

# Chemistry

Degree Type  
B.A.

Objective: To prepare students to work as chemists in industry or as teachers.

The senior project is completed by taking 450.

Satisfactory performance on departmental assessments exams is also required.

Item #	Title	Semester Hours
	Chemistry - Core Courses	17
	CHEM 221, 230, 312, 313, 320, 330, 350, 422, 430X, or 433.	9-12
CHEM 230	Intro. to Inorganic Chemistry	3
CHEM 330	Advanced Laboratory	4
CHEM 430X	Biochemistry	4
CHEM 450	Senior Seminar	1
MATH 151	Calculus I	4
	<b>Total Credits</b>	<b>42-45</b>

## Chemistry - Core Courses

Elective Credits 17

Item #	Title	Semester Hours
CHEM 111	General Chemistry I	4
CHEM 111L	General Chemistry Lab	0
CHEM 112	General Chemistry II	4
CHEM 112L	General Chemistry II Lab	0
CHEM 211	Organic Chemistry I	4
CHEM 212	Organic Chemistry II	4
CHEM 351	Junior Seminar	1

## CHEM 221, 230, 312, 313, 320, 330, 350, 422, 430X, or 433.

Elective Credits 9-12

## Choose Three Courses

Item #	Title	Semester Hours
CHEM 221	Analytical Chemistry	4
CHEM 312	Physical Chemistry I	3
CHEM 313	Physical Chemistry II	3
CHEM 320	Materials Science	3
CHEM 350	Special Topics	4
CHEM 422	Instrumental Analysis	3
CHEM 430X	Biochemistry	4
CHEM 433	Advanced Organic Chemistry	3