

Department of Natural Sciences/Albany State University
Chemistry B.S. Curriculum

RamID

Name

Suggested Program of Study				Personalized Program				
Freshman-Semester 1 FALL			Hrs	Course	No.	Title	Hrs	Grd
ASU	1201	Foundations of College Succes	2					
ENGL	1101	English Composition I	3					
MATH	1113	Pre-Calculus	3					
CHEM	1211	General Chemistry I	3					
CHEM	1211L	General Chemistry I LAB	1					
AREA E		Social Science Requirement	3					
Total			15	Semester GPA				
Freshman-Semester 2 SPRING				Semester 2				
ENGL	1102	English Composition II	3					
CHEM	1212/L	General Chemistry II with Lab	4					
PHYS	2100	Computer Applications	3					
MATH	1211	Calculus I	4					
HIST	1002	Introduction to African Diaspora	2					
Total			16	Semester GPA				
*Student who has not had MATH 1211 (Calculus I) at end of spring semester should take it in the summer to be on schedule								
Sophomore-Semester 3 FALL								
CHEM	2301/L	Organic Chemistry I with Lab	4					
CHEM	2351/L	Quantitative Analysis I/Lab or BIOL2111/L	4					
MATH	2212	Calculus II	4					
AREA C		Humanities/Fine Arts	3					
PEDH	100X	Physical Education choices 1001-10	1					
Total			16	Semester GPA				
Sophomore-Semester 4 SPRING				Semester 4				
PHYS	2221/L	Principles of Physics I/Lab	4					
CHEM	2301/L	Organic Chemistry II/L	4					
CHEM	2352/L	Quantitative Analysis II/L or Area E (3)	4					
ENGL	2111	World Literature I	3					
PEDH	100X	Physical Education choices 1001-10	1					
Total			16	Semester GPA				
Sophomore-Semester 5 FALL				Semester 5				
PHYS	2222/L	Principles of Physics II/L	4					
AREA G		Major Electives	4					
CHEM	4110	Chemical Literature	1					
COMM	1100	Fundamentals of Public Speaking	3					
AREA E		Social Sci Elective or Chem 2351/L	3					
PEDH	100X	Physical Education choices 1001-10	1					
Total			16	Semester GPA				
Sophomore-Semester 6 SPRING				Semester 6				
AREA E		Social Sci Electives	6					
BIOL	2111/L	Biology I or CHEM 2352/L	4					
CHEM	4111	Junior Seminar	1					
CHEM	3221K	Physical Chemistry I	4					
Total			15	Semester GPA				
Sophomore-Semester 7 FALL				Semester 7				
CHEM	3222K	Physical Chemistry II	4					
CHEM	3250K	Biochemistry	4					
CHEM	4120	Senior Research I	1					
AREA G		Major courses Electives	6					
Total			15	Semester GPA				
Sophomore-Semester 8 SPRING				Semester 8				
CHEM	4130	Senior Research II	3					
CHEM	4100K	Instrumental Analysis	4					
CHEM	3231	Intermediate Inorganic	3					
AREA G		Major coures Electives	6					
Total			16	Semester GPA				
Updated: 8/06/13		125		email:				

PEDH or HEDP
Physical Education Electives
(Choose 3)
HEDP 1001
PEDH 1001
PEDH 1002
PEDH 1003
PEDH 1004
PEDH 1005
PEDH 1006
PEDH 1007
PEDH 1008
PEDH 1010

Area C
Humanity/Fine Arts
(3) Hrs, choose one
ARAP 1100, MUSC 1100,
ENGL 2112, HONR 2112,
FIAR 1100
Intermediate level language
course (2000 level)

Social Science
Area E **required** (3 Hrs):
POLS 1101 or HONR 1161

Social Science
Area E **Electives** (9 Hrs)
1000 or 2000 level
History, Psychology,
Sociology, & Economics

Major Course Electives
Area G Electives (16 Hrs):
1. 2000 level or higher
2. At least 3 credits non-
science
3. Eight (8) credits in 3000
level or higher

Suggested:
MATH2213
MATH2411
CHEM2250/BIOL2250
CHEM2320
CHEM3252/L
CHEM3252
CHEM3330
CHEM3400
CHEM4140
CHEM4150K
CHEM4200K