

CHEMISTRY (BA/BS)

Degree Requirements

Total program: B.A. 74-75 semester hours/B.S. 82-83 semester hours

Prerequisite Requirements

26 semester hours

Students must show competency in:

- Mathematics (MATH 201 Calculus I & MATH 202 Calculus II)
- Physics (PHYS 201 General Physics I & PHYS 202 General Physics II or PHYS 203 Physics I: Mechanics & PHYS 204 Physics II: Electricity & Magnetism)
- Biology (BIOL 201 General Biology I & BIOL 202 General Biology II or BIOL 204 Plant Biology & BIOL 205 Animal Biology)

Core Requirements

40 semester hours

Code	Title	Semester Hours
CHEM 201	General Chemistry I	5
CHEM 202	General Chemistry II	5
CHEM 230	Analytical Chemistry I	4
CHEM 430	Instrumental Methods of Analysis	4
CHEM 311	Organic Chemistry I	5
CHEM 312	Organic Chemistry II	5
CHEM 411	Physical Chemistry I	4
CHEM 412	Physical Chemistry II	4
CHEM 370	Chemistry Seminar	1,1
Total Semester Hours		37

Electives

B.A. 4-5 semester hours (choose one of the following)

B.S. 12-13 semester hours (choose three of the following)

Code	Title	Semester Hours
CHEM 314	Biochemistry	5
CHEM 420	Environmental Chemistry	4
CHEM 440	Inorganic Chemistry	4
CHEM 441	Materials Chemistry	4
CHEM 450	Advanced Organic Chemistry	4

Culminating Requirements

6 semester hours

Code	Title	Semester Hours
CHEM 498	Chemistry Research	2
CHEM 499	Senior Seminar/Project	4
	Senior Comprehensive Examination	0
Total Semester Hours		6