

Requirements for the B.S. Degree in Chemistry

AREA A: ESSENTIAL SKILLS

Courses

ENGL 1101 & 1102 English Composition I & II OR
HONR 1111 & 1112 Honors Humanities I & II
Choice of MATH 1101, MATH 1111, MATH 1113, or MATH 1211

Semester Hours

6
3
9 hrs. total

AREA B: INSTITUTIONAL OPTIONS

Courses

HIST 1002 Intro to African Diaspora
COMM 1100 Anal. Disc. of Global Issues

Semester Hours

2
3
5 hrs. total

AREA C: HUMANITIES/FINE ARTS

Courses

ENGL 2111 World Literature / HONR 2111 Honors Humanities III
Choice of ARAP 1100, ENGL 2112, MUSC 1100, FREN 2201,
GERM 2221, SPAN 2231, FIAR 1100, HONR 2112

Semester Hours

3
3
6 hrs. total

AREA D: SCIENCE, MATH, & TECH

Courses

CHEM 1211 & 1212 General Chemistry I & II OR
PHYS 2221 & 2222 Principles of Physics I & II
Choice of MATH 1113, MATH 1211, MATH 2212, PHYS 2100

Semester Hours

8
8
3-4
11-12 hrs. total

AREA E: SOCIAL SCIENCE

Courses

POLS 1101 U.S. & GA Govt. / HONR 1161 Honors American Govt.
Choice of ECON 2105, ECON 2106, ECON 2201, GEOG 1101,
HIST 1111, HIST 1112, HIST 2111, HIST 2112, PSYC 1101, etc.

Semester Hours

3
9
12 hrs. total

AREA F: CHEMISTRY

Courses

CHEM 1211 & 1212 General Chemistry I & II
CHEM 2301 & 2302 Organic Chemistry I & II
CSCI 1003 Intro to Technology

Semester Hours

8
8
2
18 hrs. total

MAJOR COURSES

Courses

BIOL 2111K General Zoology
MATH 2212 & 2213 Calculus II & III
CHEM 3250K Biochemistry
CHEM 2351K & 2352K Quantitative Analysis I & II
CHEM 3221K & 3222 K Physical Chemistry I & II
CHEM 3231 Intermediate Inorganic Chemistry I
CHEM 4100K Instrumental Analysis

Semester Hours

4
8
4
8
8
3
4

CHEM 4110 Chemical Literature	1
CHEM 4111 Junior Seminar	1
CHEM 4120 Senior Research I	1
CHEM 4130 Senior Research II	3
PHYS 2100 Computer Applications	3
Choice of ELECTIVES (at least 3hrs. outside of dept.)	<u>12</u>
	60 hrs. total

ABOVE THE CORE

Courses

ASU 1200 Freshman Seminar/Service to Leadership	3
Choice of 3 PEDH courses	<u>3</u>
	6 hrs. total

125 HOURS TOTAL REQUIRED FOR GRADUATION

Minor in Chemistry

Courses

CHEM 1212 General Chemistry II	4
CHEM 2301 & 2302 Organic Chemistry I & II	8
CHEM 3250 Biochemistry	4
CHEM 2351 Quantitative Analysis I	<u>4</u>
	20 hrs. total