

# B.S. Chemistry

## Required Courses

Item #	Title	Credits
CHEM 111	General Chemistry I	4
CHEM 112	General Chemistry II	4
CHEM 201	Research Methods in the Physical Sciences	1
CHEM 221	Modern Analytical Chemistry	4
CHEM 231	Organic Chemistry I	4
CHEM 232	Organic Chemistry II	4
CHEM 341	Physical Chemistry I	4
CHEM 342	Physical Chemistry II	4
CHEM 431	Biochemistry I	3
CHEM 432	Biochemistry I Lab	1
CHEM 462	Inorganic Chemistry	3
CHEM 475	Research Methods in Chemistry	4
	BS CHEM Electives upper division	4

## Required Cognates

Item #	Title	Credits
CSIS 110	Principles of Computer Programming I	3
MATH 181	Calculus I	4
MATH 182	Calculus II	4
MATH 283	Calculus III	4
PHYS 121	General Physics I	4
PHYS 122	General Physics II	4

## Recommended Cognates

Item #	Title	Credits
MATH 321	Differential Equations	3
PHYS 221	General Physics with Calculus I	1
PHYS 222	General Physics with Calculus II	1
	Intermediate Foreign Language	6
	<b>Total credits:</b>	<b>78</b>