production	
COMM 4140	Philosophy and Ethics of Communication	
COMM 4205	Theories and Strategies in Emerging Media [3]	
COMM 4320	Radio Programming and Production	
COMM 4350	Narrative Film Making	
By permission of the Department Chair only. May substitute for courses in 4000 section only		
COMM 4530	Directed Study	
COMM 4550	Special Topics	
Directed Minor [1]		**18**
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		**123**

[1] The Mass Communication Program recommends that students enroll in a minor of 15-18 credit hours from another discipline (Marketing, Business, Theater, Art, etc.). Students may also forgo a minor in another discipline and take COMM electives equaling 15-18 credit hours if they wish. All students MUST declare their intentions to enroll in a minor or choose the COMM electives option by receiving prior approval from the Department Coordinator.

[2] The Study Abroad courses – These alternative courses may substitute for predetermined courses in the standard COMM Curriculum if students participate in the Study Abroad program.
COMM 3280 International Media Research (SA) may substitute for COMM 3110 or a course in Area H.

[3] The Study Abroad courses – These alternative courses may substitute for predetermined courses in the standard COMM Curriculum if students participate in the Study Abroad program.
COMM 4280 Cases on Emerging Media (SA) may substitute for COMM 4205 or a course in Area H.

[4] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
COMM 2000	News Writing and Reporting	3
COMM 2010	Survey of Mass Communication	3
COMM 2025	Writing for the Media	3
COMM 2035	Fundamental Web and Graphics Design	3
Modern Languages		
Select 6 semester hours from the following:		6
FREN 1001	Elementary French I	
FREN 1002	Elementary French II	
GRMN 1001	Elementary German I	
GRMN 1002	Elementary German II	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
Requirements for the Major		
Area G - Major Requirements		

COMM 3110	Communication Research [2]	3
COMM 3160	Foundations of Strategic Communication	3
COMM 3205	Introduction to Public Relations	3
COMM 3210	Writing for Public Relations	3
COMM 4140	Philosophy and Ethics of Communication	3
COMM 4205	Theories and Strategies in Emerging Media [3]	3
COMM 4510	Media Seminar	3
COMM 4570	Internship	3
Area H: Mass Communication Electives [2, 3]		
Select 3 courses from the following		*9*
COMM 3155	African American Images in the Media	
COMM 3250	Intercultural Communication	
COMM 3270	Broadcast Journalism	
COMM 3310	Fundamentals of Visual Communication	
COMM 3360	Media Advertising and Sales	
COMM 3380	Sports Communication	
Select 9 semester hours from the following		9
COMM 4210	PR Cases & Campaigns	
COMM 4215	PR Management & Administration	
COMM 3240	Audience Analysis	
COMM 4240	Crisis Communication	
COMM 4250	Brand Journalism	
COMM 4260	International Strategic Communication	
By permission of the Department Chair only. May substitute for courses in 4000 section only.		
COMM 4530	Directed Study	

COMM 4550	Special Topics	
Directed Minor [1]		18
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		**123**

1 The Mass Communication Program recommends that students enroll in a minor of 15-18 credit hours from another discipline (Marketing, Business, Theater, Art, etc.). Students may also forgo a minor in another discipline and take COMM electives equaling 15-18 credit hours if they wish. All students MUST declare their intentions to enroll in a minor or choose the COMM electives option by receiving prior approval from the Department Coordinator.

2 The Study Abroad courses – These alternative courses may substitute for predetermined courses in the standard COMM Curriculum if students participate in the Study Abroad program.
COMM 3280 International Media Research (SA) may substitute for COMM 3110 or a course in Area H.

3 The Study Abroad courses – These alternative courses may substitute for predetermined courses in the standard COMM Curriculum if students participate in the Study Abroad program.
COMM 4280 Cases on Emerging Media (SA) may substitute for COMM 4205 or a course in Area H.

4 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Political Science, Bachelor of Arts

Course Requirements for the Bachelor of Arts in Political Science

The major in political science encompasses an investigation of governmental institutions and political behavior at all levels from the local to the international. The political science major will take courses in American Government, Comparative Government, Constitutional Law, Political Theory, Research Methodology and International Relations. The political science major is suitable for students with career interests in teaching, law, state and local government, urban planning, federal bureaucracy, and journalism. The political science major must complete 48 semester hour courses beginning at the 2000 level.

1. Complete a maximum of 125 semester hours with a cumulative grade point average of 2.25 or higher. The last 30 hours must be completed at Albany State University.
2. During the freshman and sophomore years, the student must complete Core Areas A-E.
3. Maintain a “C” or higher for all classes taken in Areas F, G, and H of the Political science check sheet.
4. Complete MFAT subject area exam.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major [1]		
ECON 2106	Principles of Microeconomics	3
POLS 2101	Introduction to Political Science	3
POLS 2102	Introduction to Law	3
SSCI 2402	Microcomputers in Social Science	3
2000 Level	Social Science	3
2000 Level	Foreign Language	3
Area G - Major Requirements [1]		
American Politics		
Select three of the following courses:		9

POLS 3602	State and Local Government	
POLS 3611	Urban Politics	
POLS 3612	African-American Politics	
POLS 3614	The Presidency	
POLS 3616	Political Parties/Pressure Group	
POLS 3618	Elections & Electoral Behavior	
POLS 3701	Judicial Process	
POLS 3702	American Constitutional History	
POLS 3703	Constitutional Law I	
POLS 3704	Constitutional Law II	
POLS 3708	Civil Rights & Minorities	
Comparative Government		
Select one of the following:		3
POLS 3511	Comparative Government	
POLS 4512	Politics and Institutions in Developing Countries	
POLS 4820	Area Studies of Africa, Caribbean, Eastern Europe & Latin America	
POLS 4822	Politics & Culture of Developing World	
POLS 4824	Political Economy of African and the Caribbean	
Public Policy/Public Administration		
Select one of the following:		3
POLS 3609	Amercan Foreign Policy	
POLS 3617	The Legislative Process	
POLS 3813	Public Administration	
POLS 4619	Legislative Internship	
Research Methods		

POLS 4371	Reasearch Methods I	3
or POLS 4372	Rsesarch Methods II	
Political Theory		
POLS 4401	History of Political Thought	3
International Relations		
Select one of the following courses:		3
POLS 4513	Issues in Global Politics	
POLS 4514	International Relations	
POLS 4515	International Organizations	
POLS 4816	Model United Nations	
POLS 4819	International Political Economics	
POLS 4821	International Internship/Seminar	
POLS 4823	International Relations of Sub-Saharan Africa	
Area H: General Political Science Courses [1]		
POLS 4818	Public Administration Internship	3
Guided Political Science Electives (Select up to 12 hours at the 3000-4000 level)		**33**
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**123**

[1] Courses in Areas F, G, and H require a grade of C or higher.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Psychology, Bachelor of Arts

The major in Psychology provides courses that lead to a Bachelor of Arts degree in psychology. The student who majors in psychology gains a fundamental understanding of the principles of human thought, emotion and behavior programs. In addition to the program's emphasis on psychological factors and human learning, biological and social determinants of human behavior are also emphasized as well as research methods. This broad based training prepares students to understand, evaluate and influence their own behavior as well as the behavior of others. Because psychology is relevant to numerous fields, job opportunities for psychology majors are diverse and include employment in such areas as business and industry, educational settings, mental health agencies and hospitals, governmental agencies (including the military and law enforcement), etc. Students who plan to become professional psychologists or mental health practitioners will be prepared to continue their education in order to obtain a graduate degree in one of the more than 50 areas of specialization within psychology. The Psychology program is a member of the Council of Undergraduate Programs in Psychology. Departments with undergraduate programs in psychology, in institutions accredited for such purposes by their regional accrediting association, are eligible for membership on the council.

The major in Psychology requires:

1. Completion of a minimum of 125 semester hours with a cumulative grade-point average of at least 2.25.
2. Completion of all major courses with grades of "C" or above.
3. Completion of all required examinations: Psychology test of the Graduate Records Examination (GRE), or the Major Field Area Test and a departmental exit examination.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major [1]		
PSYC 1101	General Psychology	3
PSYC 2270	Psychology of Ethics	3
Select 12 semester hours from the following: [1]		12
SOCI 1160	Introduction to Social Problems	
ECON 2201	Survey of Economics	
SSCI 2402	Microcomputers in Social Science	
MDLG	Foreign Language (Option)	

PSYC 2295	Psychology of Adjustment	
CRJU 1100	Introduction to Criminal Justice	
Requirements for the Major		
Area G - Required Major Courses [1]		
PSYC 2210	Professions of Psychology	1
PSYC 4300	Behavorial Statistics (Behavioral is misspelled in 4300 and 4304)	3
PSYC 4304	Behavorial Research	3
PSYC 4305	Introduction to Experimental Psychology	3
PSYC 4465	History and Systems of Psychology	3
PSYC 4499	Psychological Seminar	3
Free Electives/Minor [1]		
Select 17 semester hours of Free Electives or Minor. A Minimum of 9 Credits in Upper Level Courses Required		17
Major Electives		
Select 27 semester hours. Minimum of 15 Credits of 3000-4000 level Electives Required		27
PSYC 2240	Psychology of Stress	
PSYC 2250	Sensation and Perception	
PSYC 2260	Humanistics Psychology	
PSYC 2271	Practicum I	
PSYC 2275	Interviewing Practicum	
PSYC 2280	Psychology of Women	
PSYC 2282	Human Behavior and The Environment	
PSYC 2290	Foundations of Learning & Motivation	
PSYC 2296	Psychology of Human Sexuality	
PSYC 3000	Industrial Psychology	

PSYC 3001	Child Psychology	
PSYC 3002	Adolescent Psychology	
PSYC 3307	Physiological Psychology	
PSYC 3309	Introduction to Psychopharmacology	
PSYC 3310	Drug Physiology and Classification	
PSYC 3311	Substance Abuse and Treatment	
PSYC 3312	Introduction to Group Process	
PSYC 3320	Psychology of Personality	
PSYC 3322	Abnormal Psychlogy	
PSYC 3324	Culture and Personality Development	
PSYC 3329	Community Mental Health	
PSYC 3353	Counseling the Aged	
PSYC 3370	Introduction to Behavioral Modification	
PSYC 3371	Juvenile Delinquency	
PSYC 4401	Psychology of Aging	
PSYC 4411	Seminar in Family Dynamics	
PSYC 4421	Principles of Psychological Testing	
PSYC 4464	Social Psychology	
PSYC 4492	Independent Study	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**123**

[1] Grade of "C" or better.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness

course OR two one (1) credit hour health or wellness activity courses.

Sociology, Bachelor of Arts

The major in Sociology provides courses that lead to a Bachelor of Arts degree in sociology. The sociology program offers a variety of courses designed to enhance the knowledge of socio-cultural environments, human social behavior and social groups. In contrast to psychology, which focuses on individual behavior, sociology examines human behavior at the group level. Sociologists attempt to explain how and why society changes over time, and how and why societies differ from one another. The program of study in sociology provides students with adequate competencies for successful graduate study in sociology, other related behavior sciences, gerontology and religion. The degree provides employment options at the bachelor's level and by carefully selecting sociology and allied electives, students can enhance their employment possibilities. Sociology majors can also pursue a dual degree with either psychology or social work as the second major.

The major in Sociology requires:

1. A minimum of 125 semester hours with a cumulative grade-point average of at least 2.0.
2. Completion of all major courses with grades of "C" or above.
3. Completion of all required examinations: Sociology Test of the Graduate Records Examination (GRE), or the Major Field Area Test and a departmental examination.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major [1]		
SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3
SOCI 2031	Intro to Anthropology	3
SOCI 2291	The Sociology of Gender Roles	3
Select 6 semester hours of the following: [1]		6
SSCI 2402	Microcomputers in Social Science	
ECON 2201	Survey of Economics	
POLS 2101	Introduction to Political Science	
POLS 2102	Introduction to Law	
MDLG	Foreign Language (Option)	

Requirements for the Major		
Area G - Major Requirements [1]		
SOCI 3321	Population Problems	3
SOCI 4300	Behavioral Statistics	3
SOCI 4304	Behavioral Reasearch	3
SOCI 4451	Social Theory	3
SOCI 4454	Sociology Seminar	3
Minor/Free Electives		
Select 18 Semester Hours of Free Electives or Minor. A minimum of 9 Credits in Upper Level Courses Required [1]		*18*
Area H: Major Courses [1]		
Select 27 Semester Hours. A minimum of 15 credits of 3000-4000 level courses are required.		*27*
SOCI 2271	Practicum I	
SOCI 2272	Practicum II	
SOCI 2275	Interviewing Practicum	
SOCI 2282	Social Basis of Human Behavior	
SOCI 2293	Introduction to Marriage and Family	
SOCI 3001	Culture and Global Citizenship	
SOCI 3311	The Family	
SOCI 3312	The Black Family	
SOCI 3318	Comparative Ethnology	
SOCI 3320	Global Health Disparities	
SOCI 3322	Social Institutions	
SOCI 3323	Social Movements	
SOCI 3324	Culture and Personality Development	

SOCI 3329	Community Mental Health	
SOCI 3330	Drug Physiology & Classification	
SOCI 3331	Substance Abuse & Treatment	
SOCI 3340	Intergroup Relations	
SOCI 3341	Sociology of Education	
SOCI 3342	Social Stratification	
SOCI 3350	Social Gerontology	
SOCI 3353	Counseling and the Aged	
SOCI 3354	Aging & Social Policy	
SOCI 3360	Urban Sociology	
SOCI 3362	Political Sociology	
SOCI 3366	Social Change	
SOCI 3367	Sociology of Occupations	
SOCI 3368	Sociology of Housing	
SOCI 3381	Sociology of Religion	
SOCI 3386	Poverty & Welfare	
SOCI 4308	Health Disparities	
SOCI 4401	Psychology of Aging	
SOCI 4411	Seminars in Family Dynamics	
SOCI 4425	Introduction to Counseling	
SOCI 4435	Death & Dying	
SOCI 4464	Social Psychology	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2

Total Semester Hours	**123**

1 Grade of "C" or better.

2 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Visual and Performing Arts, Bachelor of Arts

Potential Art majors seeking admittance into the discipline must submit a portfolio of previous work for review and approval before major status is granted. Additionally, for acceptance into and graduation from the discipline, each student must have, and thereafter maintain a cumulative grade point average of 2.25 or better. Students must earn a minimum grade of C in each art course. Majors must complete the departmental exit examination and a senior exhibit

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
MUSC 1007	Concert and Recitals Attendance	0
ARTS 1001	Design I-Fundamentals of Design	3
ARTS 1031	Drawing I-Basic Drawing	3
ARTS 2002	Design II-Fundamentals of Design	3
ARTS 2032	Drawing II-Intermediate Drawing	3
ARTS 2280	Art History Survey 1	3
ARTS 2285	Art History Survey II	3
Requirements for the Concentration		
Area G - Major Requirements		
ARTS 1102	Introduction to Visual and Performing Arts	1
ARTS 2051	Painting I	3
ARTS 3052	Painting II-Intermediate Painting	3
ARTS 2101	Sculpture I-Basic Sculpture	3
ARTS 3102	Sculpture II	3
ARTS 3081	Ceramics I-Introduction to Ceramic Art	3
ARTS 3082	Ceramics II	3

ARTS 3201	Graphics I	3
ARTS 3202	Graphics II	3
ARTS 2111	Photography 1	3
ARTS 3111	Photography II	3
ARTS 4403	Modern Art History	3
ARTS 4601	Seminar I	3
ARTS 4602	Seminar II	3
Art majors choose 12 hours from the following ARTS courses combined with 8 hours of general electives OR 3 hours from the ARTS courses listed below combined with an approved minor		*20*
ARTS 4065	Special Problems in Painting	
ARTS 4066	Special Problems in Sculpture	
ARTS 4202	Digital Photography	
ARTS 4067	Special Problems in Graphics	
ARTS 4068	Special Problems in Drawing	
ARTS 4070	Special Problems in Ceramics	
ARTS 4071	Special Problems in Design	
ARTS 4072	Special Problems in Techniques and Materials	
ARTS 4201	Watercolor	
ARTS 4069	Special Problems in Art History	
ARTS 4406	African-American Art	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness

course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Arts in Visual and Performing Arts degree with a concentration in music offers applied lessons in voice, piano, strings, wind instruments, and percussion. The program also offers courses in music theory, form and analysis, music history, and music literature with emphasis on performance. For acceptance into major vocal or instrumental applied courses all students must have had prior instruction and demonstrate requisite proficiency via an audition. Transfer students will enter at level commensurate with the demonstrated level of proficiency in music academic and performance areas. A second juried audition prior to acceptance into junior level applied courses is also required. Participation in performance organizations relative to the student's area of applied specialty is required. Potential music majors should immediately enroll in the proper sequential theory and applied classes which begin at the freshman level.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
MUSC 1007	Concert and Recitals Attendance	0
ARTS 1102	Introduction to Visual and Performing Arts	1
MUSC 1001	Class Piano I (or Secondary Applied Music course (see advisor))	1
MUSC 1002	Class Piano II (or Secondary Applied Music course (see advisor))	1
MUSC 1004	Functional Piano Class (or Secondary Applied Music course (see advisor))	1
MUSC 1005	Functional Piano Class (or Secondary Applied Music course (see advisor))	1
MUSC 1**1	Freshman Applied Lesson	1
MUSC 1**2	Freshman Applied Lesson	1
MUSC 1021	Elementary Harmony and Musicianship	3
MUSC 1133	Introduction to Music Literature	3
MUSC 1022	Elementary Harmony and Musicianship	3
MUSC 2**1	Sophomore Applied Lesson	1
MUSC 2**2	Sophomore Applied Lesson	1
Requirements for the Major		
Area G - Major Requirements		

MUSC 2000	Music Seminar	1
MUSC 2021	Intermediate Harmony and Musicianship	3
MUSC 2022	Intermediate Harmony and Musicianship	3
MUSC 3**1	Junior Applied Lesson	2
MUSC 3**2	Junior Applied Lesson	2
MUSC 3022	Form and Anaylsis I	3
MUSC 3023	Form and Anaylsis II	3
MUSC 3133	Music History and Literature	3
MUSC 3134	Music History and Literature II	3
MUSC 4220	Choral Conducting	3
or MUSC 4230	Instrumental Conducting	
MUSC 4**1	Senior Applied	2
MUSC 4**2	Senior Applied (recital required)	2
MUSC ****	**Performance Ensembles**	**8**
Instrumental Concentration (four courses required)		**4**
MUSC 3050	Brasswinds Class	
MUSC 3230	Woodwinds Class	
MUSC 3600	Percussion Class	
MUSC 3700	Strings Class	
MUSC 3171	Vocal Methods	
MUSC 4050	Keyboard Methods	
MUSC 3050	Brasswinds Class	
MUSC 3230	Woodwinds Class	
MUSC 3600	Percussion Class	
MUSC 2171	Diction for Singers	

MUSC 3700	Strings Class	
Area H Electives (advisor guided electives or an approved minor)		**18**
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Music Education Program Admission Requirements

The Bachelor of Arts in Visual and Performing Arts degree with a concentration in music education offers applied lessons in voice, piano, strings, wind instruments, and percussion. The program also offers courses in music theory, form and analysis, music history, and music literature with emphasis on performance and teaching. For acceptance into major vocal or instrumental applied courses all **students must have had prior instruction and demonstrate requisite proficiency via an audition.** Transfer students will enter at level commensurate with the demonstrated level of proficiency in music academic and performance areas. A second juried audition prior to acceptance into junior level applied courses is also required. Participation in performance organizations relative to the student's area of applied specialty is required. Potential music majors should immediately enroll in the proper sequential theory and applied classes which begin at the freshman level.

Program of Study

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
MUSC 1007	Concert and Recitals Attendance	0
ARTS 1102	Introduction to Visual and Performing Arts	1
MUSC 1001	Class Piano I (or Secondary Applied Music course (see advisor))	1
MUSC 1002	Class Piano II (or Secondary Applied Music course (see advisor))	1

MUSC 1004	Functional Piano Class (or Secondary Applied Music course (see advisor))	1
MUSC 1005	Functional Piano Class (or Secondary Applied Music course (see advisor))	1
MUSC 1**1	Freshman Applied Lesson	1
MUSC 1**2	FreshmanApplied Lesson	1
MUSC 1021	Elementary Harmony and Musicianship	3
MUSC 1123	Introduction to World Music	2
MUSC 1022	Elementary Harmony and Musicianship	3
MUSC 2010	Introduction to Music Education	1
MUSC 2**1	Sophomore Applied Lesson	1
MUSC 2**2	Sophomore Applied Lesson	1
Requirements for the Major		
Area G - Major Requirements		
MUSC 2021	Intermediate Harmony and Musicianship	3
MUSC 2022	Intermediate Harmony and Musicianship	3
MUSC 3**1E	Junior Applied Lesson	1
MUSC 3**2E	Junior Applied Lesson	1
MUSC 3022	Form and Anaylsis I	3
MUSC 3280	Computer Generated Music	2
MUSC 3133	Music History and Literature	3
MUSC 3134	Music History and Literature II	3
MUSC 4**1E	Senior Applied Lesson (Recital Required)	1
MUSC 4220 or MUSC 4230	Choral Conducting (or MUSC 4230 Instrumental Conducting) Instrumental Conducting	3
MUSC 4**1E	Senior Applied Lesson (Recital Required)	1
MUSC ****	**Performance Ensembles**	**5**

Methods Courses		
MUSC 4436	Elementary School Musical Methods	2
MUSC 4438	Secondary Choral Methods	2
or MUSC 4439	Secondary Band Methods	
Instrumental or Vocal/Piano Concentration (4 courses required from one of these concentrations)		**4**
Instrumental Concentration		
MUSC 3050	Brasswinds Class	
MUSC 3230	Woodwinds Class	
MUSC 3600	Percussion Class	
MUSC 3700	Strings Class	
MUSC 3171	Vocal Methods	
Vocal/Piano Concentration		
MUSC 3050	Brasswinds Class	
MUSC 3230	Woodwinds Class	
MUSC 3600	Percussion Class	
MUSC 3700	Strings Class	
MUSC 3171	Vocal Methods (required for voice majors)	
MUSC 4050	Keyboard Methods (required for piano players)	
Education Courses		
EDUC 2110	Investigating Critical and Contemporary Issues in Education	3
EDUC 2120	Exploring Socio-Cult Perspective	3
EDUC 2130	Exploring Teaching and Learning	3
EDUC 2199	Orientation to Education	0
SPED 3231	Contemp Persp Students w/Excep	3

EDUC 3403	Educ Preparation Practicum III	2
EDUC 4412	Student Teaching in Senior High School	12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**126**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
MUSC 1007	Concert and Recitals Attendance	0
THEA 1100	Theater Appreciation	3
ARTS 1102	Introduction to Visual and Performing Arts	1
THEA 1110	Stagecraft	3
THEA 2020	Voice and Diction	3
THEA 2030	Oral Interpretation	3
THEA 2900	Production and Performance	1
THEA 2901	Production and Performance	1
THEA 2041	Acting I Laboratory	3
Requirements for the Major		
Area G - Major Requirements		
THEA 1020	Theatre & Culture	3
THEA 2902	Production and Performance	1
THEA 2903	Production and Performance	1

THEA 2904	Production and Performance	1
THEA 2905	Production and Performance	1
THEA 2906	Production and Performance	1
THEA 2907	Production and Performance	1
THEA 2070	Make-Up for the Stage and Screen	3
THEA 2640	Directing I	3
THEA 2040	Acting I	3
THEA 3040	Acting II	3
THEA 3531	History of Theatre I	3
THEA 3532	History of Theatre II	3
THEA 3530	Modern Drama	3
THEA 3600	African American Theatre History and Performance	3
THEA 3640	Directing II	3
THEA 4520	Children's Theatre	3
THEA 4760	Seminar in Theatre	3
Area H: 18 credit hours guided by an advisor: 9 hours from the following courses plus 9 hours from the following areas: ARST, MACO, MUSC; or 18 hours of an approved minor.		*18*
THEA 3030	Theatre Management	
THEA 3560	Principles and Practices of Stage Costume.	
THEA 3520	Playwriting	
THEA 4780	Internship	
ENGL 4600	Shakespeare	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2

Total Semester Hours	**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Technology Management, Bachelor of Applied Science

Technology Management

The Bachelor of Applied Science degree in Technology Management is designed to prepare students who have successfully completed the Associate of Applied Science (AAS) degree from SACSCOC accredited technical institutions. The BAS in Technology Management offers all coursework online and is available for location-bound students who cannot take advantage of the traditional in-class instructions to earn a BAS degree in Technology Management. Through a combination of business management and business information systems courses, the BAS curriculum provides a solid grounding in the skills needed to manage human and technology resources in today's global and dynamic business and industry settings. Career opportunities in Technology Management include industrial and service management, technology security specialist, quality control management, business/management information systems specialist, and other related fields.

Albany State University and Albany Technical College are proactive educational collaborators committed to providing greater educational opportunities and services for students transferring between institutions. This commitment strongly supports the concept of seamless transfer that embraces the principle that transfer students should not be required to repeat competencies already achieved.

Graduates of the Associate of Applied Science Degree programs from Albany Technical College can seamlessly carry over concentration areas within the Bachelor of Applied Science in Technology Management degree program at Albany State University. The following are BAS concentrations offered at ASU:

- Accounting
- Business Management Programs
  - General Management
  - Human Resources Management
  - Operations Management
  - Service Sector Management
  - Small Business Management
- Marketing Management Programs
  - Marketing Management
  - Entrepreneurship

    - Retail Management
- Health Information Technology
- Hotel/Tourism/Restaurant Management
- Business Administrative Technology
- Culinary Arts Technology
- Design & Media Production Technology
- Drafting Technology
- Computer Information System Programs
    - PC Maintenance Specialist
    - Computer Support Specialist
    - Internet Specialist- Web Design
    - Network Specialist
- Electronics Programs
    - Biomedical Instrumentation Technology
    - Communications Electronics Technology
    - Industrial Electronics Technology
    - Field Occupation
- Fire Services Administration
- Business Logistics Management

Requirements

1. The student must earn an Associate of Applied Science (AAS degree) in one of the concentrations listed above. Albany Technical College graduates are required to have attained a "C" or better in each course for transfer to Albany State University.
2. Students should receive 15 hours of transfer credit in Areas A-E, and 36-42 additional transfer credit hours toward the BAS degree program. Other transfer credits may be granted on a case-by-case basis if directly equivalent to required ASU courses.
3. The student must complete a minimum of 120 semester hours with a minimum cumulative grade point average of 2.25 in overall program.
4. The student must complete the Major Field Achievement Test (MFAT) as a part of course requirements of MGMT 4199.

Technology Management Guide Sheet

All Technology Management students must complete 42-43 credit hours in the approved core *(see Core Curriculum in Academic Information for complete listing of courses)* **and 48 hours in business core requirements.**

Core Curriculum for Non-STEM Majors (Areas A-E) [1]		**42**
Area F: Courses required for the program of study [4]		
Minimum grade of "C" required in each course		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II [5]	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics ((if not taken in Area E))	3
ECON 2106	Principles of Microeconomics	3
MIST 2040	Communication for Management [2, 5]	3
or BUSA 1105	Introduction to Business	
Area G: Business Majors [4]		
Minimum grade of "C" required in each course		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business [5]	3
ECON 3205	Economic and Business Statistics [5]	3
FINC 3105	Foundations of Financial Management [5]	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management [5]	3
MGMT 4110	Organizational Behavior [5]	3
MGMT 4205	Management Information Systems [5]	3
MGMT 4199	Business Policy [5]	3
MKTG 3120	Principles of Marketing	3
Area H: Tech Block Concentration Specific Courses [3, 4]		

Select 21 technical credit hours		21
ASU 3000-4000 level electives-choose 9 hours		9
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		**123**

[1] Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

[2] Take both if ECON 2105 is taken in Area E.

[3] Please see Academic Advisor to receive a copy of this form specific to your concentration.

[4] Students must earn a C or better for all courses in Areas F, G, and H. The minimum GPA for graduation is 2.25. No more than 39 semester hours in Technology Management and traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

[5] Prerequisite required.

[6] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The **Office of Career Services** is responsible for assisting students with opportunities for professional employment and for internships.

Accounting, Bachelor of Science

The accounting program is designed to prepare accountants for the world of work. Students are given the opportunity to gain a wide variety of needed skills. Courses in the program build a rich knowledge of accounting theory and practice on both public and private levels. Students are introduced and taught to use and interact with contemporary technology. Developing critical thinking and communications skills are also emphasized in the program. Additionally, students are encouraged to sit for certification examinations at the completion of the program.

Upon successful completion of the Accounting program, students should be able to demonstrate:

1. Technical competence in the Discipline's functional areas of
    a. Financial Accounting and Reporting
    b. Managerial Cost Accounting
    c. Income Taxation
    d. Accounting Information Systems
    e. Auditing and Assurance Services
2. Familiarity with accounting software and other business software for processing accounting information.
3. Knowledge of ethical problem solving and recognition of issues and practices in the accounting profession including applicable laws.

Accounting Guide Sheet

Core Curriculum for Non-STEM Majors (Areas A-E) [1]		**42**
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105	Introduction to Business [2]	3
or MIST 2040	Communication for Management	

Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3
MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy	3
MKTG 3120	Principles of Marketing	3
Area H: Accounting Majors [3]		
ACCT 3101	Intermediate Accounting I	3
ACCT 3102	Intermediate Accounting II	3
ACCT 4101	Cost Accounting I	3
ACCT 4111	Auditing I	3
ACCT 4121	Tax Accounting I	3
ACCT 4142	Not-for-Profit Accounting	3
ACCT 4205	Accounting Information Systems	3
Select 9 semester hours of FREE electives (grade of C or higher required)		9
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		**123**

[1] Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

[2] Take both if ECON 2105 is taken in Area E.

[3] Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

[4] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Biology, Bachelor of Science

Biology - Bachelor of Science

The major in biology provides course sequences leading to the Bachelor of Science degree in biology. The program prepares a student for professional careers and employment in biological sciences and teaching in the area of biology. The flexibility and design of the program aids in preparation for entrance into graduate, medical, pharmacy and dental schools, as well as other professional schools.

The Biology major must complete **a minimum 13 hours of biology electives of which at least 8 hours of which must be at the 3000/4000 level.** The electives will be chosen by the student with the advisor from a list of approved electives. Biology majors and minors must make a "C" or better in all biology, chemistry, physics, and mathematics courses. Students must meet the requirements of the Core Curriculum. Students must take a major field achievement test the Area Concentration Achievement Test (ACAT) in the biology field during the senior year.

Students interested in attending medical and dental schools choose from a select number of biology and chemistry courses as suggested by their advisor or the Pre-Health advisor. Students may select courses in Biotechnology, Research, Bioenergy, Public Health and Food Safety. Students desiring a concentration in biotechnology are advised to contact the biotech program coordinator. In addition to the biotech concentration and pre-med program, the biology degree program offers tracks in Research, Bioenergy, Public Health, and Food Safety. It is highly recommended for students to confer with their departmental academic advisor prior to choosing courses.

Suggested Courses for the Biotech Concentration and Various Other Professional Tracks

1. **Biotechnology concentration**:

   Students wishing to earn a concentration in biotechnology are required to take the following courses as part of their biology course sequence:

BIOL 3000K	Fundamentals of Biotechnology	4
BIOL 3506	Bioinformatics	3
BIOL 3701	Current Issues and Topics in Biotechnology	2
BIOL 4703K	Genetic Engineering	4

Please note that satisfactory completion of these courses also fulfills the 13 hours of biology electives required for the major with no additional electives needed. Please note, the student's senior research project (required as a part of BIOL 4222K) must be related to the field of biotechnology. For detailed information discuss with biotech program coordinator.

2. **Pre-Med Track** (medical/dental/pharmacy):

   Based on current admissions criteria for medical based professional programs, biology students interested in the pre-med track are advised to place emphasis on the following courses:

Biology		
BIOL 2107K	Principles of Biology I (Required)	4
BIOL 2108K	Principles of Biology II (Required)	4
BIOL 3501K	Principles of Genetics (Required)	4
BIOL 4701K	Cell and Molecular Biology (Required)	4
BIOL 2411K	Human Anatomy and Physiology I	4
BIOL 2412K	Human Anatomy and Physiology II	4
Chemistry		
CHEM 1211K	Principles of Chemistry I (Required)	4
CHEM 1212K	Principles of Chemistry II (Required)	4
CHEM 2301K	Organic Chemistry I (Required)	4
CHEM 2302K	Organic Chemistry II (Required)	4
CHEM 3250K	Biochemistry I (Required)	4
Physics		
PHYS 1111K	Introductory Physics I (Required)	4
PHYS 1112K	Introductory Physics II (Required)	4

Due to the recent addition of behavioral and social sciences portions to the Medical College Admission Test (MCAT), students interested in **medical school** are also encouraged to take the following courses:

PSYC 1101	General Psychology	3

SOCI 2031	Intro to Anthropology	3
SOCI 2282	Social Basis of Human Behavior	3

For further discussion contact pre-med advisor.

3. **Graduate program/ Research track**:

   Biology students interested in the graduate program/research track are recommended to take the following courses as part of their biology course sequence:

BIOL 2000K	Foundations of Research 1	1
BIOL 2001K	Introduction to Research	2
BIOL 2240	Foundation of Research II	2
BIOL 2250	Responsible Conduct of Research	2
BIOL 2320K	Laboratory Research Techniques	3
BIOL 4223	Found of Research III	1

   Please note courses required for completion of the biology major. All other courses can be used to satisfy the 13 hours of biology electives required for the major.

4. **Bioenergy Track**:

   Biology students interested in the bioenergy track are recommended to take BIOL 2501 and BIOL 3103 as part of their biology course sequence. Please note that satisfactory completion of these courses may be used towards 13 hours of biology electives required for the major.

5. **Public Health Track**:

   Biology students interested in the public health track are recommended to take BIOL 2330 and BIOL 3801 as part of their biology course sequence. Please note that satisfactory completion of these courses may be used towards 13 hours of biology electives required for the major.

6. **Food Safety Track**:

   Biology students interested in the food safety track are recommended to take BIOL 2601 and BIOL 3201 as part of their biology course sequence. Please note that satisfactory completion of these courses may be used towards 13 hours of biology electives required for the major.

The major in biology provides course sequences leading to the Bachelor of Science degree in biology. The program prepares a student for professional careers and employment in biological

sciences and teaching in the area of biology. The flexibility and design of the program aids in preparation for entrance into graduate, medical, pharmacy and dental schools, as well as other professional schools.

Additionally, the Biology major must complete **a minimum 13 hours of biology electives of which a minimum of 8 hours must be at the 3000/4000 level.** The electives will be chosen by the student with the advisor from a list of approved electives. Biology majors and minors must make a "C" or better in all biology, chemistry, physics, and mathematics courses. Students must meet the requirements of the Core Curriculum. Students must take a major field achievement test the Area Concentration Achievement Test (ACAT) in the biology field during the senior year.

Students interested in attending medical and dental schools choose from a select number of biology and chemistry courses as suggested by their advisor or the Pre-Health advisor. Students may select courses Biotechnology, Research, Bioenergy, Public Health and Food Safety. Students desiring a concentration in biotechnology are advised to contact the biotech program coordinator. In addition to the biotech concentration and pre-med program, the biology degree program also offers additional tracks in Research, Bioenergy, Public Health, and Food Safety. It is highly recommended for students to confer with their departmental academic advisor prior to choosing courses.

Core Curriculum (MATH 1113 required for Area A2)		**43**
Area F: Courses required for the program of study		
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
BIOL 1801	Science Career Exploration	1
Area G - Major Requirements		
BIOL 3300K	General Botany I	4
BIOL 3101K	Environmental Biology	4
BIOL 3333K	Microbiology and Applications	4
BIOL 3501K	Principles of Genetics	4
BIOL 4001	Research and Independent Study I	1
BIOL 4222K	Biology Senior Research	3

BIOL 4701K	Cell and Molecular Biology	4
BIOL 3250K	Biochemistry	4
CHEM 2301K	Organic Chemistry I	4
CHEM 2302K	Organic Chemistry II	4
PHYS 2100 or CSCI 1300	Computer Applications Introduction to Computer Science	3
Biology Electives: Select 13 hours from the following courses (Required: 8 hours at the 3000/4000 level)		**13**
BIOL 2000K	Foundations of Research 1 [3]	
BIOL 2001K	Introduction to Research [3]	
BIOL 2240	Foundation of Research II [3]	
BIOL 2250	Responsible Conduct of Research [3]	
BIOL 2320K	Laboratory Research Techniques [3]	
BIOL 2330	Principles of Epidemiology [5]	
BIOL 2411K	Human Anatomy and Physiology I [2]	
BIOL 2412K	Human Anatomy and Physiology II [2]	
BIOL 2501	Introduction to Biomass [4]	
BIOL 2601	Intro to Foodborne Diseases [6]	
BIOL 3000K	Fundamentals of Biotechnology [1]	
BIOL 3103	The Fundamentals of Bioenergy [4]	
BIOL 3201	Fund of Public Hlth Nutrition [6]	
BIOL 3311K	Introduction to Natural Resources	
BIOL 3316K	Sources & Uses of Plant & Wildlife Resources	
BIOL 3320K	Principles and Techniques in Water Resource	
BIOL 3401K	Introduction to Histology	

BIOL 3506	Bioinformatics [1]	
BIOL 3611K	Medical Mycology	
BIOL 3701	Current Issues and Topics in Biotechnology [1]	
BIOL 3801	Env Hlth Conc in Public Hlth [5]	
BIOL 3901	Pathophysiology	
BIOL 4101K	General Physiology	
BIOL 4201K	Introduction to Parasitology	
BIOL 4223	Found of Research III [3]	
BIOL 4301K	Developmental Biology	
BIOL 4401K	Comparative Vertebrate Anatomy	
BIOL 4501K	Immunology	
BIOL 4601K	Plant Physiology	
BIOL 4703K	Genetic Engineering [1]	
Non-Science Electives (any course other than a science course)		3
Foreign Language Sequence (select one sequence)		6
SPAN 1001 & SPAN 1002	Elementary Spanish I and Elementary Spanish II	
FREN 1001 & FREN 1002	Elementary French I and Elementary French II	
GRMN 1001 & GRMN 1002	Elementary German I and Elementary German II	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [7]	2
Total Semester Hours		**124**

[1] Courses for Biotech concentration. These courses will satisfy Biology electives for B.S. in Biology.

[2] Courses for Pre-Med Track (medical/dental/pharmacy) concentration. These courses will satisfy Biology electives for B.S. in Biology.

[3] Courses for graduate program/research track concentration. Students interested in this track are recommended to take courses from this group. These courses will satisfy Biology electives for B.S. in Biology (please note the credit-hour and course-level requirements in the elective section).

[4] Courses for the Bioenergy concentration. These courses will satisfy Biology electives for B.S. in Biology.

[5] Courses for the Public Health concentration. These courses will satisfy Biology electives for B.S. in Biology.

[6] Courses for the Food Safety concentration. These courses will satisfy Biology electives for B.S. in Biology.

[7] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Chemistry, Bachelor of Science

The major in chemistry provides courses and sequences leading to the Bachelor of Science degree in Chemistry. The program is designed to follow the criteria for baccalaureate degrees set forth by the Committee on Professional Training of the American Chemical Society. The program prepares students for professional employment after graduation and also provides strong academic and laboratory experiences for those who wish to pursue graduate degrees in chemistry or attend professional schools.

Students must meet the requirements listed in the Core Curriculum. Students must also complete a minimum of 49 semester hours of chemistry. All students are required to earn at least a grade of "C" in all chemistry, biology, physics, and mathematics courses. All students are required to take the American Chemical Society standardized test in the courses for which the test is available. Students must also take the chemistry exit exam, the Major Field Test (MFT) during the senior year. A GPA of 2.25 and completion of CHEM 1211K and CHEM 1212K with a grade of 'C' or better is required to be a chemistry major. The chemistry major requires completion of required courses with a grade-point average of at least a 2.0.

Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) [1]		**43**
Area F: Courses Related to Major		
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 2301K	Organic Chemistry I	4
CHEM 2302K	Organic Chemistry II	4
CHEM 2310	Scientific Mathematics	2
Area G: Major Requirements		
The Chemistry Major Course requirements, AREA G, include 45 credits in required courses and 15 hours of electives.		
BIOL 2107K	Principles of Biology I	4
MATH 2212	Calculus II	4
CHEM 3151K	Quantitative Analysis I	4
CHEM 3152K	Quantitative Analysis II	4

CHEM 3221K	Physical Chemistry I	4
CHEM 3222K	Physical Chemistry II	4
CHEM 3231K	Intermediate Inorganic Chemistry I	4
CHEM 3250K	Biochemistry I	4
CHEM 4100K	Instrumental Analysis	4
CHEM 4110	Chemical Literature I	1
CHEM 4111	Junior Seminar	1
CHEM 4120	Senior Research I	1
CHEM 4130K	Senior Research II	3
PHYS 2100	Computer Applications	3
Electives		**15**
At least 3 of the elective credits must be non-science courses		
At least 6 of the elective credits must be 3000 level or higher Chemistry electives		
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] For students who take MATH 1211 the extra credit hour will be applied to elective hours in the degree program.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

This program of study includes a number of fundamental courses in chemistry and allows for students with interests in additional disciplines to build a broad based curriculum. Students will be required to complete the same courses as in Area A through Area F of the B.S. in Chemistry degree program (ACS track). However, in Area G they will be allowed to take a minimum of 15 hours (at least 5 credits in 3000 level or higher) of electives from one other discipline based on that discipline's minor requirements (e.g. Business or Biology) in place of the 15 hours of required electives which are primarily chemistry courses.

Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) [1]		**43**
Area F: Courses Related to Major		
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 2301K	Organic Chemistry I	4
CHEM 2302K	Organic Chemistry II	4
CHEM 2310	Scientific Mathematics	2
Area G Major Courses		
BIOL 2107K	Principles of Biology I	4
MATH 2212	Calculus II	4
CHEM 3151K	Quantitative Analysis I	4
CHEM 3152K	Quantitative Analysis II	4
CHEM 3221K	Physical Chemistry I	4
CHEM 3222K	Physical Chemistry II	4
CHEM 3231K	Intermediate Inorganic Chemistry I	4
CHEM 3250K	Biochemistry I	4
CHEM 4100K	Instrumental Analysis	4
CHEM 4110	Chemical Literature I	1
CHEM 4111	Junior Seminar	1
CHEM 4120	Senior Research I	1
CHEM 4130K	Senior Research II	3
PHYS 2100	Computer Applications	3
Minor chosen by student (15 hours)		15
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1

HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**124**

[1] For students who take MATH 1211 the extra credit hour will be applied to elective hours in the degree program.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Computer Science, Bachelor of Science

The Bachelor of Science degree in computer science with mathematics emphasis is for those students who want to combine mathematics and computer science. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 33 semester hours in computer science, 17 semester hours in mathematics courses, including Calculus II, Calculus III, 6 semester hours in major electives, and 4 semester hours in general electives.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Core Curriculum for STEM Majors (Areas A-E) [1]		**43**
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3

CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (17 hours)		
MATH 2212	Calculus II	4
MATH 2213	Calculus III	4
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4215	Numerical Analysis	3
Major Electives (6 hours from below list)		*6*
CSCI 2235	Information System & Web Security	
CSCI 2300	Computational Informatics I	
CSCI 2311	Advanced Visual Basic Programm	
CSCI 2400	Secure Script Programming	
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
General Electives (5 hours)		*5*

First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 and MATH 1211 Calculus I in Area D with a minimum grade of "C". The extra credit hour from MATH 1211 will be counted in Area F.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in computer science with business emphasis is for those students who want to combine computer science and business. In addition to the general institutional requirements, the major completes 60 semester hours in major courses, which include 39 semester hours in computer science and mathematics courses, 15 semester hours in business courses, and 6 semester hours in major electives. The Bachelor of Science degree in computer science with business emphasis is a cooperative program between Albany State University and Albany Technical College that allows qualified students to earn 66 semester hours at Albany Technical College and then transfer to Albany State University to complete the requirements for the Bachelor of Science degree with emphasis in business. Upon admission to Albany State University students may transfer up to 60 semester hours of credit to Albany State to satisfy Areas A, B, C, D, and E of the Core Curriculum.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Core Curriculum for STEM Majors (Areas A-E) [1]		**43**
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 1211	Calculus I	4
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		

Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		
MATH 2111	Linear Algebra	3
MATH 3423	Introduction to Operations Research	3
Management/Economic Courses (15 hours)		
ECON 2106	Principles of Microeconomics	3
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MGMT 3105	Legal Enviroment of Business	3
MKTG 3120	Principles of Marketing	3
Major Electives (6 hours from below list with 3 hours being in the 3000-4000 level)		*6*
CSCI 2235	Information System & Web Security	
CSCI 2300	Computational Informatics I	

CSCI 2311	Advanced Visual Basic Programm	
CSCI 2400	Secure Script Programming	
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in computer science with information assurance emphasis is for those students who want to combine focus on computer security. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 48 semester hours in computer science with 15 of those semester hours covering information assurance topics, 6 semester hours in mathematics courses, and 6 semester hours in major electives.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Core Curriculum for STEM Majors (Areas A-E) [1]		**43**
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
Information Assurance Courses (15 hours)		

CSCI 2235	Information System & Web Security	3
CSCI 3000	Cryptography & Computer Security	3
CSCI 4338	Network & Operating Systems Security	3
CSCI 4340	Wireless & Mobile Security	3
CSCI 4344	Computer Forensics	3
Major Electives (6 hours from below list with 3 being in the 3000-4000 level)		*6*
CSCI 2300	Computational Informatics I	
CSCI 2311	Advanced Visual Basic Programm	
CSCI 2400	Secure Script Programming	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
General elective		1
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in computer science with a minor is for those students who want to add a minor in another area to their degree in computer science. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 33 semester hours in computer science, 6 semester hours in mathematics courses, 3 semester hours in major electives, and 18 semester hours in a minor.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Core Curriculum for STEM Majors (Areas A-E) [1]		**43**
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		

MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
Minor and electives chosen by student (19 hours)		*19*
Major Electives (3 hours from below list)		*3*
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in Computer Science with a Nexus Option is for those students who want to add a Nexus Option to their degree in computer science. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 33 semester hours in computer science, 6 semester hours in mathematics courses, 3 semester hours in major electives, and 18 semester hours of a Nexus Option.

Albany State University has been approved by the Board of Regents of the University System of Georgia to offer two Nexus Options: Blockchain with Machine Learning and Blockchain with Data Analytics. The Nexus Program is available to Undergraduate students and those who have

completed a bachelor's degree and wish to acquire Blockchain, Data Analytics and Machine Learning certified training.

Under the Nexus Program, 18 hours of elective Area G courses (6 nexus degree courses) can be taken to earn a Nexus Option. A Nexus Option does not increase the number of hours you need to graduate. It is comprised of a group of 6 courses in Area G pertaining to the chosen Nexus Option and includes apprenticeships and internships to earn the Nexus Option alongside the bachelor's degree Program the student is already undertaking. Further information can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu.

These courses are designed to engage the student academically while collaborating with industry partners for internship, apprenticeship and job placements with such companies as IBM, Microsoft, Google, Amazon, Geico, P&G, Miller-Coors and others. Students gain industry expertise, earn badges as proof of certain skills and become highly marketable upon graduation.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Core Curriculum for STEM Majors (Areas A-E) [1]		**43**
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3

CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
Blockchain with Machine Learning Required Courses (18 hours)		
CSCI 4392	Introduction to Blockchain Technology	3
CSCI 4397	Blockchain Design Thinking [3]	3
CSCI 4389	Blockchain Coding and Implementation [3]	3
CSCI 4319	Introduction to Machine Learning	3
CSCI 4611	Apprenticeship I [3]	3
CSCI 4612	Apprenticeship II [3]	3
Major Electives (3 hours from below list)		*3*
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	

CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
General Elective		1
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

[3] Further information about this program and the new courses can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu

The Bachelor of Science degree in Computer Science with a Nexus Option is for those students who want to add a Nexus Option to their degree in computer science. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 33 semester hours in computer science, 6 semester hours in mathematics courses, 3 semester hours in major electives, and 18 semester hours of a Nexus Option.

Albany State University has been approved by the Board of Regents of the University System of Georgia to offer two Nexus Options: Blockchain with Machine Learning and Blockchain with Data Analytics. The Nexus Program is available to Undergraduate students and those who have completed a bachelor's degree and wish to acquire Blockchain, Data Analytics and Machine Learning certified training.

Under the Nexus Program, 18 hours of elective Area G courses (6 nexus degree courses) can be taken to earn a Nexus Option. A Nexus Option does not increase the number of hours you need to graduate. It is comprised of a group of 6 courses in Area G pertaining to the chosen Nexus Option and includes apprenticeships and internships to earn the Nexus Option alongside the bachelor's degree Program the student is already undertaking. Further information can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu.

These courses are designed to engage the student academically while collaborating with industry partners for internship, apprenticeship and job placements with such companies as IBM, Microsoft, Google, Amazon, Geico, P&G, Miller-Coors and others. Students gain industry expertise, earn badges as proof of certain skills and become highly marketable upon graduation.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Core Curriculum for STEM Majors (Areas A-E) [1]		**43**
Area F: Courses Related to Major		
CSCI 1201	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2111	Linear Algebra	3
MATH 2411	Introduction to Statistics	3
Area G - Major Requirements		
Computer Science Courses (33 hours)		
CSCI 2211	Visual BASIC Programming	3
CSCI 3111	Discrete Structures	3
CSCI 3122	Data Structures	3
CSCI 3132	Database Management	3
CSCI 3211	Computer Organization and Architecture I	3
CSCI 4113	Operating Systems	3
CSCI 4123	Computer Networks	3
CSCI 4211	Systems Analysis I	3
CSCI 4221	Software Engineering	3
CSCI 4915	Web Design and Development	3
CSCI 4921	Senior Project I	1
CSCI 4922	Senior Project II	2
Mathematics Courses (6 hours)		

MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
Blockchain with Data Analytics Required Courses (18 hours)		
CSCI 3350	Introduction to Data Science with R and Watson	3
CSCI 4319	Introduction to Machine Learning	3
CSCI 1321	Introduction to Programming in R and Python	3
CSCI 4391	Data Mining [3]	3
CSCI 4611	Apprenticeship I [3]	3
CSCI 4612	Apprenticeship II [3]	3
Major Electives (3 hours from below list)		*3*
CSCI 3000	Cryptography & Computer Security	
CSCI 3200	Design & Analysis of Algorithm	
CSCI 3300	High Performance Computing	
CSCI 3335	Risk Analysis & Information Infra-Structure Security	
CSCI 4338	Network & Operating Systems Security	
CSCI 4340	Wireless & Mobile Security	
CSCI 4344	Computer Forensics	
CSCI 4911	Special Topics in Computer Science & Computer Information Systems	
General Elective		1
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

[3] Further information about this program and the new courses can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu

Criminal Justice, Bachelor of Science

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
CRJU 1100	Introduction to Criminal Justice	3
CRJU 2200	Intro to Law Enforcement	3
CRJU 2210	Intro. to Criminal Law & Procedure	3
CRJU 2400	Report Writing & Research Skills	3
CRJU 2800	American Correctional Systems	3
Select one the following:		3
SOCI 1160	Introduction to Social Problems	
ECON 2201	Survey of Economics	
POLS 2101	Introduction to Political Science	
BUSA 2101	Survey of Computer Applications	
SSCI 2402	Microcomputers in Social Science	
Any Foreign Language course		
Area G: Major Courses (42 hours)		
Area G Required Courses (30 hours)		
CRJU 2900	Criminology	3
CRJU 2910	Organization and Administration in Criminal Justice	3
CRJU 3200	Survey of Juvenile Justice System	3
CRJU 3410	Criminal Justice Research	3
CRJU 3420	Research Statistics	3
CRJU 3530	CRJU Ethics and Professionals	3

CRJU 4210	Philosophy of Law and Punishment	3
CRJU 4630	Race, Gender and the Criminal Justice System	3
CRJU 4650	The Court System in the United States	3
CRJU 4999	Senior Seminar	3
Area G: Criminal Justice Electives		
Select 12 semester hours of the following (9 hours must be 3000-4000 level from below):		12
FOSC 2110	Survey Of Forensic Science	
CRJU 2500	Constitutional Proc in CRJU	
CRJU 2600	Juvenile Delinquency	
CRJU 2700	Community Relations	
CRJU 3000	Global Terrorism	
FOSC 3030	Criminal Evidence and Court Procedure	
CRJU 3300	Comp Inter legal System	
CRJU 4130	Law Enforcement and Legal Process	
CRJU 4340	Corrections and the Legal Process	
CRJU 4350	Treatment, Testing and Evaluation in Corrections	
CRJU 4360	Community Based Corrections	
CRJU 4510	Organized and White Collar Crime	
CRJU 4520	Drugs and Crime	
CRJU 4530	Comparative Criminology	
CRJU 4610	Internship	
CRJU 4620	Special Topics	
Area H: 18 hours of free electives (can be used for a minor)		*18*
Elective 1 3000/4000 level required if not taking a minor		
Elective 2 3000/4000 level required if not taking a minor		

Elective 3 3000/4000 level required if not taking a minor		
Elective 4		
Elective 5		
Elective 6		
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Early Childhood Education, Bachelor of Science

Early Childhood Education (Grades P-5), Bachelor of Science - Area F and Major Courses

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to the Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [2]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
ISCI 2001	Life/Earth Science	3
ISCI 2002	Physical Science	3
MATH 2008	Foundation Of Numbers And Oper	3
Area G - Major Requirements		
Methods/Curriculum Content		
ECEC 3200	Curriculum in Early Childhood Education	3
ECEC 3319	Quantitative Skills for Young Children	3
ECEC 4354	Science for the Young Child	4
ECEC 4400	Social Studies/Diversity/Language Arts	3
ECEC 4420	Preschool Education	3
EDUC 4451	Instruction and Assessment	3
SPED 3231	Contemp Persp Students w/Excep	3
Concentration Areas		
Reading Concentration		

ECEC 3322	Reading through Childrens Literature/Language Arts	3
ECEC 3355	Developmental Reading for Young Children	3
ECEC 4423	Corrective Reading in Early Childhood [4]	3
ECEC 4500	Remedial Reading: A Practicum [4]	3
Mathematics Concentration		
MATH 3000	Numbers and Their Applications	3
MATH 3005	Advanced Topics in Elementary Mathematics	3
MATH 3311	Geometry & Applications	3
Area H: Culminating Clinical Experience		
EDUC 2199	Orientation to Education	0
EDUC 3401	Educ Preparation Practicum I	2
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
	edTPA [5]	0
ECEC 4460	Student Teaching in Kindergarten and Primary Grades	12
or ECEC 4490 & ECEC 4491	Internship in Early Childhood Education I and Internship in Early Childhood Education II	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		**124**

[1] Prerequisite ENGL 1101

[2] Prerequisite EDUC 2110

[3] Prerequisite EDUC 2120

[4] Prerequisite ECEC 3355

[5] Find information regarding edTPA here.

[6] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Forensic Science, Bachelor of Science

The Bachelor of Science degree in Forensic Science is the only four-year Forensic Science degree program in Georgia and is housed in the Department of Chemistry and Forensic Science. Our Forensic Science program is accredited by the American Academy of Forensic Science (AAFC) accreditation body-Forensic Education Program Accreditation Commission (FEPAC), Forensic Science is the application of scientific methods to crime scene investigation and criminal prosecution. The program is interdisciplinary and is based on the natural sciences; chemistry, physics and biology. This program prepares students for professional careers in crime laboratories as criminalists, trace evidence specialists, serologists, DNA specialists, toxicologists, drug analysts, firearms and fingerprint examiners, staff photographers and evidence technicians.

Forensic Science Exit Exam - (70% Minimum Required Score)

The Academic requirements for Forensic Science program have been modified and specific admission criteria have been developed as recommended by the American Academy of Forensic Science's (AAFS) Forensic Science Education Programs Commission (FEPAC)

Requirements for Specific Admission Criteria for Forensic Science Majors

1. Completion of 32 hours of the core curriculum with a minimum grade of C in each course and institutional requirements.
2. Completion of Principles of Chemistry I and II (CHEM 1211K and CHEM 1212K) and Organic Chem I, Intro/Prin of Physics I and II with a minimum grade of C.
3. A cumulative Grade Point Average of 2.5

Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) [1]		**43**
Area F: Courses Related to Major		
CHEM 2301K	Organic Chemistry I	4
CHEM 2302K	Organic Chemistry II	4
BIOL 2107K	Principles of Biology I	4
FOSC 2100K	Intro to FOSC	3

CHEM 2310	Scientific Mathematics	2
Area G - Major Requirements		
Select 23 semester hours with a minimum of one course from each of the following groups:		23
Group I		
CHEM 3151K	Quantitative Analysis I	
CHEM 3250K	Biochemistry I	
CHEM 3221K	Physical Chemistry I	
Group II (select one sequence)		
PHYS 2221K & PHYS 2222K	Principals of Physics I and Principals of Physics II	
PHYS 1111K & PHYS 1112K	Introductory Physics I and Introductory Physics II	
Group III		
BIOL 3101K	Environmental Biology	
BIOL 3501K	Principles of Genetics	
BIOL 4701K	Cell and Molecular Biology	
Group IV		
CRJU 3420	Research Statistics	
SOCI 4300	Behavioral Statistics	
Area H: Forensic Science Courses		
FOSC 2120K	Forensic Photography	3
FOSC 2130K	Crime Scene Invst & Recon	3
FOSC 3020K	Forensic MIcroscopy of Trace	4
FOSC 3030	Criminal Evidence and Court Procedure	3
FOSC 4040K	Forensic Serology/DNA Tech I	3
FOSC 4050K	Forensic Chemistry	4

FOSC 4060K	SEM-EDAX of Trace Evidence	3
FOSC 4090K	Controlled Substance/Toxicolog	3
FOSC 4201K	Evidence Analysis/Research	3
FOSC 4999	Senior Capstone Seminar	3
Specialization Areas - select CRJU 1100 and 3 additional hours from below		*6*
CRJU 1100	Introduction to Criminal Justice (Required)	
FOSC 2140K	Crime Scene Invest & Recon II	
FOSC 3100K	Intern Forensic Sci DNA Typi	
FOSC 3200K	Bio Terrorism & Biotechnolgy	
FOSC 4080K	Forensic Serology/DNA Tech II	
FOSC 4120K	Electron Optics, EM/Quant Anal	
FOSC 4130	Expert Witness at Mock Trial	
FOSC 4140K	Fingerprint Technology	
FOSC 4150K	Evident Proc/Med Tech/Nur/Para	
FOSC 4160K	Evidence Collection in Scientific Crime Investigation (w/lab)	
FOSC 4170K	Ballistics of Firearms/Tool Mk	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] For students who take MATH 1211 the extra credit hour will be applied to Area F.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Health and Human Performance, Bachelor of Science

What is Exercise Science

Few academic programs offer such diverse opportunities for employment and professional development upon graduation as Exercise Science. The Exercise Science curriculum prepares graduates with the knowledge and practical experience necessary for employment as exercise physiologist; strength and conditioning specialists; personal trainers, corporate, community and commercial fitness leaders. This major provides a strong background for those interested in pursuing a master's degree in exercise physiology or related field. The Exercise Science specialization is also an attractive curricular option for those intending to apply to professional programs in medicine and other allied health programs such as physical therapy, occupational therapy, physician's assistant, and cardiac rehabilitation.

Career Outlook

Students interested in applying for admission to a professional school in one of the allied health professions will find the science-based courses (e.g., Human Anatomy, Exercise Physiology, Human Physiology, Kinesiology, Nutrition, etc.) in the Exercise Science major to be of special interest because of their emphasis on the human body. The curriculum culminates with applied courses suchas Test and Measurements and Internships that provides students with "hands on" practicalexperiences.

Student Internship Opportunities

Internship opportunities include, but are not limited to, spending 200 or more hours with mentors in physical therapy, occupational therapy, physician, commercial/corporate/community fitness, athletic training, personal training, and strength and conditioning clinics, and similar settings.

Degree Options

The exercise science concentration at ASU is offered through the Department of Health and Human Performance. Students in the exercise science specialization will earn the Bachelor of Science degree and be prepared for certification through the American College of Sports Medicine (ACSM) as Exercise Physiologist (EP-C), and the National Strength and Conditioning Association (NSCA) as Certified Strength and Conditioning Specialists (CSCS) and Certified Personal Trainers (CPT).

Upon completion of coursework, students perform a full-time 400-600 hour internship at an approved facility, compatible with career and employment goals.

Upon receipt of the baccalaureate degree, graduates are prepared for employment in the aforementioned areas, or for advanced studies in various branches of exercise science or related fields, such as medicine, physical therapy, and athletic training.

Web Sites

- American College of Sports Medicine – https://www.acsm.org
- American Physical Therapy Association – http://www.apta.org
- National Strength and Conditioning Association – https://www.nsca.com
- National Athletic Trainers Association – http://www.nata.org

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
BIOL 2411K	Human Anatomy and Physiology I	4
BIOL 2412K	Human Anatomy and Physiology II	4
HHUP 2213	Introduction to Health & Human Performance	3
Advisor approved electives		7
Area G - Major Requirements		
COHP 2110	Nutrition	3
HHUP 2289	Care & Preven of Athl Injuries	3
HHUP 2002	Fitness Assessment & Interpret	3
HHUP 3394	Theory & Psychology of Coaching	3
HHUP 3450	Basic Athletic Training	3
HHUP 3460	Kinesiology	3
HHUP 3470	Physiology of Exercise	3
HHUP 4090	Administration & Supervision of Recreation	3
HHUP 3300	Principles of Strength and Conditioning	3
HHUP 4482	Tests & Measurements in Health & Human Performance	3
Select one of the following courses:		3

HLTH 3320	Global Health	
HLTH 3330	African American Health Issues	
HLTH 3660	Current Issues in Health	
Free Elective Courses - 2000 to 4000-level		**15**
Free Elective Courses - 3000 to 4000-level		**12**
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

HLTH 3320. Global Health. (3 Credits)

The course will introduce students to the main concepts of the public health field and the critical links between global health and social and economic development. Students will get an overview of the determinants of health, and how wealth status is measured. The course will include the following issues form a global perspective: maternal and child health, communicable and non-communicable diseases, nutrition, and the environment. The course will be global in coverage but with a focus on low- and middle-income countries and on the health of the poor.

HLTH 3330. African American Health Issues. (3 Credits)

This course will explore numerous health issues affecting the African American community. An overview of African American health, a historical background in racial disparities in health care, specific health problems as they relate to African American children, women, men and the elderly will specifically be addressed. Violence, homicide and incarceration and how these social and environmental issues affect the African American community will be discussed in this course.

HLTH 3660. Current Issues in Health. (3 Credits)

HHUP 2000. Directed Study. (1 Credit)

This elective allows students to explore varied content under contracted supervision of a faculty. Specific content can be found in the syllabus of each offering.

HHUP 2002. Fitness Assessment & Interpret. (3 Credits)

This course provides students with practical experience including laboratory and field tests used for assessing physical fitness components as well as principles of exercise prescription. Test results are used in developing individsualized exercise precriptions to improve cardiorespiratory fitness, muscular fitness, bodyweight and body composition, and flexibility. Prerequisite or Corequisite: HHUP 3600.

HHUP 2213. Introduction to Health & Human Performance. (3 Credits)

This is an entry level course in health and human performance related fields. This course provides selected topics in the field of exercise science and other related helath science disciplines, including Exercise science history, anatomy, exercise physiology, exercise epidemiology, exercise nutrition, biomechanics, and exercise and sport psychology. This course is designed to introduce you to the field and prepare you for future classes in the exercise science discipline.

HHUP 2214. Games of Low Organization. (2 Credits)

A study of activities based on the needs, interests and all age groups, emphasizing trust building activities, games, stunts, relays and rhythmic activities for playground, schools, and recreational areas and methods used in their presentation.

HHUP 2272. Fundamentals/Coaching of Football/Soccer. (2 Credits)

Fundamentals of teaching individual and team play, knowledge of offensive plays, most frequently used defenses and coaching strategies. Includes officiating.

HHUP 2276. Fundamentals/Coaching of Basketball/Volleyball. (3 Credits)

Fundamentals of teaching individual and team play, basic offensive patterns against selected defense, basic defense alignments against selected offensive patterns, coaching strategies, principles and procedures of organization and managing meets. Includes officiating.

HHUP 2289. Care & Preven of Athl Injuries. (3 Credits)

A course designed to provide entry level knowledge in the field of sport related injuries. This course includes units dealing with the history of athletic training, basic anatomy of common injuries, evaluation techniques, preventative measures to reduce the incidences of injuries and knowledge of

basic treatment procedures to be used after injuries occur. Legal and ethical issues will also be discussed.

HHUP 2319. Fundamentals/Coaching of Baseball/Softball. (2 Credits)

Stress fundamentals of teaching the basic skills in baseball: pitching, catching, batting, base running, infield and outfield plays, offensive and defensive strategy, organization and management. Includes officiating.

HHUP 2377. Fundamentals/Coaching of Track/Field. (3 Credits)

Fundamental procedure in conditioning and training for track and field events; a basic understanding of the individual basic skills for each event; coaching strategies, principles and procedures of organizing and managing meets.

HHUP 3300. Principles of Strength and Conditioning. (3 Credits)

This course is designed for students preparing for the National Strength and Conditioning Association (NSCA) Certified Strength and Conditioning Specialist (CSCS) certification or for students wishing to gain additional practical application of exercise science, strength training, and programming.

HHUP 3394. Theory & Psychology of Coaching. (3 Credits)

Basic theories, principles and psychology of coaching sports and athletics.

HHUP 3450. Basic Athletic Training. (3 Credits)

The didactic aspect of this course is problem-based and includse case-based scenarios focusing on the evaluation process, management and treatment of orthopedic and neuromuscular injuries of the lower and upper extremities. Course content includes the evaluation process of injuries, plan of care, and evidence based medicine. Thereapeutic modalities and rehabilitiation will be emphasized. Prerequisite: HHUP 2289.

HHUP 3452. Advanced Athletic Training. (4 Credits)

This course emphasizes problem-based learning and includes case-based scenarios focusing on the evaluation process, management and treatment of orthopedic and neuromuscular injuries of the axial region. Course content includes the evaluation process of injuries, plan of care, and evidence based medicine. Therapeutic exercise/treatment modalities are emphasized and observation hours required. Prerequisite: HHUP 3450.

HHUP 3460. Kinesiology. (3 Credits)

Concerned with an analysis of human motion and the mechanical principles related to movement. Concentrated attention is given to the muscles which move individual joints. Laboratory demonstrations are conducted. Prerequisite: BIOL 2411K, BIOL 2412K.

HHUP 3470. Physiology of Exercise. (3 Credits)

Study of the effects of physical activities on the human organism and applied physiology. Laboratory demonstrations are concluded. Prequisite: BIOL 1111K, BIOL 2411K, and BIOL 2412K.

HHUP 4002. Exercise for the Special Population. (3 Credits)

This course provides students with a basic understanding of the pathophysiology and exercise responses relative to disease of the cardiovascular, pulmonary, metabolic, neuromuscular, and immunologic systems. The material follows the disease-specific pathology and ACSM treatment guidelines while guiding students through exercise testing and training principles for clients with chronic diseases. Prerequisite: HHUP 3470.

HHUP 4090. Administration & Supervision of Recreation. (3 Credits)

This course is designed to provide a thorough investigation of organization, supervision, and administration policies and practices of governmental, institutional, public and private recreation agencies. Also, provides management and supervisory theories and practices in terms of establishing and maintaining the following: recreational programs, curriculum construction, community relations, physical plant personnel and student relations, and budget planning and policies.

HHUP 4482. Tests & Measurements in Health & Human Performance. (3 Credits)

Basic knowledge of measurment, data anaylsis, and evaluation for conducting the evidence-based practice in exercise/sport science and health related fields. Prerequisite: HHUP 2002, MATH 1113.

Interdisciplinary Studies, Bachelor of Arts

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
Must choose 18 hours of courses at the 1000 and 2000 level from programs in the two academic colleges		18
General Electives		
Elective courses		6
Choose Option 1 or 2		**54**
Option 1: choose 3 areas of study and complete 18 hours from each major concentration		
Option 2: choose 2 areas of study and complete 18 hours from each major concentration plus 18 hours as an individual emphasis, which can include an eclectic mix of courses chosen by the student and approved by the advisor		
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Management Information Systems & Technology, Bachelor of Science

The Management Information Systems & Technology (MIST) program integrates information technology, people, and business. The program provides professional preparation for persons who are interested in coordinating, facilitating and expediting functions of the office in business, industrial, and governmental organizations. Focus is on the development of computer operation skills for text processing, human-computer interaction, technical and professional personnel, office environment management, processing of unstructured tasks, and the utilization of small systems. Interpersonal communication and organizational understanding are important skills that are developed. Career options are available in database administration, telecommunications, data communications, and management of business and office information.

Management Information Systems & Technology Guide Sheet

Core Curriculum for Non-STEM Majors (Areas A-E) [1]		**42**
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105	Introduction to Business [2]	3
or MIST 2040	Communication for Management	
Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3

MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3
MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy (Graduating Seniors Only)	3
MKTG 3120	Principles of Marketing	3
Area H: MIST Majors [3]		
MIST 3330	Human-Computer Interaction and Innovation	3
MIST 4206	Database Management Systems	3
MIST 4207	Systems Analysis & Design	3
MIST 4220	Special Topics and Research in Information	3
MIST 4240	Computer Programming in Business	3
MIST 4260	E-Commerce	3
Select 12 semester hours of free electives (grade of C or better is required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		**123**

1 Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

2 Take both if ECON 2105 is taken in Area E.

3 Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

4 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Management, Bachelor of Science

The mission of the management program is to enable students to develop analytical skills, reflective thinking, logical reasoning, and a sound understanding of the quantitative techniques and computer applications used in decision-making processes. Career options may include industrial and service management, financial analysis, quality control management, and first level supervision in industry, business and government. Many of our students are interested in entrepreneurship and small business management. Students interested in healthcare management should select the Healthcare Management Track tab.

Management Program Guide Sheet

Core Curriculum for Non-STEM Majors (Areas A-E) [1]		**42**
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105 or MIST 2040	Introduction to Business [2] Communication for Management	3
Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3

MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy	3
MKTG 3120	Principles of Marketing	3
Area H: Management Majors [3]		
BUSA 4200	Project Management	3
ECON 3145	Money, Banking and Foreign Exchange	3
MGMT 4125	Human Resource Management	3
MGMT 4127	Small Business Management	3
MGMT 4206	Database Management Systems	3
MGMT 4207	Systems Analysis and Design	3
Select 12 credit hours of free electives (grade of C or better required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		**123**

[1] Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

[2] Take both if ECON 2105 is taken in Area E.

[3] Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

[4] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Healthcare Administration is an area of concentration in the Management Program. The concentration includes specialty courses in healthcare and business. The Healthcare Administration concentration is structured as a four-year program to provide specialty training for the entering freshman or transfer student. Healthcare graduates experience an employer-based practicum which prepares them for entry level management and supervisory roles in the healthcare industry. Graduates of the program are prepared for careers in hospital and healthcare administration,

healthcare marketing, managed care, health insurance, long-term care, and practice management. Additionally, graduates gain skills in general management, financial management, human resources, regulatory compliance, technology/information management, and quality initiatives.

Healthcare Management Concentration Guide Sheet

Core Curriculum for Non-STEM Majors (Areas A-E) [1]		**42**
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105 or MIST 2040	Introduction to Business [2] Communication for Management	3
Area G: Business Majors [3]		
MGHC 2220	Medical Terminology	2
MGHC 3110	Introduction to Health Care Organizations	3
MGHC 3120	Ethical/Legal Issues in Health Care	3
MGHC 3220	Research in Health/Biostatistics	3
MGHC 3310	Chronic Diseases	3
MGHC 3411	Quality Management in Health Care Organizations	3
MGHC 3420	Economics of Health Care	3
MGHC 4211	Health Care Administration Practicum I	4
MGHC 4410	Financial Management	3
MGHC 4421	Insurance for Health Care Professionals	3

Area H: Accounting Majors [3]		
ECON 3205	Economic and Business Statistics	3
MGHC 4035	Health Care Marketing	3
MGMT 4125	Human Resource Management	3
MGMT 4199	Business Policy	3
MGMT 4205	Management Information Systems	3
MKTG 3120	Principles of Marketing	3
Select 12 credit hours of free electives (grade of C or better required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		**123**

1 Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

2 Take both if ECON 2105 is taken in Area E.

3 Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

4 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Marketing, Bachelor of Science

The Marketing program is designed to provide students with opportunities to acquire the skills, concepts, and knowledge needed to assume responsible positions in marketing. Skills in problem solving, decision making, and applying the principles of economics, psychology, and sociology to consumer behavior are developed for future marketing professionals and marketing leaders. Career options are available in selling, purchasing, advertising, promotion, physical distribution, industrial marketing, customer service, marketing research, consumer service, and many other specialties.

Upon successful completion of the Marketing degree program, student will be able to demonstrate:

1. Technical competence in the discipline's functional areas of:
   - Selling and Sales Management
   - Marketing Research
   - Retailing and Retail Management
   - Marketing Information Systems/E-Commerce
   - Promotion, Advertising and Marketing Communication
   - International/ Global Marketing
   - Consumer Behavior and Integrated Marketing
2. Understanding of marketing strategies, marketing analytic models, techniques and software used in such applications as marketing research, sales management advertising and retailing.
3. Knowledge of ethical problem identification and solution consistent with the evolving needs and values of society and business culture.

Marketing Guide Sheet

Core Curriculum for Non-STEM Majors (Areas A-E) [1]		**42**
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3

BUSA 1105	Introduction to Business [2]	3
or MIST 2040	Communication for Management	
Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3
MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy (Graduating Seniors Only)	3
MKTG 3120	Principles of Marketing	3
Area H: Marketing Majors [3]		
MIST 4260	E-Commerce	3
MKTG 3130	Consumer Behavior	3
MKTG 3132	Fundamentals of Selling	3
MKTG 3134	Markting Research	3
MKTG 3136	Promotion & Advertising	3
MKTG 4170	Marketing Management	3
Select 12 semester hours of free electives (grade of C or better is required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		**123**

[1] Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-Calculus in Area D with a minimum grade of "C".

[2] Take both if ECON 2105 is taken in Area E.

[3] Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

[4] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Mathematics, Bachelor of Science

Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) [1]		43
Area F: Courses Related to Major		
MATH 1211	Calculus I	4
MATH 2212	Calculus II	4
MATH 2411	Introduction to Statistics	3
MATH 2111	Linear Algebra	3
CSCI 1201	Introduction to Computer Science	3
Area G - Major Requirements		
MATH 2213	Calculus III	4
MATH 3101	Introduction to Number Theory	3
MATH 3112	Discrete Mathematics	3
MATH 3211	Ordinary Differential Equations	3
MATH 3213	Modern Geometry	3
MATH 3314	Math Statistics	3
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4111	Modern Algebra I	3
MATH 4112	Modern Algebra II	3
MATH 4211	Elements of Analysis I	3
MATH 4212	Elements of Analysis II	3
MATH 4214	Introduction to Complex Variables	3
MATH 4215	Numerical Analysis	3
MATH 4921	Senior Project 1	1

MATH 4922	Senior Project II	2
Major Electives		**12**
MATH 3413	Introduction to Combinatorics	
MATH 4511	History of Mathematics	
MATH 4313	Topology	
MATH 4220	Partial Differential Equations	
MATH 4330	Math of Compound Interest	
MATH 4332	Math of Demography	
Free elective		3
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in Mathematics with a minor is for those students who want to add a minor in another area to their degree in mathematics. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 42 semester hours in mathematics and 18 semester hours in a minor.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) [1]		**43**
Area F: Courses Related to Major		
MATH 1211	Calculus I	4

MATH 2212	Calculus II	4
MATH 2213	Calculus III	4
MATH 2411	Introduction to Statistics	3
MATH 2111	Linear Algebra	3
Area G - Major Requirements		
MATH 3101	Introduction to Number Theory	3
MATH 3112	Discrete Mathematics	3
MATH 3211	Ordinary Differential Equations	3
MATH 3213	Modern Geometry	3
MATH 3314	Math Statistics	3
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4111	Modern Algebra I	3
MATH 4112	Modern Algebra II	3
MATH 4211	Elements of Analysis I	3
MATH 4212	Elements of Analysis II	3
MATH 4214	Introduction to Complex Variables	3
MATH 4215	Numerical Analysis	3
MATH 4921	Senior Project 1	1
MATH 4922	Senior Project II	2
Courses Toward Minor		18
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The Bachelor of Science degree in Mathematics with a Nexus Option is for those students who want to add a Nexus Option to their degree in mathematics. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 42 semester hours in mathematics and 18 semester hours of a Nexus Option.

Albany State University has been approved by the Board of Regents of the University System of Georgia to offer two Nexus Options: Blockchain with Machine Learning and Blockchain with Data Analytics. The Nexus Program is available to Undergraduate students and those who have completed a bachelor's degree and wish to acquire Blockchain, Data Analytics and Machine Learning certified training.

Under the Nexus Program, 18 hours of elective Area G courses (6 nexus degree courses) can be taken to earn a Nexus Option. A Nexus Option does not increase the number of hours you need to graduate. It is comprised of a group of 6 courses in Area G pertaining to the chosen Nexus Option and includes apprenticeships and internships to earn the Nexus Option alongside the bachelor's degree program the student is already undertaking. Further information can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu.

These courses are designed to engage the student academically while collaborating with industry partners for internship, apprenticeship and job placements with such companies as IBM, Microsoft, Google, Amazon, Geico, P&G, Miller-Coors and others. Students gain industry expertise, earn badges as proof of certain skills and become highly marketable upon graduation.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) [1]		**43**
Area F: Courses Related to Major		
MATH 1211	Calculus I	4
MATH 2212	Calculus II	4
MATH 2213	Calculus III	4
MATH 2411	Introduction to Statistics	3

MATH 2111	Linear Algebra	3
Area G - Major Requirements		
MATH 3101	Introduction to Number Theory	3
MATH 3112	Discrete Mathematics	3
MATH 3211	Ordinary Differential Equations	3
MATH 3213	Modern Geometry	3
MATH 3314	Math Statistics	3
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4111	Modern Algebra I	3
MATH 4112	Modern Algebra II	3
MATH 4211	Elements of Analysis I	3
MATH 4212	Elements of Analysis II	3
MATH 4214	Introduction to Complex Variables	3
MATH 4215	Numerical Analysis	3
MATH 4921	Senior Project 1	1
MATH 4922	Senior Project II	2
Blockchain with Machine Learning Required Courses (18 hours)		
CSCI 4392	Introduction to Blockchain Technology	3
CSCI 4397	Blockchain Design Thinking [3]	3
CSCI 4389	Blockchain Coding and Implementation [3]	3
CSCI 4319	Introduction to Machine Learning	3
MATH 4611	Apprenticeship I [3]	3
MATH 4612	Apprenticeship II [3]	3
First-Year and Wellness Course Requirements Outside the Core		

ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

[3] Further information about this program and the new courses can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu

The Bachelor of Science degree in Mathematics with a Nexus Option is for those students who want to add a Nexus Option to their degree in mathematics. In addition to the general institutional requirements, the major completes 60 semester hours in major courses which include 42 semester hours in mathematics and 18 semester hours of a Nexus Option.

Albany State University has been approved by the Board of Regents of the University System of Georgia to offer two Nexus Options: Blockchain with Machine Learning and Blockchain with Data Analytics. The Nexus Program is available to Undergraduate students and those who have completed a bachelor's degree and wish to acquire Blockchain, Data Analytics and Machine Learning certified training.

Under the Nexus Program, 18 hours of elective Area G courses (6 nexus degree courses) can be taken to earn a Nexus Option. A Nexus Option does not increase the number of hours you need to graduate. It is comprised of a group of 6 courses in Area G pertaining to the chosen Nexus Option and includes apprenticeships and internships to earn the Nexus Option alongside the bachelor's degree program the student is already undertaking. Further information can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu.

These courses are designed to engage the student academically while collaborating with industry partners for internship, apprenticeship and job placements with such companies as IBM, Microsoft, Google, Amazon, Geico, P&G, Miller-Coors and others. Students gain industry expertise, earn badges as proof of certain skills and become highly marketable upon graduation.

All majors and minors in the department must achieve a grade of "C" or better in all mathematics, science, computer science, and business courses. A cumulative grade point average of at least 2.25 is required for graduation.

Core Curriculum for STEM Majors (MATH 1113 or 1211 required for Area A2) [1]	**43**

Area F: Courses Related to Major		
MATH 1211	Calculus I	4
MATH 2212	Calculus II	4
MATH 2213	Calculus III	4
MATH 2411	Introduction to Statistics	3
MATH 2111	Linear Algebra	3
Area G - Major Requirements		
MATH 3101	Introduction to Number Theory	3
MATH 3112	Discrete Mathematics	3
MATH 3211	Ordinary Differential Equations	3
MATH 3213	Modern Geometry	3
MATH 3314	Math Statistics	3
MATH 3411	Statistical Methods	3
MATH 3423	Introduction to Operations Research	3
MATH 4111	Modern Algebra I	3
MATH 4112	Modern Algebra II	3
MATH 4211	Elements of Analysis I	3
MATH 4212	Elements of Analysis II	3
MATH 4214	Introduction to Complex Variables	3
MATH 4215	Numerical Analysis	3
MATH 4921	Senior Project 1	1
MATH 4922	Senior Project II	2
Blockchain with Data Analytics Required Courses (18 hours)		
CSCI 3350	Introduction to Data Science with R and Watson	3
CSCI 4319	Introduction to Machine Learning	3

CSCI 1321	Introduction to Programming in R and Python	3
CSCI 4391	Data Mining [3]	3
MATH 4611	Apprenticeship I [3]	3
MATH 4612	Apprenticeship II [3]	3
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**124**

[1] Students are required to complete MATH 1113 Pre-Calculus in Area A2 or Area D with a minimum grade of "C".

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

[3] Further information about this program and the new courses can be obtained by calling 229-500-2280 or sending email to robert.owor@asurams.edu

Middle Grades Education (MGED 4-8), Bachelor of Science

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [2]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
Must take TWO course from MAJOR concentration and ONE from minor concentration		*9*
ISCI 2001	Life/Earth Science	
ISCI 2002	Physical Science	
MATH 2008	Foundation Of Numbers And Oper	
HIST 2111	Survey of American History I	
HIST 2112	Survey of American History II	
HIST 2116	American Military History	
ENGL 2105	Creative Writing	
ENGL 2406	Literary Forms	
ENGL 2204	Advanced Composition	
AREA G: METHODS/CURRICULUM/CONTENT		
EDUC 4451	Instruction and Assessment	3
MGED 3315	Curriculum Needs and Characteristics of the Middle School Child	3
MGED 4439	Reading in the Middle Grades	3
SPED 3231	Contemp Persp Students w/Excep	3
Select Two Concentrations (30 hours total)		**30**
Science Concentration (15 hours)		

MGED 4434	Science in Middle Grades	
ISCI 3109	Integrated Concept in Biol Sci	
ISCI 3003	Integrated Concepts in Phy Sci	
ISCI 3002	Integrated Earth and Space Sci	
Mathematics Concentration (15 hours)		
MGED 3314	Mathematics in the Middle Grades	
MATH 3000	Numbers and Their Applications	
MATH 3005	Advanced Topics in Elementary Mathematics	
MATH 3112	Discrete Mathematics	
MATH 3311	Geometry & Applications	
Social Studies Concentration (15 hours)		
MGED 4422	Social Studies in the Middle Grades	
GEOG 3101	Principles of Geography	
ECON 4705	Economic History of the U. S.	
or POLS 3511	Comparative Government	
HIST 3403	History of Georgia	
POLS 4513	Issues in Global Politics	
Language Arts Concentration (15 hours)		
MGED 4423	Language Arts in the Middle Grades	
MGED 3326	Preadolescent Literature	
ENGL 3204	Rhetoric and Adv Writing	
ENGL 3305	Modern Grammar	
ENGL 3106	Technical Writing [5]	
AREA H: CULMINATING CLINICAL EXPERIENCE		
EDUC 2199	Orientation to Education	0

EDUC 3401	Educ Preparation Practicum I	2
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
	edTPA [4]	
MGED 4461	Student Teaching in Middle Grades	12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		**123**

[1] Prerequisite is ENGL 1101

[2] Prerequisite is EDUC 2110

[3] Prerequisite is EDUC 2120

[4] Find information regarding edTPA here.

[5] Prerequisite is ENGL 2204

[6] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Days"). Students who do not meet this requirement will be dropped from the clinical nursing course.

a. **Certificate of immunization**: Must be on file in Student Health Services indicating that all immunizations are current based on his/her age. Immunizations include Hepatitis B (or waiver), MMR, tetanus, varicella, flu, tuberculosis, and any other immunization(s) deemed necessary by the University and/or the clinical site.

b. **BLS card**: A current CPR (cardiopulmonary resuscitation) basic life support (BLS) card. All students must be **certified** by the American Heart Association (AHA) in child and adult BLS for health care providers. This certification must be maintained throughout the program (renewed every 2 years). An outdated CPR certification will prohibit the student from attending clinical practice experiences.

9. Following admission to the nursing program, students must submit the following documentation prior to the course's established pre-clinical deadline: malpractice insurance, proof of active health insurance (or enrollment into the student health insurance plan), a complete criminal background check, and a drug test at the expense of the student will be required. The criminal background check will be completed utilizing the following website: https://www.precheck.com/
10. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substance as a provided by the law or regulations of the contracting agency.
11. A student who has failed (D, F, or WF) two (2) nursing courses, whether at a 2-year or 4-year institution (including ASU) will not be eligible for admission or continuation in the nursing program at ASU. Students with no more than two (2) nursing failures may be considered for entry (or reentry) into the nursing program on a case-by-case basis only after a 5-year period has passed from the most recently-earned failure. Only one (1) nursing failure may be forgiven.

Programs of Study: Baccalaureate Nursing Programs

Generic & Accelerated BSN

Core Curriculum for Health Professions Majors (Areas A-E) MATH 1001 or 1111 (preferred) required for Area A2 and MATH 2411 required for Area D		**43**
AREA F: COURSES RELATED TO MAJOR		
NURSING MAJOR (17 hours)		
BIOL 2211K	Introduction to Microbiology	4

BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	8
COHP 2120 or PSYC 2103	Growth and Development for Health Professions Human Growth & Development	3
NURS 1232	Pre-Nursing Seminar	2
AREA G: PROFESSIONAL NURSING COURSES (60 hours)		
NURS 2210	Pharmacology (BSN)	3
NURS 2231	Fundamental Concepts of Professional Nursing (BSN)	5
NURS 2331	Adult Health Nursing I (BSN)	5
NURS 2601	Introduction to Geriatric Nursing (BSN)	3
NURS 3134	Pediatric Nursing (BSN)	5
NURS 3136	Women's Health Nursing (BSN)	5
NURS 3320	Pathophysiology (BSN)	3
NURS 3335	Mental Health Nursing (BSN)	5
NURS 3510	Assessment in Health Care (BSN)	3
NURS 4111	Directed Study (NCLEX Prep)	3
NURS 4131	Research (BSN)	3
NURS 4140	Principles of Leadership and Management (BSN)	2
NURS 4240	Community Health Nursing (BSN)	5
NURS 4342	Adult Health Nursing II (BSN)	5
NURS 4345	Senior Comprehensive Nursing (BSN)	5
Electives (1-16 hours)		**1**
ALHE 1120	Medical Terminology	
COHP 2110	Nutrition	
NURS 3010	Junior Nursing Summer Externship	

NURS 4010	Senior Nursing Summer Externship	
NURS 4111	Directed Study	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**124**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Curriculum Patterns: Baccalaureate Nursing Programs

Generic BSN Program (Fall Admission)

Freshman Year		
Fall		**Semester Hours**
ASU 1101	First Year Experience: Pathways to Success	1
BIOL 1111K or BIOL 2107K or CHEM 1152K or CHEM 1211K	Introduction to Biological Sciences or Principles of Biology I or Survey of Chemistry II or Principles of Chemistry I	4
BIOL 2411K	Human Anatomy and Physiology I	4
ENGL 1101	English Composition I	3
NURS 1232	Pre-Nursing Seminar	2
	Semester Hours	**14**
Spring		
BIOL 1112K or BIOL 2108K or CHEM 1152K	Intro to Biological Sciences or Principles of Biology II or Survey of Chemistry II	4

or CHEM 1212K	or Principles of Chemistry II	
Science MUST be in-sequence with previous semester's science.		
BIOL 2412K	Human Anatomy and Physiology II	4
ENGL 1102	English Composition II	3
PSYC 1101	General Psychology	3
	Semester Hours	**14**
Summer		
BIOL 2211K	Introduction to Microbiology	4
COHP 2120 or PSYC 2103	Growth and Development for Health Professions or Human Growth & Development	3
	Semester Hours	**7**
Sophomore Year		
Fall		
Health/Wellness Elective		1-2
NURS 2210	Pharmacology (BSN) [1]	3
NURS 2231	Fundamental Concepts of Professional Nursing (BSN) [1]	5
NURS 3510	Assessment in Health Care (BSN) [1]	3
MATH 1001 or MATH 1111	Quantitative Reasoning or College Algebra	3
	Semester Hours	**15-16**
Spring		
COMM 1000 or COMM 1100 or COMM 1110	Cultural Diversity in Communication or Human Communications or Public Speaking	2-3
Health/Wellness Elective (if applicable)		0-1
NURS 2331	Adult Health Nursing I (BSN) [1]	5
NURS 3320	Pathophysiology (BSN) [1]	3

Social Sciences Elective		3
	Semester Hours	**13-15**
Junior Year		
Fall		
MATH 2411	Introduction to Statistics	3
NURS 4131	Research (BSN) [1]	3
NURS 4342	Adult Health Nursing II (BSN) [1]	5
POLS 1101	American Government	3
	Semester Hours	**14**
Spring		
Area C	Elective (Foreign Lang./Appreciation)	3
Area E	Elective (U.S./World History)	3
NURS 3134	Pediatric Nursing (BSN) [1]	5
NURS 3136	Women's Health Nursing (BSN) [1]	5
	Semester Hours	**16**
Senior Year		
Fall		
Area C	Elective (Literature)	3
NURS 2601	Introduction to Geriatric Nursing (BSN) [1]	3
HIST 1002 or LEAD 1101 or POLS 1105	Introduction to the African Diaspora or Leadership Development or Current World Problems	2
NURS 3335	Mental Health Nursing (BSN) [1]	5
NURS 4140	Principles of Leadership and Management (BSN) [1]	2
	Semester Hours	**15**
Spring		

NURS 4240	Community Health Nursing (BSN) [1]	5
NURS 4345	Senior Comprehensive Nursing (BSN) [1]	5
NURS 4111	Directed Study [1]	3
	Semester Hours	**13**
	Total Semester Hours	**121-124**

[1] *Admission Criteria Apply*

Accelerated BSN Program (Fall Admission)

Junior Year		
Fall		**Semester Hours**
NURS 2231	Fundamental Concepts of Professional Nursing (BSN) [1]	5
NURS 2210	Pharmacology (BSN) [1]	3
NURS 3510	Assessment in Health Care (BSN) [1]	3
NURS 1232	Pre-Nursing Seminar	2
	Semester Hours	**13**
Spring		
NURS 2331	Adult Health Nursing I (BSN) [1]	5
NURS 3134	Pediatric Nursing (BSN) [1]	5
NURS 3320	Pathophysiology (BSN) [1]	3
	Semester Hours	**13**
Summer		
NURS 2601	Introduction to Geriatric Nursing (BSN) [1]	3
NURS 4131	Research (BSN) [1]	3
NURS 4240	Community Health Nursing (BSN) [1]	5
	Semester Hours	**11**

Senior Year		
Fall		
NURS 3335	Mental Health Nursing (BSN) [1]	5
NURS 4140	Principles of Leadership and Management (BSN) [1]	2
NURS 4342	Adult Health Nursing II (BSN) [1]	5
	Semester Hours	**12**
Spring		
NURS 3136	Women's Health Nursing (BSN) [1]	5
NURS 4111	Directed Study (NCLEX Prep) [1]	3
NURS 4345	Senior Comprehensive Nursing (BSN) [1]	5
	Semester Hours	**13**
	Total Semester Hours	**62**

[1] *Admission Criteria Apply*

Organizational Leadership, Bachelor of Science

This track prepares students for a career as a health administrator through the study of leadership issues specific to the healthcare industry. Health administrators may find employment in various areas including hospitals, long term care facilities, medical practices, outpatient centers, government agencies, insurance companies, pharmaceutical companies, and many more.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
The following courses are offered through eMajor to satisfy the Area F requirement, however, additional courses can also satisfy the requirement. Students should consult with their academic advisor when selecting Area F courses.		
ORGL 1100	Leadership in a Global Society	3
ORGL 1500	Profiles of Leaders	3
ORGL 2100	Writing for Leadership	3
ORGL 2601	Introduction to Public Administration	3
ORGL 2800	Ethics and Leadership	3
ORGL 2900	Program and Policy Evaluation for Leaders	3
General Electives		**18**
Requirements for the Major		
ORGL 2050	Communications for the Wrkplce	3
ORGL 3400	Technology for Organizations	3
POLS 4218	Project Mgmt in Public Sect.	3
ENGL 3405	Professional & Tech Writing	3
POLS 4200	Principles of Public Admin	3
POLS 4219	Public Human Resource Mgmt	3
POLS 4204	Public Finance	3

ORGL 3200	Intro to Organizational Dev	3
ORGL 3000	Reflective Seminar I	1
ORGL 3050	Reflective Seminar II	1
ORGL 4000	Reflective Seminar III	1
ORGL 4690	Capstone Seminar in ORGL	3
Upper Guided Electives (Select 4 courses from the following list)		**12**
HADM 3304	Health Care Communication	
HADM 4301	Designing Health Comm Msgs	
HADM 4402	Health Information Management	
HADM 4401	Healthcare Compliance	
HADM 3302	Health Care Economics	
HADM 3301	Health Care Organization	
HADM 3303	US Health Care Systems	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Courses in this track will cover areas that are fundamental to leadership in an office setting such as using office technology and equipment, office procedures and management, document processing and design, web technology for the office, communication skills, and decision making. Students who earn a degree in Organizational Leadership with a track in Office Administration & Technology will be prepared for various professional positions including administrative, support, supervisory, and managerial.

Core Curriculum for Non-STEM Majors (Areas A-E)	**42**

Area F: Courses Related to Major		
The following courses are offered through eMajor to satisfy the Area F requirement, however, additional courses can also satisfy the requirement. Students should consult with their academic advisor when selecting Area F courses.		
ORGL 1100	Leadership in a Global Society	3
ORGL 1500	Profiles of Leaders	3
ORGL 2100	Writing for Leadership	3
ORGL 2601	Introduction to Public Administration	3
ORGL 2800	Ethics and Leadership	3
ORGL 2900	Program and Policy Evaluation for Leaders	3
General Electives		**18**
Requirements for the Major		
ORGL 2050	Communications for the Wrkplce	3
ORGL 3400	Technology for Organizations	3
POLS 4218	Project Mgmt in Public Sect.	3
ENGL 3405	Professional & Tech Writing	3
POLS 4200	Principles of Public Admin	3
POLS 4219	Public Human Resource Mgmt	3
POLS 4204	Public Finance	3
ORGL 3200	Intro to Organizational Dev	3
ORGL 3000	Reflective Seminar I	1
ORGL 3050	Reflective Seminar II	1
ORGL 4000	Reflective Seminar III	1
ORGL 4690	Capstone Seminar in ORGL	3
Upper Guided Electives (Select 4 courses from the following list)		**12**

OATC 3700	Desktop Publishing	
OATC 4020	Virtual Office Technology	
OATC 3610	Web Design & Multimedia	
OATC 3150	Computer Operating Systems	
OATC 4810	Contemporary Skills	
OATC 4160	Admin Office Procedures	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

The track in public service will prepare students for employment in any area of the public sector including public safety (law enforcement, fire and rescue), state and local public administrators, non-profit management, and public relations to name a few.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
The following courses are offered through eMajor to satisfy the Area F requirement, however, additional courses can also satisfy the requirement. Students should consult with their academic advisor when selecting Area F courses.		
ORGL 1100	Leadership in a Global Society	3
ORGL 1500	Profiles of Leaders	3
ORGL 2100	Writing for Leadership	3
ORGL 2601	Introduction to Public Administration	3
ORGL 2800	Ethics and Leadership	3
ORGL 2900	Program and Policy Evaluation for Leaders	3

General Electives		**18**
Requirements for the Major		
ORGL 2050	Communications for the Wrkplce	3
ORGL 3400	Technology for Organizations	3
POLS 4218	Project Mgmt in Public Sect.	3
ENGL 3405	Professional & Tech Writing	3
POLS 4200	Principles of Public Admin	3
POLS 4219	Public Human Resource Mgmt	3
POLS 4204	Public Finance	3
ORGL 3200	Intro to Organizational Dev	3
ORGL 3000	Reflective Seminar I	1
ORGL 3050	Reflective Seminar II	1
ORGL 4000	Reflective Seminar III	1
ORGL 4690	Capstone Seminar in ORGL	3
Upper Guided Electives (Select 4 courses from the following list)		**12**
POLS 3601	Political Science Methods II	
POLS 3201	Public Policy	
POLS 4220	Administrative Law and Government	
POLS 4221	Gov. Org and Admin Theory	
POLS 4202	Interorganizational Behavior	
POLS 4215	Mgmt of Non-profit Orgs	
PHIL 4120	Professional Ethics	
POLS 4217	Grant Writing Nonprofit Orgs	
POLS 4210	Public Management	
ORGL 4900	Organizational Internship	

COMM 3330	Advanced Communication Skills	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Nursing, Post-Licensure Bachelor of Science (RN to BSN)

RN-to-BSN

The RN-to-BSN completion program is designed for students and working professionals who have already attained an Associate Degree in Nursing (ADN or ASN) and have subsequently earned their licensure as a Registered Nurse (RN) but who ultimately desire to earn their Bachelor of Science in Nursing (BSN). Students are admitted into this program for the Spring and Fall Semesters. Courses within this program are taken wholly online (that is, utilizing Albany State University's GeorgiaView via the Online/Distance Learning Division). Please be aware, however, that should a student enter the program with outstanding Core curriculum requirements, these course may need to be taken on-campus or online, as determined by the departments in which these courses originate.

The RN-to-BSN Completion program is a 2 consecutive semester (full-time) or 4-5 consecutive semester (part-time) online program for licensed RN's who reside in Georgia. This program expands on the associate degree curriculum, preparing the BSN graduate for roles across the life continuum to include leadership, health promotion, disease prevention, community health, and research. Albany State University's Department of Nursing follows the collaborative Georgia RN-to-BSN Articulation Model for Registered Nursing Students. The registered nurse articulating to the baccalaureate level will be awarded up to 33 semester hours accrued from their previous associate or diploma degree. These credits will be held in escrow until the baccalaureate candidate successfully completes at least 7 semester hours of nursing credit. Credits held in escrow will then be added to the student's transcript. This program culminates with the student earning a Bachelor of Science in Nursing, which prepares students with the knowledge and clinical skills to function as a beginning nurse, nurse manager, or leader within various healthcare settings. Additionally, our BSN graduates are prepared to enter graduate nursing programs in order to advance their careers, two of which are offered at this institution!

Admission Criteria: RN-to-BSN Program

NOTE: *The admission to the RN-to-BSN nursing program is a competitive admission. Students will be granted admission according to their qualifications and completeness of their application packet. Applicants must be admitted to the University prior to submitting application to the Department of Nursing.*

Applicants must:

1. **FIRST**, submit an application to Albany State University and be admitted in good standing.

2. **AFTER being accepted as a student** at Albany State University, submit the completed application, the $20.00 application fee money order, and a copy of their professional nursing license.
3. Be a graduate of an accredited associate nursing degree program.
4. Have a current, unrestricted U.S. Registered Nurse license.
    a. The new pre-licensed graduate associate degree nurse may register for the first semester of the RN-to-BSN program. These are the only nursing courses the pre-licensed associate degree graduate nurse may take in the nursing major prior to licensure.
5. Meet all admission criteria for Albany State University and be admitted in "good standing" with the University.
6. Core curriculum requirements:
    a. For completion of the RN-to-BSN program in 3 consecutive semesters of full-time matriculation after acceptance into the program, a student must have no more than 0 to 12 hours of core to complete.
    b. For completion of the RN-to-BSN program in 5 consecutive semesters of part-time matriculation after acceptance into the program, a student must have no more than 0 to 24 hours of core to complete.
    c. Have completed prerequisites of Introduction to Statistics (MATH 2411) and a sequence of one of the following Area D science classes:
        i. Introduction to Biological Sciences (BIOL 1111K) and Intro to Biological Sciences (BIOL 1112K), **OR**
        ii. Principles of Biology I (BIOL 2107K) and Principles of Biology II (BIOL 2108K), **OR**
        iii. Survey of Chemistry I (CHEM 1151K) and Survey of Chemistry II (CHEM 1152K), **OR**
        iv. Principles of Chemistry I (CHEM 1211K) and Principles of Chemistry II (CHEM 1212K)
7. Have a minimum 2.8 (based on a 4.0 scale) overall GPA on all course work attempted at all institutions attended. Admission is based on a competitive application process.
8. Applicant must not have been excluded/dismissed from any other nursing program for any reason, including (but not limited to) academic misconduct, disruptive/unprofessional behavior, or program failure.
9. Following acceptance into the nursing program, students must submit the following documentation prior to the last date to add courses for the semester ("Schedule Adjustment Days"). Students who do not meet this requirement will be dropped from the clinical nursing course.
    a. **Certificate of immunization**: Must be on file in Student Health Services indicating that all immunizations are current based on his/her age. Immunizations include Hepatitis B (or waiver), MMR, tetanus, varicella, flu, tuberculosis, and any other immunization(s) deemed necessary by the University and/or the clinical site.

b. **BLS card**: A current CPR (cardiopulmonary resuscitation) basic life support (BLS) card. All students must be **certified** by the American Heart Association (AHA) in child and adult BLS for health care providers. This certification must be maintained throughout the program (renewed every 2 years). An outdated CPR certification will prohibit the student from attending clinical practice experiences.

10. Following admission to the nursing program, students must submit the following documentation prior to the course's established pre-clinical deadline: malpractice insurance, proof of active health insurance (or enrollment into the student health insurance plan), a complete criminal background check, and a drug test at the expense of the student will be required. The criminal background check will be completed utilizing the following website: https://www.precheck.com/
11. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substance as a provided by the law or regulations of the contracting agency.
12. A student who has failed (D, F, or WF) two (2) nursing courses, whether at a 2-year or 4-year institution (including ASU) will not be eligible for admission or continuation in the nursing program at ASU. Students with no more than two (2) nursing failures may be considered for entry (or reentry) into the nursing program on a case-by-case basis only after a 5-year period has passed from the most recently-earned failure. Only one (1) nursing failure may be forgiven.
13. After successful completion of 8 semester hours of the RN-to-BSN Nursing program, 33 semester hours of equivalent credit for previous nursing courses will be awarded.

Program of Study: RN-to-BSN

Core Curriculum for Health Professions Majors (Areas A-E, Math 1111 preferred in Area A)		**43**
AREA F: COURSES RELATED TO MAJOR		
BIOL 2211K	Introduction to Microbiology	4
BIOL 2411K & BIOL 2412K	Human Anatomy and Physiology I and Human Anatomy and Physiology II	8
COHP 2120 or PSYC 2103	Growth and Development for Health Professions Human Growth & Development	3
AREA G: PROFESSIONAL NURSING COURSES (60 hours)		
Courses to be validated from previous ASN coursework [1]		**33**
NURS 2210	Pharmacology (BSN) [1]	
NURS 2231	Fundamental Concepts of Professional Nursing (BSN) [1]	

NURS 2331	Adult Health Nursing I (BSN) [1]	
NURS 3134	Pediatric Nursing (BSN) [1]	
NURS 3136	Women's Health Nursing (BSN) [1]	
NURS 3335	Mental Health Nursing (BSN) [1]	
NURS 4342	Adult Health Nursing II (BSN) [1]	
Additional Professional Nursing Courses		
NURS 3600	Nursing Informatics (RN-to-BSN)	3
NURS 3620	Pathophysiology for RNs (RN-to-BSN)	3
NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN)	3
NURS 3640	Health Assessment (RN-to-BSN)	3
NURS 3650	Health and Wellness of Aging (RN-to-BSN)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN)	4
NURS 4510	Research in Nursing (RN-to-BSN)	3
NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN)	5
Electives (12-16 hours)		
ALHE 1120	Medical Terminology	
COHP 2110	Nutrition	
NURS 3010	Junior Nursing Summer Externship	
NURS 4010	Senior Nursing Summer Externship	
NURS 4111	Directed Study	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [2]	2
Total Semester Hours		**121**

[1] Course hours validated. After successful completion of 8 semester hours of the RN to BSN program, 33 equivalent credit hours for previous nursing courses will be awarded.

[2] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Curriculum Pattern: RN-to-BSN

Full-Time Plan of Study (Fall Admission)

Senior Year		
Fall		**Semester Hours**
NURS 3620	Pathophysiology for RNs (RN-to-BSN) (A-Term)	3
NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN) (A-Term)	3
NURS 3600	Nursing Informatics (RN-to-BSN) (B-Term)	3
NURS 3640	Health Assessment (RN-to-BSN) (B-Term)	3
	Semester Hours	**12**
Spring		
NURS 3650	Health and Wellness of Aging (RN-to-BSN) (A-Term)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN) (A-Term)	4
NURS 4510	Research in Nursing (RN-to-BSN) (B-Term)	3
NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN) (B-Term)	5
	Semester Hours	**15**
	Total Semester Hours	**27**

Full-Time Plan of Study (Spring Admission)

Senior Year		
Spring		**Semester Hours**
NURS 3620	Pathophysiology for RNs (RN-to-BSN) (A-Term)	3

NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN) (A-Term)	3
NURS 3600	Nursing Informatics (RN-to-BSN) (B-Term)	3
NURS 3640	Health Assessment (RN-to-BSN) (B-Term)	3
	Semester Hours	**12**
Summer		
NURS 3650	Health and Wellness of Aging (RN-to-BSN) (A-Term)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN) (A-Term)	4
NURS 4510	Research in Nursing (RN-to-BSN) (B-Term)	3
NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN) (B-Term)	5
	Semester Hours	**15**
	Total Semester Hours	**27**

Part-Time Curriculum Pattern - Fall Admission

Junior Year		
Fall		**Semester Hours**
NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN) (A-Term)	3
NURS 3620	Pathophysiology for RNs (RN-to-BSN) (B-Term)	3
	Semester Hours	**6**
Spring		
NURS 3600	Nursing Informatics (RN-to-BSN) (A-Term)	3
NURS 3640	Health Assessment (RN-to-BSN) (B-Term)	3
	Semester Hours	**6**
Summer		
NURS 3650	Health and Wellness of Aging (RN-to-BSN) (A-Term)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN) (B-Term)	4

	Semester Hours	**7**
Senior Year		
Fall		
NURS 4510	Research in Nursing (RN-to-BSN) (A-Term)	3
NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN) (B-Term)	5
	Semester Hours	**8**
	Total Semester Hours	**27**

Part-Time Curriculum Pattern - Spring Admission

Junior Year		
Spring		**Semester Hours**
NURS 3630	Conceptual Basis of Professional Nursing (RN-to-BSN) (A-Term)	3
NURS 3620	Pathophysiology for RNs (RN-to-BSN) (B-Term)	3
	Semester Hours	**6**
Summer		
NURS 3600	Nursing Informatics (RN-to-BSN) (A-Term)	3
NURS 3640	Health Assessment (RN-to-BSN) (B-Term)	3
	Semester Hours	**6**
Fall		
NURS 3650	Health and Wellness of Aging (RN-to-BSN) (A-Term)	3
NURS 4500	Community/Public Health Nursing (RN-to-BSN) (B-Term)	4
	Semester Hours	**7**
Senior Year		
Spring		
NURS 4510	Research in Nursing (RN-to-BSN) (A-Term)	3

NURS 4520	Principles of Leadership and Nursing Ethics (RN-to-BSN) (B-Term)	5
	Semester Hours	**8**
	Total Semester Hours	**27**

Secondary Education, Bachelor of Science

Core Curriculum for Non-STEM Majors (Areas A-E)		42
Area F: Courses Related to Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [2]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
BIOL 2411K	Human Anatomy and Physiology I	4
BIOL 2412K	Human Anatomy and Physiology II	4
Area G: Physical Education		
PEDH XXXX	1000 to 2000-level PEDH Skill Courses	6
HHUP 2213	Introduction to Health & Human Performance	3
PEDH 3384	Adapted Physical Education and Diversity in Classroom	3
HHUP 3394	Theory & Psychology of Coaching	3
HHUP 3460	Kinesiology	3
HHUP 3470	Physiology of Exercise	3
PEDH 4480	Major Seminar & Practice	1
HHUP 4482	Tests & Measurements in Health & Human Performance	3
Area H: Health		
WELL 1161	Fitness I	2
EDUC 3350	Public School Health	3
HEDP 1166	Drugs and Drug Abuse	2
HEDP 1160	First Aid, CPR & AED Essential	2
HLTH 3660	Current Issues in Health	3

Area I: Education		
ECEC 3352	Health and Physical Education for Young Childeren	3
SPED 3231	Contemp Persp Students w/Excep	3
EDUC 2199	Orientation to Education	0
EDUC 3363	Methods and Materials in Physical Education [1]	3
EDUC 3401	Educ Preparation Practicum I [1]	2
EDUC 3402	Educ Preparation Practicum II [1]	2
EDUC 3403	Educ Preparation Practicum III [1]	2
	edTPA [2]	
EDUC 4412 or EDUC 4481 & EDUC 4482	Student Teaching in Senior High School [1] Internship in Secondary School and Internship in Secondary School	12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [3]	2
Total Semester Hours		**126**

[1] Students cannot take PEDH 4480 or 3000 to 4000-level courses in ECEC, EDUC, or SPED until admission to Teacher Education requirements have been met.

[2] Find information regarding edTPA here.

[3] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Graduation Requirements

- NON-CREDIT COURSE REQUIREMENTS
- PRAXIS I/GACE Basic
- PRAXIS II/GACE Content 115 and 116
- Admission to Teacher Education
- EDUC 2199 Orientation to TE

- Beginning School Experience
- CPC Requirements
- GRADUATION AUDIT

Core Curriculum for STEM Majors (MATH 1113 required for Area A2 and MATH 1211 required for Area D) [5]		**43**
Area F: Courses Related to Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [2]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
Area G: Methods/Curriculum/Content		
Education Courses		
SPED 3231	Contemp Persp Students w/Excep	3
EDUC 4405	Methods of Teaching Science in the Secondary School	3
EDUC 4451	Instruction and Assessment	3
Science Courses		
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
BIOL 2411K	Human Anatomy and Physiology I	4
BIOL 3101K	Environmental Biology	4
CHEM 2351K	Quantitative Analysis I	4
ISCI 3002	Integrated Earth and Space Sci	4
Choose ONE from the following:		*4*
BIOL 2211K	Introduction to Microbiology	

BIOL 3300K	General Botany I	
BIOL 3501K	Principles of Genetics	
BIOL 2412K	Human Anatomy and Physiology II	
Choose TWO from the following:		*8*
CHEM 2301K	Organic Chemistry I	
CHEM 2302K	Organic Chemistry II	
CHEM 3250K	Biochemistry I	
CHEM 2352K	Quantitative Analysis II	
Area H: Culminating Clinical Experience		
EDUC 2199	Orientation to Education	0
EDUC 3401	Educ Preparation Practicum I	2
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
	edTPA [4]	
EDUC 4412 or EDUC 4481 & EDUC 4482	Student Teaching in Senior High School Internship in Secondary School and Internship in Secondary School	12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		**126**

[1] Prerequisite is ENGL 1101

[2] Prerequisite is EDUC 2110

[3] Prerequisite is EDUC 2120

[4] Find information regarding edTPA here.

[5] The extra credit hour from MATH 1211 Calculus I will be counted as part of the degree program's electives.

[6] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major		
EDUC 2110	Investigating Critical and Contemporary Issues in Education [1]	3
EDUC 2120	Exploring Socio-Cult Perspective [1]	3
EDUC 2130	Exploring Teaching and Learning [3]	3
MATH 2008	Foundation Of Numbers And Oper	3
ENGL 2105 or ENGL 2406	Creative Writing Literary Forms	3
ENGL 2204	Advanced Composition	3
Area G - Major Requirements		
MGED 3315	Curriculum Needs and Characteristics of the Middle School Child	3
EDUC 4451	Instruction and Assessment	3
SPED 3231	Contemp Persp Students w/Excep	3
SPED 3307	Nat/Char of Stud w/Intel Disab	2
SPED 3312	Curr/Meth/Mat Tchng Adap Curr	2
SPED 3341	Curr/Trans Instr Tch Stu Dis	2
SPED 4401	Lrng Env Behav Mgmt Chd W/Disa	2
Reading Concentration		
ECEC 3322	Reading through Childrens Literature/Language Arts	3
ECEC 3355	Developmental Reading for Young Children	3
ECEC 4423	Corrective Reading in Early Childhood [4]	3
ECEC 4500	Remedial Reading: A Practicum [4]	3
Mathematics Concentration		

MATH 3000	Numbers and Their Applications	3
MATH 3005	Advanced Topics in Elementary Mathematics	3
MATH 3311	Geometry & Applications	3
MGED 3314	Mathematics in the Middle Grades	3
Area H: Culminating Clinical Experience		
EDUC 2199	Orientation to Education	0
EDUC 3401	Educ Preparation Practicum I	2
EDUC 3402	Educ Preparation Practicum II	2
EDUC 3403	Educ Preparation Practicum III	2
	edTPA [5]	
SPED 4450	Student Teaching in Special Education	12
or SPED 4471 & SPED 4472	Internship in Special Education I and Internship in Special Education II	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [6]	2
Total Semester Hours		**122**

[1] Prerequisite is ENGL 1101

[2] Prerequisite is EDUC 2110

[3] Prerequisite is EDUC 2120

[4] Prerequisite is ECEC 3355

[5] Find information regarding edTPA here.

[6] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Supply Chain and Logistics Management, Bachelor of Science

Consistent with the mission of the College of Business, the mission of the Supply Chain and Logistics Management Discipline is to prepare our students for professional careers in the fast growing sector of Supply Chain and Logistics. In addition to the overall college learning goals/objectives, students, upon successful completion of our program, should be able to demonstrate:

1. Technical competence in the Discipline's functional areas of
   - Transportation Management
   - Warehouse Management
   - Inventory Management
   - Supply Chain Information Systems
   - Supply Chain Systems Optimization
2. Familiarity with Enterprise Resource Management, Simulation, Optimization and other business software commonly used in Supply Chains.
3. Develop an Analytical Global view of Supply Chains in favor of the silo thinking that prevails in the sector today.

Supply Chain and Logistics Management Guide Sheet

Core Curriculum for Non-STEM Majors (Areas A-E) [1]		**42**
Area F: Courses Related to Major [3]		
ACCT 2101	Accounting Principles I	3
ACCT 2102	Accounting Principles II	3
MIST 2010	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics (if not taken in Area E)	3
ECON 2106	Principles of Microeconomics	3
BUSA 1105	Introduction to Business [2]	3

or MIST 2040	Communication for Management	
Area G: Business Majors [3]		
BUSA 3100	Business Internship I	3
BUSA 4105	International Business	3
ECON 3205	Economic and Business Statistics	3
FINC 3105	Foundations of Financial Management	3
MGMT 3105	Legal Enviroment of Business	3
MGMT 3106	Management Science and Operations Management	3
MGMT 4110	Organizational Behavior	3
MGMT 4205	Management Information Systems	3
MGMT 4199	Business Policy (Graduating Seniors Only)	3
MKTG 3120	Principles of Marketing	3
Area H: SCLM Majors [3]		
LOGM 3220	Supply Chain Management	3
LOGM 4210	Transportation Management	3
LOGM 4220	Introduction to Global Logistics	3
LOGM 4225	Warehouse Management	3
LOGM 4230	Logistics Information Systems	3
LOGM 4270	Global Supply Chain Management	3
Select 12 credit hours of free electives (grade of C or better required)		12
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [4]	2
Total Semester Hours		**123**

[1] Business majors are required to complete MATH 1111 College Algebra in Area A and MATH 1113 Pre-

Calculus in Area D with a minimum grade of "C".

2 Take both if ECON 2105 is taken in Area E.

3 Must earn C or better for all courses in Areas F, G, & H. The minimum GPA for graduation is 2.25. No more than 30 semester hours in traditional Business courses (excluding Economics) can be transferred to Areas F, G, and H.

4 The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Bachelor of Social Work (BSW)

Core Curriculum for Non-STEM Majors (Areas A-E)		**42**
Area F: Courses Related to Major (A grade of C or better is required for these courses)		
PSYC 1101	General Psychology	3
SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3
SOWK 1385	Careers in Social Work	3
SOWK 2412	Introduction to Social Work	3
SOWK 3300	Foundational Values and Ethics	3
Area G1 - Required Major Courses (A grade of C or better is required for these courses)		
SOWK 2310	Self Awareness	3
SOWK 3381	Human Behavior and the Social Environment	3
SOWK 3382	Human Behavior and Social Environment II	3
SOWK 3443	Interviewing & Recording *	3
Area G2 - Required Major Courses (A grade of B or better is required for these courses)		
SOWK 2211	Social Policy I (Formerly Social Welfare Policy and Services I) (Area G1:) *	3
SOWK 3211	Social Policy II (was Social Welfare Policy/Service II) *	3
SOWK 3441	Social Work Practice I *	3
SOWK 3442	Social Work Practice II *	3
SOWK 3444	Research Methods I *	3
SOWK 4306	Research II: Measurement in SOWK *	3
SOWK 4441	Social Work Practice III *	3
SOWK 4470	Field Intergrative Seminar *	3
SOWK 4472	Field Instruction *	12

Area G3: Major Electives (A grade of C or better is required for these courses)		**12**
SOWK 3275	Forensic Interviewing	
SOWK 3291	Family & Child Welfare Services	
SOWK 3210	Social Work Economics	
SOWK 3350	Social Gerontology	
SOWK 3353	Counseling the Aged	
SOWK 3383	Social Work with Families	
SOWK 3384	Children and the Law	
SOWK 3385	Social Work With Children	
SOWK 3391	Issues in International SOWK	
SOWK 3400	Mental Health Service	
SOWK 4292	Service Delivery Systems and the Aged	
SOWK 4293	Social Work in Health Care	
SOWK 4424	School Social Work Service	
SOWK 4310	Global Research	
SOWK 4450	Special Topics in Social Work	
SOWK 4460	International Social Welfare Policy	
SOWK 4494	Social Work & Chemical Depende	
SOWK 4495	Human Sexuality	
SOWK 4496	HIV/AIDS:Global Impact	
First-Year and Wellness Course Requirements Outside the Core		
ASU 1101	First Year Experience: Pathways to Success	1
HEDP, WELL	Health & Wellness Requirement [1]	2
Total Semester Hours		**123**

[1] The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

Educational Leadership Tier II, Educational Specialist

The Educational Specialist Program in Educational Administration and Supervision leads to a Specialist degree in Education (Ed.S) and a Tier II performance-based certification in the state of Georgia. Tier II, or advanced level certification, in the field of educational leadership prepares candidates for advanced leadership positions that include P-12 school level principals or the equivalent, superintendents, or other LUA staff who supervise principals. The program includes a personalized set of field and clinical experiences designed to assist students in developing a high level of knowledge, skills and dispositions as school principals, curriculum directors, subject area supervisors, central school district administrators and supervisory staff members.

The program is designed for persons who have a master's degree, master's level certification in Leadership and is in a leadership position in a P-12 school. A minimum of 27 semester hours of graduate credit beyond the Master's Degree is required to complete the program. Only those courses taken after admission to the Ed.S. program may be used to fulfill the requirements of the Ed.S. degree, which includes applicable transfer credits. Credits usable in the planned program must not be more than six years old at the time the degree is completed. A maximum of 6 semester credit hours of transfer credit from a Georgia Professional Standards Commission approved institution offering the performance-based Ed.S degree may be approved for inclusion in the planned Ed.S. Program.

Advisement

After the student has been admitted to the Ed.S. Program, the departmental chairperson will appoint an advisor. The advisor will assist the student in developing an individualized program that meets degree and certification requirements.

Program Completion

To be eligible for the Ed.S. Degree and recommendation for leadership certification by Albany State University, the student must have met the following requirements:

1. Fulfilled all requirements. (Applicable transfer credit must be approved during first semester of enrollment).
2. Complete useable credits within years of admission and completion.
3. A maximum of 6 semester hours of transfer credits from a Georgia Professional Standards Commission approved institution offering a performance-based Ed.S. degree may be approved for inclusion in the planned Ed.S. Program. Such credits must be approved by the chair of the department.

4. Only credits with grades of “B” or better are accepted in the Ed.S. Program.
5. The student’s Ed.S. program must include a minimum of 27 hours of course work with at least 50% of the course work being performance. This Includes a minimum of 750 clock hours of clinical experiences, performed at elementary, middle and high school and central office.
6. Except for a maximum of 6 semester hours of transfer work, all credits used in the Ed.S. program must be earned in residence at Albany State University
7. Successfully complete the Performance Assessment for School Leaders (PASL)

Admission Requirements

PHASE I

1. Minimum grade point average of 3.0.
2. Official transcripts from each college/university
3. Master's Degree
4. Certification in Educational Leadership (TIER I)
5. Minimum of three years of educational experience (teaching and/or leading).
6. Three recommendations with one from immediate supervisor.
7. Writing sample (Completed during orientation during first semester of enrollment).
8. Currently in a leadership position

* Please note: Submission of above documents does not guarantee admission to the program

PHASE II (Face-to-Face)

1. Invitation to participate.
2. Interview, i.e., individual, group.
3. In basket activities.
4. On-demand writing assessment.
5. Superintendent's Assurance Form.
6. District Partnership Agreement.

Program of Study

TIER II COHORT DEGREE PROGRAM (27 HRS)

LEAD 6001	Orientation and Introduction to School Leadership	1
LEAD 6006	Leading through Mission, Vision, and Core Values	2
LEAD 6011	Leading Through Professional Learning	2
LEAD 6016	Leading Through Teams and Collaborative Work	2
LEAD 6021	Clinical Practice 1	2
LEAD 6026	Leading School Improvement	2
LEAD 6031	Leading Teaching and Learning	2
LEAD 6036	Leading Through Organization and Management	2
LEAD 6041	Clinical Practice II	3
LEAD 6046	Leading a Culture that Supports Student Learning and Well-Being	2
LEAD 6051	Leading Through Family and Community Engagement	2
LEAD 6056	Leading and Advocating for Ethics and Equity	2
LEAD 6061	Clinical Practice III	3
LEAD 6199	Orientation to Educational Specialist Program [1]	0
Total Semester Hours		**27**

TIER II CERTIFICATE ONLY PROGRAM (21 HRS)

Certificate can only be added to an existing graduate certificate

Admissions Requirements same as required for admission to the 27 hour degree program.

LEAD 6001	Orientation and Introduction to School Leadership	1
LEAD 6006	Leading through Mission, Vision, and Core Values	2
LEAD 6011	Leading Through Professional Learning	2
or LEAD 6016	Leading Through Teams and Collaborative Work	
LEAD 6021	Clinical Practice 1	2
LEAD 6026	Leading School Improvement	2

LEAD 6031	Leading Teaching and Learning	2
LEAD 6036	Leading Through Organization and Management	2
LEAD 6041	Clinical Practice II	3
LEAD 6046	Leading a Culture that Supports Student Learning and Well-Being (OR LEAD 6051 OR LEAD 6056)	2
LEAD 6061	Clinical Practice III	3
LEAD 6199	Orientation to Educational Specialist Program [1]	0
Total Semester Hours		**21**

[1] Not needed if EDUC 2199 or EDUC 5199 completed.

this plan will be filed with the Graduate Admissions Office and the MBA Director's Office. An application for graduation must be completed at least one semester prior to the anticipated semester of graduation. The original copy of the approved degree program is to be submitted with the application for graduation. The graduation application is obtained from the Office of the Registrar.

Advisement

Upon admission to the program, each student will be advised by the MBA Director who, in consultation with the student, will plan the program of study and provide continued supervision and guidance.

MBA Orientation

New Students are required to attend an Orientation Session at the beginning of the semester (usually within the first two weeks).

MBA Degree Options

- General MBA (30 semester hours)
- MBA with Accounting Concentration (33 semester hours)
- MBA with Healthcare Management Concentration (33 semester hours)
- MBA with Supply Chain & Logistics Concentration (33 semester hours)
- MBA with Public Administration Concentration (30 semester hours)

MBA Prerequisites

All students without a Bachelor of Science Degree in Business Administration or with a Bachelor of Science Degree in Business Administration which is more than five years old, need to take and pass the In-Bound Entrance Exam offered by Peregrine Assessments. If the student is unsuccessful in earning a passing grade in any of the modules (consisting of management, quantitative analysis, finance and accounting, economics and marketing), he/she must complete Peregrine's Academic Leveling Courses before registering for the MBA courses.

Academic Standing

The College of Professional Studies is committed to offering high-quality, academically rigorous graduate degree courses in Business Administration. A minimum of a 3.0-grade point average is required for graduation. A student who does not maintain a 3.0 GPA will be placed on scholastic warning. The Dean of the Graduate School will issue an official warning. A grade of "D" in any MBA course is unacceptable, and the course must be repeated.

MBA Capstone Project

A critical component of the MBA curriculum constitutes the MBA Capstone Project. Students entering the program effective Fall 2015, are required to complete an MBA Capstone Project and present it before the faculty and/or area business professionals in their final graduating semester. The Capstone project should demonstrate the ability to integrate knowledge gained from the courses completed and apply it to a practical business-related problem.

Scholastic Termination

An MBA student's enrollment will be terminated from the program for any one of the following reasons:

- Failure to achieve a 3.0 cumulative GPA by the end of the next nine semester hours of enrollment immediately following scholastic warning;
- Failure to achieve a grade of "B" or better in each course for the first nine semester hours taken under provisional admission status;
- Earning an "F" in any graduate MBA course;
- Failure to earn a grade higher than "D" in the first re–attempt of a course in which a grade of D was made;
- Failure to complete and pass the MBA Capstone Project. (Students have two chances to pass the MBA Capstone before termination is affected.)

Credit Load

The normal MBA course load is 6 hours per semester with full-time students taking 12 hours. Authorization from the Dean of the College of Professional Studies is required for a course load above 12 semester hours.

Time Limit for Completion of Degree

The maximum time allowed for the completion of the MBA degree is six (6) calendar years from admission into the program under either provisional or regular status. Students inducted into military service, or subjected to other circumstances beyond their control, may apply to the Dean of the College of Professional Studies for an extension of time.

Transfer and Other Credit

A minimum of 27 semester hours of the Master's degree program required courses must be earned in coursework offered by Albany State University. All graduate programs require a minimum of 30 semester hours. A maximum of six credit hours of graduate-level work may be transferred from another accredited institution to the MBA program for the purpose of partially fulfilling requirements for the MBA degree. All transfer and other credits are subject to the following requirements:

- For graduate level courses, only those in which a grade of "B" or better was earned and coursework offered for transfer credit must not have been used in fulfillment of another degree.
- At the time of application, a petition for transfer credit must be filed with the MBA director along with a copy of the course description for the institution's academic catalog.
- The graduate program required course must be less than 6- year-old by date of graduation.

MBA, General Curriculum (30 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MKTG 6170	Marketing Management	3
Select any three (3) 6000 Level Management Electives		9
BUSA 6105	International Business	

MGMT 6105	The Legal Enviroment of Business	
MGMT 6120	Leadership	
MGMT 6125	Human Resource Management	
MGMT 6127	Small Business Management and Entrepreneurship	
Total Semester Hours		30

General MBA Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MKTG 6170	Marketing Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6000 Level Elective		3
	Semester Hours	12
Spring		
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
ECON 6106	Economics for Managers	3
MGMT 6000 Level Elective		3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
MGMT 6000 Level Elective		3
	Semester Hours	6
	Total Semester Hours	30

Management Electives

Code	Title	Semester Hours
BUSA 6105	International Business	3
MGMT 6105	The Legal Enviroment of Business	3
MGMT 6120	Leadership	3
MGMT 6125	Human Resource Management	3
MGMT 6127	Small Business Management and Entrepreneurship	3

MBA, Accounting Curriculum (33 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
FINC 6101	Financial Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MGMT 6108	Quantitative Methods for Managers	3
MKTG 6170	Marketing Management	3
Required Accounting Electives		
ACCT 6102	Managerial/Cost Accounting II	3
ACCT 6112	Advanced Auditing I	3
ACCT 6131	Advanced Accounting I	3
ACCT 6141	Municipal Accounting	3
Total Semester Hours		33

Accounting MBA Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MKTG 6170	Marketing Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
ACCT 6000 Level Elective		3
	Semester Hours	12
Spring		
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
ECON 6106	Economics for Managers	3
ACCT 6000 Level Elective		3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
ACCT 6000 Level Elective		3
ACCT 6000 Level Elective		3
	Semester Hours	9
	Total Semester Hours	33

Accounting Electives

Code	Title	Semester Hours
ACCT 6102	Managerial/Cost Accounting II	
ACCT 6112	Advanced Auditing I	
ACCT 6141	Municipal Accounting	
ACCT 6131	Advanced Accounting I	

MBA, Healthcare Curriculum (33 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
MGMT 6108	Quantitative Methods for Managers	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MKTG 6170	Marketing Management	3
PADM 5321	Foundations of Health Care Finance	3
Required Healthcare Electives		
MGHC 6000	Quality Management and Leadership in Healthcare	3
MGHC 6108	Advanced Health Policy and Legal Issues	3
MGHC 6240	Research in Healthcare and Evaluation	3
MGHC 6300	Health Information Systems	3
Total Semester Hours		33

Healthcare MBA Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MKTG 6170	Marketing Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGHC 6000 Level	Elective	3
	Semester Hours	12
Spring		
ECON 6106	Economics for Managers	3
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
MGHC 6000 Level	Elective	3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
MGHC 6000 Level	Elective	3
MGHC 6000 Level	Elective	3
	Semester Hours	9
	Total Semester Hours	33

Healthcare Electives

Code	Title	Semester Hours
MGHC 6108	Advanced Health Policy and Legal Issues	
MGHC 6300	Health Information Systems	
MGHC 6240	Research in Healthcare and Evaluation	
MGHC 6000	Quality Management and Leadership in Healthcare	

MBA, Supply Chain & Logistics Curriculum (33 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MKTG 6170	Marketing Management	3
Required Supply Chain & Logistics Electives		12
LOGM 6101	Global Supply Chain Management	
LOGM 6105	Procurement and Contract Management	
LOGM 6111	Analytical Methods in Supply Chain Analysis	
LOGM 6113	Advanced Quality Management [1]	
Total Semester Hours		33

[1] Must be Lean Six Sigma Green Belt certified and have taken MGMT 6108 prior to taking LOGM 6113

Supply Chains & Logistics MBA Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MKTG 6170	Marketing Management	3
MGMT 6110	Organizational Behavior and Effectiveness	3
LOGM 6000 Level	Elective	3
	Semester Hours	12
Spring		
FINC 6101	Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
ECON 6106	Economics for Managers	3
LOGM 6000 Level	Elective	3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
LOGM 6000 Level	Elective	3
LOGM 6000 Level	Elective	3
	Semester Hours	9
	Total Semester Hours	33

Supply Chain & Logistics Electives

Code	Title	Semester Hours
LOGM 6101	Global Supply Chain Management	
LOGM 6105	Procurement and Contract Management	
LOGM 6111	Analytical Methods in Supply Chain Analysis (MGMT 6108 prerequisite)	
LOGM 6113	Advanced Quality Management	

MBA, Public Administration Curriculum (30 Semester Hours)

Code	Title	Semester Hours
ACCT 6101	Accounting Analysis for Decision Making	3
ECON 6106	Economics for Managers	3
PADM 5302	Public Budgeting & Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MGMT 6199	Business Policy and Strategic Management	3
MKTG 6170	Marketing Management	3
Select any three (3) 5000 Level Public Administration Electives		9
PADM 5011	Public Administration: Scope, Development, and Ethical Environment	
PADM 5200	The Administrative State	
PADM 5501	Management Information Systems (MIS) for Public Management	
PADM 5781	Introduction to Public Policy [1]	
Total Semester Hours		30

[1] This course is recommended as a requirement.

MBA-Public Administration Program of Study

Course	Title	Semester Hours
Fall		
ACCT 6101	Accounting Analysis for Decision Making	3
MGMT 6110	Organizational Behavior and Effectiveness	3
MKTG 6170	Marketing Management	3
PADM Level Elective		3
	Semester Hours	12
Spring		
ECON 6106	Economics for Managers	3
PADM 5302	Public Budgeting & Financial Management	3
MGMT 6108	Quantitative Methods for Managers	3
PADM Level Elective		3
	Semester Hours	12
Summer		
MGMT 6199	Business Policy and Strategic Management	3
PADM Level Elective		3
	Semester Hours	6
	Total Semester Hours	30

Public Administration Electives

Code	Title	Semester Hours
PADM 5011	Public Administration: Scope, Development, and Ethical Environment	
PADM 5200	The Administrative State ((Required))	
PADM 5501	Management Information Systems (MIS) for Public Management	
PADM 5781	Introduction to Public Policy	

ACCT 5200. Accounting/Financial Management Concepts. (1 Credit)
An overview course of financial and managerial accounting and financial management. This is an accelerated prerequisite MBA course for ACCT 6102 and FINC 6101. Waivers will be granted to students who have completed ACCT 2101, ACCT 2102, and FINC 3105 or equivalent courses with grades of "C" or better.

ACCT 6000. Internship in Accounting. (6 Credits)
Provides an opportunity for students to gain practical experience while working in a business or govenmental agency. Students are required to work full-time in their area of concentration during a summer term or semester. Intership is coordianted by a faculty member and spervised by an approved business supervisor. A final report and oral presentation are required. The course final grade is "S"(satifactory performance) or "U" (unsatisfactory performance).

ACCT 6101. Accounting Analysis for Decision Making. (3 Credits)
This course is designed to familiarize the student with applications of accounting data in decision making; cost analysis as applied in the development of budgets; and standards as an accounting tool for cost control and pricing. A case problem that requires students to interpret and discuss their analysis in the context of managerial decision-making is used. Offered: Fall.

ACCT 6102. Managerial/Cost Accounting II. (3 Credits)
This is a study of budgeting, standard costing, cost-volume profit analysis, performance evaluation, and variable costing. also covers new developments in the area of costing Prerequisite: ACCT 6101. Offered: Spring .

ACCT 6106. Tax Reasearch. (3 Credits)
A course designed to apply the concepts learned in Tax Accounting I. Library research and case analysis are used to develop a deeper understandig of income tax applications. Prerequisite: ACCT 4121.

ACCT 6107. Accounting Theory. (3 Credits)
The study of the conceptual theory underlying accounting and the development of accounting principles within conceptual theory. Emphasis is placed on accounting objectives and the cost, revenue, income, asset, and equity concepts. Prerequisites: ACCT 3102. Offered: Fall .

ACCT 6108. International Accounting. (3 Credits)
A study of the international dimension of accounting as it relates to the multinational corporation and the international environment. Prerequisite: ACCT 2102.

ACCT 6112. Advanced Auditing I. (3 Credits)
A detailed study of audit procedures includes audit sampling, tests of controls, and substantive tests. Prerequisite: ACCT 6101. Offered: Summer .

ACCT 6122. Tax Accounting II. (3 Credits)
The study of the income tax law regarding the alternative minimum tax, property transactions, corporations, partnerships, estates and trusts, and the gift and estate tax. Prerequisite: 4121.

ACCT 6131. Advanced Accounting I. (3 Credits)
This course is a study of financial accounting and reporting related to partnerships, branches, segmental and interim reporting. Prerequisite: ACCT 6101. Offered: Fall .

ACCT 6132. Advanced Accounting II. (3 Credits)
Financial accounting and reporting related to business combinations and consolidations and for foreign operations. Prerequisite: ACCT 3103.

ACCT 6141. Municipal Accounting. (3 Credits)
Fund theory, generally accepted accounting principles, and accounting practice and reporting for state and local governments. Prerequisite: ACCT 6101. Offered: Summer .

ACCT 6142. Not-For-Profit Accounting. (3 Credits)
This course covers fund theory, generally accepted accounting principles, and accounting practice and reporting for hospitals, colleges and universities, and other not-for profit entities. Prerequisite: ACCT 6141.

BUSA 6100. Independent Study In Business Administration. (3 Credits)
Special research projects underaken by MBA students under the directionof the MBA graduate faculty. Students are required to conduct independant research and write scholarly papers.

BUSA 6105. International Business. (3 Credits)
Introduction to international business and teh multinational corporation. Topics include development of international business, the institutional and economic environment of global business, legal and socioeconomic factors affecting multinational corporations, and the planning and operation of international business. Offered: Spring.

Courses Required for Certification and Degree Programs

Area A: Foundations (21 Hours)		
COUN 5000	Introduction to Counseling Profession	3
COUN 5500	Theories of Counseling	3
COUN 5501	Lifespan Development	3
COUN 5520	Multicultural Counseling Theory and Practice	3
COUN 5540	Prevention, Intervention, and Consultation	3
COUN 5600	Legal and Ethical issues in Counseling	3
COUN 5610	Crisis Counseling and Intervention	3
EDUC 5199	Orientation to Adv Prof Educ	0
Area B: Nature of the Learner (12-15 Hours)		**12-15**
School Counseling		
COUN 5506	School Counseling Foundations	
COUN 5514	Counseling Children and Adolescents	
COUN 5528	School Counseling P-12	
COUN 5529	School Counseling Curriculum and Program Coordination (Clinical Mental Health)	
SPED 5501	Exceptional Child	
Clinical Mental Health Counseling		
COUN 5508	Introduction to Mental Health Counseling	
COUN 5560	Diagnosis and Treatment	
COUN 5561	Psychopharmacology	
COUN 5519	Addiction Counseling	
Clinical Rehabilitation Counseling		

COUN 5504	Foundations of Rehabilitation Counseling	
COUN 5550	Medical and Psychosocial Aspects of Disability I	
COUN 5525	Case Management	
COUN 5532	Vocational Development and Placement	
Area C: Clinical Skills (21 Hours)		
COUN 5512	Counseling Strategies and Techniques	3
COUN 5515	Group Counseling and Dynamics	3
COUN 5517	Couples and Family Counseling	3
COUN 5531	Career Development and Counseling	3
COUN 5570	Practicum	3
COUN 5595	Internship	3
COUN 5598	Internship II	3
Area D: Research (6 Hours)		
Select 6 semester hours from the following:		6
COUN 5510	Assessment in Counselor Education	
COUN 5620	Research and Program Evaluation for Counselors	
COUN 5596	Thesis	
Area E: Electives		
COUN 5001	Introduction to Professional Writing	
COUN 5002	Professional Issues in Counseling	
COUN 5551	Medical and Psychosocial Aspects of Disability II	
COUN 5575	Selected Topics in Counseling	
Any Area B course in a different specialization may be used here.		
Total Semester Hours		**60-63**

Early Childhood Education, Master of Education

This program leads to the T-5 certification in Early Childhood Education and is designed to prepare master teachers to work with children in grades PreK-5. This program also provides knowledge and skills for teachers to serve in leadership roles in curriculum development, supervision and research in the field of Early Childhood Education.

The purpose of the M.Ed. in Early Childhood Education is to promote leadership for PreK-5 populations. Candidates complete 36 hours of courses designed to augment resourceful and imaginative problem-solving skills for PreK-5 populations. All classes implement the College of Education's conceptual framework: Reflective transformative practitioner, culturally-responsive practitioner, technologically-competent practitioner. Candidates have to be admitted by the Graduate Admissions Office before being admitted into the program.

Objectives

The objectives of the Master's of Education program in Early Childhood Education is to provide teachers with the opportunities to:

I. Use teaching practices that align with current research

2. Expand their knowledge and skills in a chosen area of educational interest;

3. Present academically-challenging instructions to PreK-5 to students;

4. Integrate new materials and methods of teaching practices for diverse PreK-5 populations;

5. Encourage interest in conducting research;

6. Increase competencies in research techniques; and

7. Encourage relevant action research, which they can use to become more effective in their classrooms.

Comprehensive Examination

The purpose of the comprehensive examination is to assess the student's knowledge of learning experiences that have been introduced in the M.Ed. degree in Early Childhood Education program. The exam will address specific objectives from the middle grades curriculum and both content concentrations.

In partial fulfillment of the M.Ed., in Early Childhood Education, students are required to pass a comprehensive examination. This examination is administered the semester of expected graduation or upon completion of required coursework. A student is eligible to take the comprehensive examination only if his/her grade-point average is 3.0 or higher and no course grade is lower than "B" in Area C of the program. Students may not take the comprehensive examination more than once in an academic semester. A third failure on the comprehensive examination results in automatic termination from the degree program.

Admissions Requirements

Admission to the Early Childhood Education Program requires an undergraduate degree in Early Childhood Education, or the equivalent, from an accredited college. In addition, the following is required

- a clear renewable state of GA teaching certificate in the discipline
- three letters of recommendations
- writing sample
- College of Education Disposition Statement

If students lack a sufficient background in Early Childhood Education, they may be required to take additional undergraduate courses before beginning the M.Ed. program in Early Childhood Education. Students are also governed by the general admission procedures and requirements for the graduate school and the M.Ed. degreeprogram, and they may matriculate in the Early Childhood Education program under the same categories of admission.

PROGRAM OF STUDY

AREA A: Nature of the Learner and Behavior Problems (3 Hours)		**3**
SPED 5501	Exceptional Child	
SPED 5542	Behavior Modification for Special Education Students	
EDUC 5550	Foundation Principles in Education, Growth Development	
AREA B: Programs and Problems of the School (3 Hours)		**3**
EDUC 5504	History of Education	
EDUC 5540	Curriculum Principles	
EDUC 5509	Philosophy of Education	

AREA C: Teaching Field (18 Hours)		
ECEC 5512	Cultural Diversity In Early Childhood Education	3
ECEC 5525	Mathematical Experiences for Young Children	3
ECEC 5527	Science Experiences for Young Children	3
ECEC 5550	Social Studies in Early Childhood Education	3
EDRG 5594	Introduction to Theory & Pedagogy in Reading Education	3
ECEC 5509	Theories, Design, and Program Development In Early Childhood Education	3
EDUC 5199	Orientation to Adv Prof Educ [1]	0
AREA D: Educational Research (Minimum 3 Hours)		**3**
EDUC 5500	Educational Statistics [2]	
EDUC 5502	Action/Classroom Research	
EDUC 5592	Applied Research in Teacher Education	
AREA E: Teaching Field/Electives (minimum 9 Hours)		**9**
EDUC 5500	Educational Statistics	
EDUC 5000	Professional Development for Accomplished Educators	
ECEC 5500	Early Childhood Development	
ECEC 5518	Issues in Early Childhood Education	
Total Semester Hours		**36**

[1] Required course

[2] Prerequisite for EDUC 5502

Educational Leadership Tier I, Master of Education

Degree Program

The graduate program in Educational Administration & Supervision leads to a Master's Degree and Tier I Certification in Leadership. The M.Ed. planned degree program lists a minimum of 33 semester hours of coursework and clinical experience to be completed within six years from the date of enrollment. A maximum of nine semester hours may be earned as transfer credits. These credits must be indicated on the student's planned program during the first semester of enrollment as a graduate student admitted in full status. Students are expected to confer with their advisor each semester. They should complete and sign the planned program with their advisor. In advance of the expected date of graduation, the student is expected to apply for graduation with the Office of the Registrar, as well as certificate upgrade in the education office.

Both degree & certification only Tier I Leadership Programs prepare candidates for advanced leadership positions that include P-12 school level positions below the principal and district level positions that do not supervise principals.

ADVISEMENT

After the student has been admitted to the Master's Program, the departmental chairperson will appoint an advisor. The advisor will assist the student in developing an individualized program that meets degree and certification requirements.

PROGRAM COMPLETION

To be eligible for the Master's Degree and recommendation for leadership certification by Albany State University, the student must have met the following::

1. Fulfilling requirements after admission to the program. Transfer credits must be approved during first semester of enrollment.
2. Complete useable credits within six years of admission and completion.
3. A maximum of 9 semester hours of transfer credits from a Georgia Professional Standards Commission approved institution offering a Master's Degree may be approved for inclusion in the planned Master's Program. Such credits must be approved by the chair of the department.
4. Only credits with grades of “B” or better are accepted in the Master's Program.
5. The student’s master's program must include a minimum of 33 hours of course work. This includes a minimum of 250 clock hours of clinical experiences, performed at elementary, middle

and high school levels.

6. Except for a maximum of 9 semester hours of transfer work, all credits used in the Master's Program must be earned in residence at Albany State University.
7. Successful completion of the GA Ethics for Educational Leadership Assessment Entry Exam (370).
8. Successful completion of the GA Ethics for Educational Leadership Assessment Exit Exam (380).
9. Successful completion of the GACE Educational Leadership Content Assessment (301).

Admission Requirements

The candidate must have:

1. 2.5 minimum overall undergraduate grade point average (GPA).
2. 3.0 minimum cumulative graduate grade point average
3. Initial teaching certification. (Applicants without initial Georgia Certification must complete additional requirements).
4. Three letters of recommendations with one from immediate supervisor.
5. Three years of educational experience.
6. Evidence of successful completion of GACE Program Admission, usually satisfied with initial certificate. **(Applicant's not meeting this requirement will be admitted provisionally and required to satisfy the requirement during their first semester of enrollment)**

7. Evidence of the GA Ethics for Educational Leadership Assessment Entry Examination (370). **(Applicants not meeting this requirement will be admitted provisionally and required to satisfy the requirement during their first semester of enrollment)**

8. Evidence of meeting special education requirement. **(Applicants not meeting this requirement will be admitted provisionally and required to satisfy the requirement during their first semester of enrollment).**

LEAD 5505	Introduction to Leadership	3
LEAD 5512	Integrating Technology I For Educational Leadership	3
LEAD 5525	School & Community Partnership	3
LEAD 5535	Ethical & Legal Aspects of Edu	3

LEAD 5545	Curriculum, Instructional Leadership & School Improvement	3
LEAD 5555	Preparing Educational Leaders for Diversity	3
LEAD 5575	Managing Human & Fiscal Resources in Schools	3
LEAD 5585	School Safety, School-wide Discipline & Classroom Management	3
EDUC 5500	Educational Statistics	3
EDUC 5502	Action/Classroom Research	3
SPED 5547 or SPED 5501	Behavior Management of Exceptional Children Exceptional Child	3
EDUC 5199	Orientation to Adv Prof Educ	0
Total Semester Hours		**33**

TIER I MASTER'S CERTIFICATION ONLY 18 semester hrs.

(Certificate can only be added to an existing master's, six or seven year certificate)

Admission Requirements same as required for admission to the 33 semester hour degree program

LEAD 5505	Introduction to Leadership	3
LEAD 5535	Ethical & Legal Aspects of Edu	3
LEAD 5545	Curriculum, Instructional Leadership & School Improvement	3
LEAD 5555	Preparing Educational Leaders for Diversity	3
LEAD 5575	Managing Human & Fiscal Resources in Schools	3
LEAD 5585	School Safety, School-wide Discipline & Classroom Management	3
EDUC 5199	Orientation to Adv Prof Educ	0
Total Semester Hours		**18**

Middle Grades Education, Master of Education

This program leads to the T-5 certification in Middle Grades Education and is designed to prepare master teachers to work with children in grades 4-8. This program also provides knowledge and skills for teachers to serve in leadership roles in curriculum development, supervision and research in the field of Middle Grades Education.

The purpose of the M.Ed. in Middle Grades Education is to promote leadership for 4-8 populations. Candidates complete 36 hours of courses designed to augment resourceful and imaginative problem-solving skills for 4-8 populations. All classes implement the College of Education's conceptual framework: Reflective transformative practitioner, culturally-responsive practitioner, technologically-competent practitioner. Candidates have to be admitted by the Graduate Admissions Office before being admitted into the program.

Objectives of the Program

The basic objective of the Master's of Education program in Middle Grades Education is to provide teachers with the opportunity to:

1. Compare their teaching practices with current research based practices and make changes where necessary;
2. Extend their knowledge and skills in a chosen area of educational interest;
3. Present intellectually challenging thoughts and practices to students;
4. Integrate new materials and methods of teaching into students' teaching repertoire;
5. Encourage interest in conducting research;
6. Increase competencies in research techniques; and
7. Increase students' ability to recognize relevant research, which they can use to become more effective in their classrooms.

Comprehensive Examination

In partial fulfillment of the M.Ed., in Middle Grades Education, students are required to pass a comprehensive examination. This examination is administered the semester of expected graduation or upon completion of required coursework. A student is eligible to take the comprehensive examination only if his/her grade-point average is 3.0 or higher and no course grade is lower than "B" in Area C of the program. Students may not take the comprehensive examination more than

once in an academic semester. A third failure on the comprehensive examination results in automatic termination from the degree program.

The purpose of the comprehensive examination is to assess the student's knowledge of learning experiences that have been introduced in the M.Ed. degree in Middle Grades Education program. The exam will address specific objectives from the middle grades curriculum and both content concentrations.

Admission to the Program

Admission to the Middle Grades Education Program requires an undergraduate degree in Middle Grades Education, or the equivalent, from an accredited college. In addition, the following is required

- a clear renewable state of GA teaching certificate in the discipline
- three letters of recommendations
- writing sample
- College of Education Disposition Statement

If students lack a sufficient background in Middle Grades Education, they may be required to take additional undergraduate courses before beginning the M.Ed. program in Middle Grades Education. Students are also governed by the general admission procedures and requirements for the graduate school and the M.Ed. degree program, and they may matriculate in the Middle Grades Education program under the same categories of admission.

Program of Study

Area A: Nature of the Learner and Behavior Problems		
Select a minimum of 3 semester hours of the following:		3
SPED 5501	Exceptional Child	
SPED 5542	Behavior Modification for Special Education Students	
EDUC 5550	Foundation Principles in Education, Growth Development	
Area B: Programs and Problems of the School		
Select a minimum of 3 semester hours of the following:		3
EDUC 5504	History of Education	

EDUC 5509	Philosophy of Education	
EDUC 5540	Curriculum Principles	
Area C: Teaching Field		
EDUC 5199	Orientation to Adv Prof Educ (Required)	0
Select a minimum of 9 semester hours from primary area and 9 semester hours from secondary area		18
Mathematics		
MGED 5530	Mathematics Concepts for Middle Childhood Education	
MGED 5532	Methods and Materials of Teaching Middle Grades Mathematics	
MATH 5311	Geometry of Teachers***	
MATH 5202	Technology -Oriented Mathematics	
Language Arts		
MGED 5520	Language Arts Concepts for Middle Childhood	
EDRG 5594	Introduction to Theory & Pedagogy in Reading Education	
EDRG 5595	Diagnostic & Prescriptive Procedures in Reading Education	
EDRG 5596	Content Area Literacy	
ENGL 5615	Adv Exposition	
Science		
ISCI 5500	Integrated Earth Science	
ISCI 5530	Integrated Physical Science I	
ISCI 5531	Integrated Physical Science II	
ISCI 5515	Selected Topics in Biology	
EDUC 5570	Strategies of Instruction in Science	
Social Science		
SSCI 5580	Social Studies Concepts and Issues	

SSCI 5583	Social Studies for Global Understanding	
SSCI 5581	Methods/Material - Soc Studies	
Area D: Educational Research and Statistics (minimum 3 hrs)		**3**
EDUC 5500	Educational Statistics [1]	
EDUC 5502	Action/Classroom Research	
EDUC 5592	Applied Research in Teacher Education	
Area E: Educational Electives (minimum of 9 hours to be selected with advisor)		
Select 9 semester hours from the following:		*9*
MGED 5541	Nature and Curriculum Needs of the Middle Grades Student	
EDUC 5000	Professional Development for Accomplished Educators	
SPED 5501	Exceptional Child	
SPED 5512	Characteristics of Children and Youth with Mild Learning, Intellectual, or Behavioral Disabilities	
Total Semester Hours		**36**

Secondary Education, Master of Education

This program leads to the T-5 certification in mathematics education (6-12), English education (6-12), and science education (6-12). This program also provides knowledge and skills for teachers to serve in leadership roles in curriculum development, supervision and research in the fields of Secondary Education.

The purpose of the M.Ed. Secondary Education is to promote leadership for all populations. Candidates complete 36 hours of courses designed to augment resourceful and imaginative problem-solving skills for all populations. All classes implement the Department of Teacher Education's conceptual framework: Reflective transformative practitioner, culturally-responsive practitioner, technologically-competent practitioner. Candidates have to be admitted by the Graduate Admissions Office before being admitted into the program.

Objectives of the Program

The basic objective of the Master's of Education program in Secondary Education is to provide teachers with the opportunity to:

1. Compare their teaching practices with current research based practices and make changes where necessary;
2. Extend their knowledge and skills in a chosen area of educational interest;
3. Present intellectually challenging thoughts and practices to students;
4. Integrate new materials and methods of teaching into students' teaching repertoire;
5. Encourage interest in conducting research;
6. Increase competencies in research techniques; and
7. Increase students' ability to recognize relevant research, which they can use to become more effective in their classrooms.

Comprehensive Examination

In partial fulfillment of the M.Ed. in Secondary Education, students are required to pass a comprehensive examination. This examination is administered the semester of expected graduation or upon completion of required coursework. A student is eligible to take the comprehensive examination only if his/her grade-point average is 3.0 or higher and no course grade is lower than "B" in Area C of the program. Students may not take the comprehensive examination more than

once in an academic semester. A third failure on the comprehensive examination results in automatic termination from the degree program.

The purpose of the comprehensive examination is to assess the student's knowledge of learning experiences that have been introduced in the M.Ed. degree in Secondary Education program. The exam will address specific objectives from the secondary curriculum and the content concentration.

Admission to the Program

Admission to the Secondary Education Program requires an undergraduate degree in one of the areas, or the equivalent, from an accredited college, and satisfactory scores on the Graduate Record Examination or Miller Analogies Test. When students lack a sufficient background in Secondary Education, they may be required to take additional undergraduate courses before beginning the M.Ed. program in Secondary Education. Students are also governed by the general admission procedures and requirements for the M.Ed. degree program, and they may matriculate in the Secondary Education program under the same categories of admission.

AREA A: Nature of the Learner and Behavior (minimum 3 hrs)		**3**
SPED 5501	Exceptional Child [1]	
SPED 5542	Behavior Modification for Special Education Students	
PSYC 5515	Educational Psychology	
AREA B: Programs and Problems of the School (minimum 3 hrs)		**3**
EDUC 5504	History of Education	
EDUC 5509	Philosophy of Education	
EDUC 5540	Curriculum Principles	
AREA C: Teaching Field		**18**
EDUC 5199	Orientation to Adv Prof Educ ((Required courses that may be taken before or after program admission)) [2]	0
Selecte 18 hours from one of the three broadfield concentrations: English, Science Education, Secondary Mathematics		
English Broadfield Concentration		
ENGL 5304	History of the English Language (Formerly ENGL 5504) [1]	

ENGL 5500	Bibliography and Research Methods [2]
ENGL 5615	Adv Exposition
ENGL 5600	Shakespeare
ENGL 5606	Medieval Literature (Formerly ENGL CHAUCER)
ENGL 5609	Introduction to Linguistics
ENGL 5612	Advanced Grammar and Syntax
ENGL 5621	Literature of the Sixteenth and Seventeenth Centuries (Formerly Old English Literature)
ENGL 5632	Restoration/18th Century Lit
ENGL 5641	Romanticism
ENGL 5650	Modern Drama
ENGL 5652	Victorian Literature
ENGL 5670	Modern British Literature
ENGL 5681	Early American Literature
ENGL 5683	American Romanticism
ENGL 5684	American Realism and Naturalism
ENGL 5685	Southern Literature
ENGL 5686	Modern American Literature
ENGL 5690	African American Literature
ENGL 5696	Contemporary Literature [2]
ENGL 5792	African American Novel
ENGL 5794	African American Drama
ENGL 5908	Literary Criticism [1]
Science Education Broadfield Concentration	
EDUC 5570	Strategies of Instruction in Science

BIOL 5501	Selected Topics in Botany	
BIOL 5502	Selected Topics in Zoology	
BIOL 5504	Ecology	
BIOL 5506	Genetics	
BIOL 5514	Biology Chemistry	
ISCI 5515 or BIOL 5515	Selected Topics in Biology Selected Topics in Biology	
BIOL 5519	Plant Biology	
ISCI 5500	Integrated Earth Science	
ISCI 5501 or BIOL 5515	Integrated Found of Phys Scien Selected Topics in Biology	
ISCI 5530	Integrated Physical Science I	
ISCI 5531	Integrated Physical Science II	
ISCI 5564	Integrated Science Concepts	
Secondary Mathematics Broadfield Concentration		
MATH 5112	Linear Algebra	
MATH 5113	Modern Algebra I & II	
MATH 5211	Fundamental Concept of Analysis I	
MATH 5214	Differential Equations	
MATH 5311	Geometry of Teachers***	
EDUC 5531	Mathematics Concepts in Secondary Schools	
AREA D: Action Research and Statistics (minimum 3 hrs)		**3**
EDUC 5500	Educational Statistics	
EDUC 5502	Action/Classroom Research	
EDUC 5592	Applied Research in Teacher Education	

AREA E: Related Areas (9 hrs)		**9**
English Broadfield Concentration Requirements		
EDUC 5515	Adolescent Literature	
EDUC 5524	Method and Materials in Teaching English	
EDUC 5528	Teaching Composition in Secondary Schools	
Science Education Broadfield Concentration Requirements		
SPED 5501	Exceptional Child [1]	
6 additional hours to be chosen with advisor		
Science Education Broadfield Concentration Requirements		
MATH 5202	Technology -Oriented Mathematics	
MATH 5412	Methods of Statistical Analysis	
MATH 5511	History of Mathematics	
Total Semester Hours		**36**

1 Required course if not previously taken

2 Required

3 Prerequisite for EDUC 5502

Special Education, Master of Education

The M.Ed. degree program in Special Education leads to the T-5 certification in Interrelated Special Education (mildly disabled) and Intellectual Disabilities (MR). Any person who has T-4certification in a teaching field or who has completed a four- year degree program outside the field of teaching and meets the other admission criteria may pursue the master's-level programs. A degree in intellectual disabilities leads to certification in mental retardation. (Add-on verification requires a passing score on Praxis I/GACE Basic for admission and a passing score on Praxis II/GACE Content prior to the practicum.)

The purpose of the M.Ed. Special Education is to promote leadership for K-12 populations. Candidates complete 36 hours of courses designed to augment resourceful and imaginative problem-solving skills for K-12 populations. All classes implement the College of Education's conceptual framework: Reflective transformative practitioner, culturally-responsive practitioner, technologically-competent practitioner. Candidates have to be admitted by the Graduate Admissions Office before being admitted into the program.

Objectives

The objectives of the Masters of Special Education program in Special Education is to provide teachers with the opportunities to:

1. Use teaching practices that align with current research

2. Expand their knowledge and skills in a chosen area of educational interest;

3. Present academically-challenging instructions to K-12 to students;

4. Integrate new materials and methods of teaching practices for diverse K-12 populations;

5. Encourage interest in conducting research;

6. Increase competencies in research techniques; and

7. Encourage relevant action research, which they can use to become more effective in their classrooms.

Comprehensive Examination

The purpose of the comprehensive examination is to assess the student's knowledge of learning experiences that have been introduced in the M.Ed. degree Special Education The exam will address specific objectives from the middle grades curriculum and both content concentrations.

In partial fulfillment of the M.Ed., Special Education, students are required to pass a comprehensive examination. This examination is administered the semester of expected graduation or upon completion of required coursework. A student is eligible to take the comprehensive examination only if his/her grade-point average is 3.0 or higher and no course grade is lower than "B" in Area C of the program. Students may not take the comprehensive examination more than once in an academic semester. A third failure on the comprehensive examination results in automatic termination from the degree program.

Admission to the Special Education Program requires an undergraduate degree in Special Education, or the equivalent, from an accredited college. In addition, the following is required

- a clear renewable state of GA teaching certificate in the discipline
- three letters of recommendations
- writing sample
- College of Education Disposition Statement

If students lack a sufficient background in Special Education, they may be required to take additional undergraduate courses before beginning the M.Ed. program in Special Education. Students are also governed by the general admission procedures and requirements for the graduate school and the M.Ed. degree program, and they may matriculate in the Special Education program under the same categories of admission.

PROGRAM OF STUDY

AREA A: Nature of the Learner and Behavior Problems (3 Hours)		**3**
SPED 5501	Exceptional Child	
SPED 5542	Behavior Modification for Special Education Students	
EDUC 5550	Foundation Principles in Education, Growth Development	
AREA B: Programs and Problems of the Schools		**3**
EDUC 5504	History of Education	
EDUC 5509	Philosophy of Education	
EDUC 5540	Curriculum Principles	

AREA C: Teaching Field (18 Hours)		
SPED 5510	Characteristics & Instruc Stra	3
SPED 5545	Educational Assessment of Exceptional Children [1]	3
SPED 5563	Issues in Interrelated Special Education	3
SPED 5570	Practicum in Interrelated Special Education	3
SPED 5590	Teaching of Reading and Math to Exceptional Learners	3
EDRG 5595	Diagnostic & Prescriptive Procedures in Reading Education [3]	3
EDUC 5199	Orientation to Adv Prof Educ	0
AREA D: Educational Research and Statistics (3 Hours)		**3**
EDUC 5500	Educational Statistics [2]	
EDUC 5502	Action/Classroom Research	
EDUC 5592	Applied Research in Teacher Education	
AREA E: Educational Electives (Minimum 9 Hours)		**9**
EDRG 5594	Introduction to Theory & Pedagogy in Reading Education [3]	
EDRG 5596	Content Area Literacy [3]	
ESOL 5501	Meth & Mat of Tchng ESOL	
ESOL 5502	Instructional Strategies	
ESOL 5503	Applied Linguistics	
ESOL 5504	Multicultural Educ Issues	
SPED 5516	Nature & Charac of Gifted	
SPED 5529	Instr Methods in Gifted Edu	
SPED 5536	Curriculum for Gifted Edu	
SPED 5545	Educational Assessment of Exceptional Children	
Total Semester Hours		**36**

1 SPED 5545-if not taken in Area C can be taken for credit in Area E

2 Prerequisite for EDUC 5502

3 Eligible to receive Reading Endorsement with the completion of all three courses: EDRG 5594, EDRG 5595, EDRG 5596.

3. A satisfactory score on either the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT). For regular admission, a combined score of 286 on the verbal and quantitative sections of the GRE or, a score of 402 (44) on the MAT is required. For provisional admission, a combined score of 281 on the verbal and quantitative sections of the GRE, or 27 on the MAT is required.
4. Two official transcripts sent from all colleges and universities attended.
5. Two current letters of recommendation from individuals familiar with the applicant's ability to successfully complete the graduate program.
6. Submission of a completed graduate admissions application with a $20 processing fee.
7. Applicants for admission to the MPA program are also required to submit a written statement of career goals.
8. International students must take the TOEFL and meet other criteria established by the Board of Regents of the University System of Georgia.

All documents, including test scores, must be received in the Graduate Admissions Office at least 45 days prior to the desired semester of enrollment. Prospective applicants should contact the graduate recruitment and admissions officer in the Graduate Admissions Office for more information.

Other Program Requirements

Admission to Candidacy - Students enrolling in MPA courses who intend to pursue the MPA degree must file for, and be admitted to candidacy, upon completion of 18 semester hours. Only 9 semester hours of graduate course work in which the student earned "B" or better in provisional status may be counted toward candidacy for the degree.

MPA Professional Portfolio - Each student is expected to complete a professional portfolio. The professional MPA portfolio consists of materials representative of one’s academic work accomplishments, and demonstration of abilities and skills.

[1] Scores on the Graduate Management Admission Test or GMAT are not required for admission to the MPA program.

The Curriculum

The requirements for the Master of Public Administration degree are:

1. A minimum of 36 semester hours of graduate course work, at least 27 semester hours of which shall be taken in residence at Albany State University.
2. A minimum cumulative grade-point average of 3.0 in courses distributed as follows:

Core Courses (21 hours)		
PADM 5011	Public Administration: Scope, Development, and Ethical Environment	3
PADM 5126	Organizational Theory and Bureaucratic Behavior	3
PADM 5262	Public Human Resources Management	3
PADM 5302	Public Budgeting & Financial Management	3
PADM 5781	Introduction to Public Policy	3
PADM 5501	Management Information Systems (MIS) for Public Management [1]	3
PADM 5502	Research Design and Data Analysis [2]	3
Additional Required Public Administration Courses		
PADM 5851	Professional Public Service internship Project	3
PADM 5907	Capstone Report	3
Area of Concentration - minimum of 9 hours (See Specialty Areas tab)		**9**
Total Semester Hours		**36**

[1] Prerequisite for PADM 5502

[2] Prerequisite for PADM 5851

PUBLIC ADMINISTRATION: Areas of Concentration

The MPA program concentrations are listed below:

1. Community and Economic Development
2. Public Policy
3. Public Management
4. Health Administration and Policy
5. Human Resources Management

In addition, the two concentrations below are offered through a collaborative agreement with the departments of chemistry, biology, and criminal justice

6. Criminal Justice Administration

7. Water Resources Management and Policy

The requirements for each concentration are provided in this section.

Community and Economic Development

The concentration is designed for students pursuing careers in the field of community and economic development. Students are required to take 9 hours from the following concentration courses, including the two required courses.

Concentration Requirements

Required for the concentration		
PADM 5635	Introduction to Community & Economic Development [1]	3
PADM 5831	Urban and Rural Community Planning [2]	3
Select one course from the following:		**3**
PADM 5300	Administration of Nonprofit Organizations	
PADM 5850	Community Development Theory and Practice	
PADM 5860	Economic Development Theory and Practice	
Total Semester Hours		**9**

[1] Required for concentration and to be completed before any other concentration courses.

[2] Required for concentration and to be taken after PADM 5635

Public Policy

The Public Policy concentration assists students to understand the public policy making process, governmental and non- governmental actors involved in the policy making process, approaches in the study of public policies and the techniques for analyzing public policies This concentration prepares students seeking careers in policy making and analysis at any level or unit of government.

Concentration Requirements

Required for the concentration		
PADM 5802	Public Policy Analysis	3
PADM 5810	Intergovernmental Relations	3
Select one course from the following		**3**
PADM 5872	Executive Policy-Making	
PADM 5815	International and Comparative Public Policy	
PADM 5511	Directed Independent Policy Studies	
Total Semester Hours		**9**

Public Management

This concentration involves a study of management and supervision procedures used by organizations to motivate and maintain the internal labor force. Topics for discussion include wage and salary administration, training and development, safety management, performance control and internal communication. Students are required to take 9 hours from the following concentration courses, including the two required courses.

Concentration Requirements

Required for the concentration		
PADM 5823	Program Development, Management & Evaluation [3]	3
PADM 5650	Executive Leadership: Principles of Public Administration [4]	3
Select one course from the following		**3**
PADM 5200	The Administrative State	
PADM 5202	Administrative Law	
PADM 5810	Intergovernmental Relations	
Total Semester Hours		**9**

[3] PADM 5823: Required for concentration and to be completed before any other concentration courses

[4] PADM 5650 Required for concentration and to be taken after PADM 5823

Health Administration and Policy

This concentration is designed for students seeking management careers in the health field. In-service students seeking career advancement also benefit greatly from this specialization. This concentration requires 9 semester hours to be selected from the courses shown below (Two required courses and one additional course):

Concentration Requirements

Required for the concentration		
PADM 5321	Foundations of Health Care Finance [5]	3
PADM 5322	Foundations of Public Health Administration and Management [6]	3
Select one course from the following		**3**
PADM 5324	Epidemiology	
PADM 5791	Health Policy and Politics	
PADM 5852	Health Care Delivery for Specialized Groups	
Total Semester Hours		**9**

[5] PADM 5321: Required for concentration and to be completed before any other concentration courses

[6] PADM 5322 Required for concentration and to be taken after PADM 5321

Human Resources Management

This concentration is designed for students seeking human resources management careers in public, private & non-profit organizations at all administrative levels. Students are required to take 9 hours from the following concentration courses, including the two required courses.

Concentration Requirements

Required for the concentration		
PADM 5551	Diversity Management and Public Organization [7]	3

PADM 5600	Issues in Human Resource Management [8]	3
Select one course from the following		**3**
PADM 5451	Labor-Management Relations	
PADM 5213	Legal Environment of Public Human Resources Management	
Total Semester Hours		**9**

[7] PADM 5551: Required for concentration and to be completed before any other concentration course

[8] PADM 5600 Required for concentration and to be taken after PADM 5551

Criminal Justice Administration

This concentration represents an interdisciplinary collaboration between the Department of Criminal Justice and the Public Administration Program. It is designed for students pursuing careers in the field of criminal justice administration. Students are required to take 9 hours from the following concentration courses, including the two required courses.

Concentration Requirements

Required for the concentration		
CRJU 5100	Foundations of Criminal Justice [9]	3
CRJU 5110	Theory and Philosophy of Criminal Justice [10]	3
Select one course from the following		3
CRJU 6110	The Social Service Role of Criminal Justice Personnel	
CRJU 6400	Foundations of Corrections	
CRJU 6430	Rehabilitation and Treatment	
Total Semester Hours		**9**

[9] CRJU 5100: Required for the concentration and to be completed before any other concentration courses.

[10] CRJU 5110 Required for the concentration and to be taken after CRJU 5100.

Water Resources Management and Policy

The Water Resources Management and Policy concentration is offered through a collaborative arrangement between the Public Administration program and the Department of Natural Sciences. This concentration is designed for students interested in pursuing careers in water conservation, management and policy

Concentration Requirements

Unlike the other concentrations, students interested in this concentration are required to take 15 hours from the following 6 concentration courses including the two required courses.

Students are required to take one of the following		
WRMP 6420	Water Resources Policy Field Project [11]	3
or WRMP 6421	Water Resources/Policy Prof	
Select four courses from the following		**12**
WRMP 6421	Water Resources/Policy Prof [12]	
or WRMP 6420	Water Resources Policy Field Project	
WRMP 6400	Hydrology and Irrigation Fundamentals	
WRMP 6405	Environmental and Natural Resource Policy	
WRMP 6410	Natural Resource Management and Planning	
WRMP 6415	Water and Law Legislation	

[11] The course not taken in this section may be taken in the following section as part of the additional 12 credit hours.

[12] Students may take the course that was not taken in the required section above.

PADM 5011. Public Administration: Scope, Development, and Ethical Environment. (3 Credits)

This is an introductory Public Administration course and it is expected to provide students with a broad based understanding of the field of Public Administration as a discipline and as a profession. Students will examine the historical and current perspectives and become familiar with practitioners in the field. This course is also designed to introduce the students to various issues concerning public administration ethics theory and how they apply to public managers, the polemics that abound, and suggestions that have been made for improving the bureaucratic environment. Upon completing the course, the students should be in a position to make sense out of the various

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Admission Requirements

1. Baccalaureate degree from an accredited college or University
2. Official transcripts from all institutions attended
3. Applicants whose undergraduate degree was not in Criminal Justice are required to complete 6 semester of required undergraduate criminal justice pre-requisites and must earn a B or better in those courses.
4. Applicants admitted on provisional basis must complete 9 hours of Criminal Justice core courses with a B or better and must have a 3.0 or better grade point average
5. Graduate Record Examination (GRE) or Miller Analogies Test (MAT) tests are accepted.
6. Two letters of recommendation

For regular admissions, the candidate must have a 3.5 GPA or above.

For provisional admission, the candidate must have a 3.0-3.4 GPA.

For candidates under 3.0 GPA must take either GRE or MAT, GRE combined scores 250 or higher or MAT combined scores 350 or higher for provisional admission.

Program of Study/Curriculum

Courses must be completed with a grade of 'B' or better.

Code	Title	Semester Hours
Core Courses		
CRJU 5100	Foundations of Criminal Justice	3
CRJU 5110	Theory and Philosophy of Criminal Justice	3
CRJU 5400	Organization and Administration of Criminal Justice System	3
CRJU 5600	Reasearch Methodology In Criminal Justice	3
CRJU 5610	Research Statistics in Criminal Justice	3
Concentration (see Specialty Areas Tab)		9
Thesis or Non-Thesis Option (Select One Pair of Courses)		6
Thesis Option		
CRJU 7001 & CRJU 7002	Thesis Seminar and Thesis	
Non-Thesis Option		
CRJU 7003 & CRJU 7004	Technology and Criminal Justice and Criminal Justice Program Evaluation	
Total Semester Hours		30

Criminal Justice Specialty Areas

In addition to core courses, students must complete 9 semester hours in one of the four specialty areas:

1. corrections,
2. forensic sciences,
3. law enforcement and
4. public administration.

Online program offers only corrections and law enforcement specialties. Course work that is six years or older cannot be applied to the Master of Science in Criminal Justice. All course work must be completed with a grade of 'B' or better.

Forensic Science Specialty

The Master of Science in Criminal Justice with a concentration in Forensic Science is designed for students who possess the equivalent of a baccalaureate degree from forensic science, forensic chemistry, chemistry or criminal justice with a minor in forensic science or chemistry. This concentration will also provide the necessary skills to the criminal justice master's degree students who do not have their baccalaureate degree in forensic science but wish to advance their career in the management of forensic science laboratories as directors and supervisors.

Required Forensic Science Courses

Code	Title	Semester Hours
Select 9 semester hours from the following (in any combination):		9
FOSC 6001	Survey of Advanced Forensic Science	
FOSC 6009	Advanced Toxology (w/lab)	
FOSC 6012	Advanced Trace and Transfer Evidence/Forensic Electron Microscopy (w/lab)	
FOSC 7000	Advanced Ballistics and Associated Technologies (w/lab)	
Total Semester Hours		9

Law Enforcement Specialty

A concentration in law enforcement will enable students to comprehend the organizational workings of police agencies, how various theories are translated into these agencies and how the organization interfaces with other units of the criminal justice system. An emphasis on leadership, planning and the broader management function is the hallmark of this concentration.

Required Law Enforcement Courses

Code	Title	Semester Hours
Select 9 semester hours from the following (in any combination):		9
CRJU 6000	Survey of Law Enforcement	
CRJU 6100	Policing in a Democratic Society	
CRJU 6110	The Social Service Role of Criminal Justice Personnel	
CRJU 6120	Law Enforcement Operations	
CRJU 6200	Management Science	
Total Semester Hours		9

Public Administration Specialty

This concentration represents an interdisciplinary collaboration between the Departments of Criminal Justice and Forensic Science, and Public Administration. It is expected to provide additional career options for students in both programs. A concentration in Public Administration is designed to prepare students in evaluating and managing public agencies. This concentration prepares students with the managerial skills necessary to investigate and effectively manage organizational problems common to criminal justice agencies. This component of the Master of Science degree program includes an understanding of public and personnel administration and evaluation of criminal justice programs.

Required Public Administration Courses

Code	Title	Semester Hours
Select 9 semester hours from the following (in any combination):		9
PADM 5011	Public Administration: Scope, Development, and Ethical Environment	
PADM 5213	Legal Environment of Public Human Resources Management	
PADM 5262	Public Human Resources Management	
PADM 5781	Introduction to Public Policy	
Total Semester Hours		9

Corrections Specialty

The correctional emphasis focuses on the philosophical purpose and meaning of corrections to the system and community-based treatment programs. The underlying thrust of this concentration is to impart theoretical and applied knowledge on the organizational, legal and social aspects of contemporary correctional agencies. Specialization in corrections will prepare students for careers as parole officers, corrections supervisors, prison administrators and effective case workers in community-based treatment programs.

Required Corrections Courses

Code	Title	Semester Hours
Select 9 semester hours from the following (in any combination):		9
CRJU 6110	The Social Service Role of Criminal Justice Personnel	
CRJU 6400	Foundations of Corrections	
CRJU 6410	Administration of Psychological Tests	
CRJU 6420	Interviewing and Counseling	
CRJU 6430	Rehabilitation and Treatment	
CRJU 6440	Management of Correctional Institutions	
Total Semester Hours		9

CRJU 5100. Foundations of Criminal Justice. (3 Credits)
A survey of the total criminal justice system including crime causation, police, courts, corrections, and juvenile delinquency, private security, research and planning.

CRJU 5110. Theory and Philosophy of Criminal Justice. (3 Credits)
This course is an overview of the history, philosophy, and practices of the criminal justice system. The course will provide an introduction to major theories of the policy making process, examines methods of policy analysis, and apply these methods to the study of contemporary criminal justice issues. Emphasis will be placed on professional ethics, the nature of law and punishment, the overview of the criminal justice system; law enforcement; court system; and how criminal justice problems are conceptualized and brought to the attention of policymakers, how policy unfolds, and how these responses are implemented, evaluated and revised overtime.

CRJU 5400. Organization and Administration of Criminal Justice System. (3 Credits)
A study of theories of bureaucracy, the exercise of power, and the functional relations between police, courts, and corrections.

CRJU 5600. Reasearch Methodology In Criminal Justice. (3 Credits)
A study of theory construction, hypothesis development, operationalization, and modes of data collection.

CRJU 5610. Research Statistics in Criminal Justice. (3 Credits)
An examination of parametric and non-parametric statistical methods, inferential statistics, tests of significance, and hypothesis testing.

CRJU 6000. Survey of Law Enforcement. (3 Credits)
This course provides a comprehensive and advanced overview of the law enforcement systems in the United States focusing on local, county, state, and federal law enforcement agencies. The course will examine divergent philosophies, models and various operational systems of law enforcement agencies and allows students to gain a deeper understanding of law enforcement practices, duties, and responsibilities encountered as engaged by law enforcement professionals at various levels of operations. The course will also focus on the overlapping functions, conflicts and contradictions as well as some ethical issues and dilemmas associated with law enforcement practices and operations.

CRJU 6100. Policing in a Democratic Society. (3 Credits)
A study of the conflict between individual liberty and social control agencies, public acceptance of the order maintenance function of the police, the pros and cons of present limitations on police authority.

CRJU 6110. The Social Service Role of Criminal Justice Personnel. (3 Credits)
A study of the officer's role in the field of social service to the community. Topics covered are human relations, social dynamics and crisis management. Police responsibilities to the elderly, juveniles and the mentally disturbed are stressed.

CRJU 6120. Law Enforcement Operations. (3 Credits)
An examination of law enforcement responsibilities and the allocations of resources to meet the role. Topics covered include managing criminal investigations, patrol operations, crime prevention, mass media relations and criminal court procedures.

CRJU 6200. Management Science. (3 Credits)
This course focuses on the implementation of criminal justice policies, planning, criminal justice management, decision-making and communications as basic management activities, budgetary processes and personnel management.

CRJU 6400. Foundations of Corrections. (3 Credits)
A survey of the history of punishment, prisons and penology in America. The social, intellectual and institutional environment in which corrections evolved is discussed. Analysis of the punishment experience as see by prison officials and offenders.

CRJU 6410. Administration of Psychological Tests. (3 Credits)
Supervised training in the administration, scoring and interpretation of tests of intelligence, aptitude, interest and personality.

CRJU 6420. Interviewing and Counseling. (3 Credits)
An examination of the purpose and principles of effective interviewing. Analysis of individual problems and the process of problem-solving with criminal justice clients. Emphasis is placed on learning experiences to help unmotivated, involuntary clients.

CRJU 6430. Rehabilitation and Treatment. (3 Credits)
Development of frame of reference for rational treatment of offenders through description, examination and practice of treatment methods. Analysis of methods employed by correctional institutions to prepare inmates for reintegration into their environment upon release is also included.

Post-Master's Certification Programs

In addition to the admission criteria listed above, applicants who have a Master's Degree in Nursing and graduated with at least a 3.0 GPA may be admitted to the department's Nurse Practitioner (FNP) or Nurse Educator (NE) Post-Master's Certificate Program. Because these certification programs utilize past learning experience to satisfy some course requirements, programs of study are highly individualized and tailored to the needs of the students; therefore, the applicant must meet with the Department of Nursing's Graduate Nursing Programs Director and his/her graduate nursing advisor to design a program of study to complete post-master's requirements.

Readmission Information

READMISSION

Students who have not been in attendance for one or more semesters must apply to Albany State University's Graduate School for readmission.

Note: *Summer semester is not included as a semester of non-attendance.*

READMISSION FOLLOWING SCHOLASTIC TERMINATION

A graduate student who is excluded from the institution for academic reasons may petition to be reinstated. A student who petitions to be reinstated must have been out of the institution for at least twelve months. A petition to be reinstated must be approved by the Appeals Committee of the Graduate Council and the Dean of the Graduate School. Any graduate student who has been is excluded twice for scholastic reasons will not be readmitted to the Graduate School.

Programs of Study: Graduate Nursing Programs

Within the first nine (9) semester hours of study, the student is required to complete a planned degree program of study with the advice and approval of the Graduate Nursing Programs Director. Copies of this planned degree program will be filed with the Graduate Admissions Office, the Department of Nursing and the Office of the Registrar.

Family Nursing Practitioner (44 Hours)

REQUIRED UNDERGRADUATE COURSEWORK (12 hours)	
NURS 3320	Pathophysiology (BSN)
or NURS 3620	Pathophysiology for RNs (RN-to-BSN)
NURS 3510	Assessment in Health Care (BSN)
or NURS 3640	Health Assessment (RN-to-BSN)

NURS 4131 or NURS 4510	Research (BSN) Research in Nursing (RN-to-BSN)	
MATH 2411	Introduction to Statistics	
CORE (17 hours)		
NURS 5111	Nursing Theory Development	3
NURS 5120	Advanced Nursing Research	3
NURS 5210	Advanced Pathophysiology	3
NURS 5220	Family Diversity in Vulnerable Communities	2
NURS 5910	Pharmacology in Advanced Nursing Practice	3
NURS 6920	Thesis/Research Project	3
SPECIALIZATION (27 hours)		
NURS 5100	Advanced Health Assessment	3
NURS 5410	Introduction to Family Primary Care (MSN-FNP)	4
NURS 5421	Primary Care of Children (MSN-FNP)	5
NURS 6101	Primary Care of Women (MSN-FNP)	4
NURS 6211	Primary Care of Adults (MSN-FNP)	5
NURS 6310	Primary Care Issues in Health Promotion of Communities (MSN-FNP)	2
NURS 6820	Family Nurse Practitioner Practicum (MSN-FNP)	4
ELECTIVES (1-6 HOURS)		
NURS 6000	Directed Study	
Total Semester Hours		**44**

Nurse Educator (36 Hours)

REQUIRED UNDERGRADUATE COURSEWORK (12 hours)		
NURS 3320	Pathophysiology (BSN)	

or NURS 3620	Pathophysiology for RNs (RN-to-BSN)	
NURS 3510	Assessment in Health Care (BSN)	
or NURS 3640	Health Assessment (RN-to-BSN)	
NURS 4131	Research (BSN)	
or NURS 4510	Research in Nursing (RN-to-BSN)	
MATH 2411	Introduction to Statistics	
CORE (17 hours)		
NURS 5111	Nursing Theory Development	3
NURS 5120	Advanced Nursing Research	3
NURS 5210	Advanced Pathophysiology	3
NURS 5220	Family Diversity in Vulnerable Communities	2
NURS 5910	Pharmacology in Advanced Nursing Practice	3
NURS 6920	Thesis/Research Project	3
SPECIALIZATION (19 hours)		
NURS 5621	Advanced-Practice Nursing I (MSN-NE)	5
NURS 5950	Curriculum Development in Nursing (MSN-NE)	3
NURS 6001	Instructional Strategies and Evaluation (MSN-NE)	3
NURS 6620	Advanced Teaching Practicum (MSN-NE)	3
NURS 6622	Advanced Practice Nursing II (MSN-NE)	5
ELECTIVES (1-6 HOURS)		
NURS 6000	Directed Study	
Total Semester Hours		**36**

Comprehensive Examination Policy

The purposes of the comprehensive examination is to: (a) evaluate the student's theoretical and analytical knowledge of nursing, research, and other critical scientific concepts, issues, and processes presented in advanced core courses; and (b) evaluate the student's ability to apply critical

will be converted to Regular Admission status when the applicant achieves a "B" or better in each course taken under Provisional Admission status.

Program of Study

The MSW program is designed for non-traditional graduate students, with classroom instruction beginning after 5:15pm in the evening. The MSW curriculum is guided by the Educational Policy and Accreditation Standards (EPAS) of our accrediting body, the Council of Social Work Education. Students must successfully complete 64 credit hours in order to receive the MSW degree. The curriculum consists of 32 credit hours in the Foundation Year courses followed by 32 credit hours in the Advanced Practice Year. Since the MSW program is very structured, all prerequisites must be met and courses must be completed in their correct sequence. Students who enroll in courses for which they have not met the prerequisites will be dropped from those courses. Any deviation from the official MSW Degree Plan will result in substantial delays of a year or more, due to the structured sequential nature of the MSW Program. Students are reminded that all requirements for the MSW degree must be completed within four years of their admission.

Curriculum

The MSW Program consists of 64 credit hours taken in the following order:

SOWK 6020	Achieving Justice Diverse Wrld	3
SOWK 6021	Hum Behav/Social Environment	3
SOWK 6031	Direct Practice Methods	3
SOWK 6011	Social Welfare Policies & Prog	3
SOWK 6055	Foundation Field Experience I	3
SOWK 6051	Foundation Field Seminar I	1
SOWK 6032	Theory/Pract Families/Groups	3
SOWK 6033	Theory/Pract Comm/Organization	3
SOWK 6041	Research in Social Work	3
SOWK 6056	Foundation Field Experience II	3
SOWK 6052	Foundation Field Seminar II	1
SOWK 6000-level Elective		3

SOWK 7021	Family Dynam Through Life Cycl	3
SOWK 7041	Evaluation Practice Child/Fami	3
SOWK 7031	Assessment/Pract w/Child/Adole	3
SOWK 7055	Advanced Field Experience I	3
SOWK 7051	Advanced Field Seminar I	1
SOWK 7000-level Elective		3
SOWK 7032	Assessment and Practice w/Fami	3
SOWK 7033	Assess/Pract Vulnerable Adults	3
SOWK 7011	Legal/Ethical Iss Chld/Fam Pol	3
SOWK 7056	Advanced Field Experience II	3
SOWK 7052	Advanced Field Seminar II	1
SOWK 7000-level Elective		3
Total Semester Hours		**64**

Comprehensive Examination Policy

As required by the Georgia Board of Regents, a comprehensive examination is required of all MSW students. The examination is designed to test the ability of the student to demonstrate competencies in social work theory, practice, policy, and research. The examination is given in the Spring semester of the Specialized Practice year.

Degree Requirements

In order to graduate from the MSW Program, the graduate student must:

1. Earn a grade of "B" or better on all graduate work attempted, including transfer credits approved in advance of enrollment.
2. Have no incomplete grades.
3. Successfully pass the written MSW Comprehensive Examination.
4. Complete all requirements for the MSW degree within four years from the date of first enrollment.

SOWK 6011. Social Welfare Policies & Prog. (3 Credits)

Program of Study/Curriculum

Courses must be completed with a grade of 'B' or better.

Code	Title	Semester Hours
Core Courses		
CRJU 5100	Foundations of Criminal Justice	3
CRJU 5110	Theory and Philosophy of Criminal Justice	3
CRJU 5400	Organization and Administration of Criminal Justice System	3
CRJU 5600	Reasearch Methodology In Criminal Justice	3
CRJU 5610	Research Statistics in Criminal Justice	3
Concentration (see Specialty Areas Tab)		9
Thesis or Non-Thesis Option (Select One Pair of Courses)		6
Thesis Option		
CRJU 7001 & CRJU 7002	Thesis Seminar and Thesis	
Non-Thesis Option		
CRJU 7003 & CRJU 7004	Technology and Criminal Justice and Criminal Justice Program Evaluation	
Total Semester Hours		30