

# Chemistry (B.S.)

Objective: To prepare students for graduate study related to chemistry or the health/medical professions and also for employment in various areas of chemistry.

The senior project is completed by taking 450.

Satisfactory performance on departmental assessment exams is also required.

Students planning advanced study in chemistry should elect to take Physics 311 and other courses in consultation with the faculty advisor.

Students planning advanced study in health fields should elect to take Biology 117, 210 or 211, and other courses in consultation with the faculty advisor.

**Program:** Chemistry

**Type:** B.S.

## Entrance Requirements

- Submit a completed application;
- High School diploma or equivalent required:  
No
- Age Requirement:
- Submit official high school/high school equivalent transcripts, if applicable;
- Submit official college transcripts, if applicable;
- Satisfy Placement Testing requirements.

Item #	Title	Credits
	Chemistry - Core Courses	17
CHEM 221	Analytical Chemistry	4
CHEM 230	Intro. to Inorganic Chemistry	3
CHEM 240	Intro. to Biochemistry	3
CHEM 312	Physical Chemistry I	3
CHEM 313	Physical Chemistry II	3
CHEM 330	Advanced Chemistry Laboratory	4
CHEM 450	Senior Seminar	1
	CHEM 460 or CHEM 490	1-4

## Two courses from:

Item #	Title	Credits
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

## Contextual & Support Requirements

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 151	Calculus I	4
MATH 152	Calculus II	4
	MATH 253 or STAT 161	4
PHYS 201	General Physics I	4
PHYS 202	General Physics II	4
	<b>Minimum Credit Hours for Graduation:</b>	<b>65-70</b>