

**CHEMISTRY B.S.**

All students must meet the University Requirements.

All students must meet the College Requirements.

Students pursuing a Bachelor of Science degree in chemistry complete an extensive set of courses including research and biochemistry, providing them with a degree that is certified by the American Chemical Society. The B.S. degree is a particularly good preparation for graduate school in chemistry.

PHYS 152	Fundamentals of Physics II	0 or 4
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**MAJOR REQUIREMENTS**

Choose one of the following sequences:		8
CHEM 035 & CHEM 036	General Chemistry for Majors 1 and General Chemistry for Majors 2	
CHEM 031 & CHEM 032	General Chemistry 1 and General Chemistry 2	
CHEM 031 & CHEM 036	General Chemistry 1 and General Chemistry for Majors 2	
CHEM 121	Quantitative Analysis	0 or 4
Choose one of the following sequences:		8
CHEM 143 & CHEM 144	Organic Chemistry for Majors 1 and Organic Chemistry for Majors 2	
CHEM 141 & CHEM 142	Organic Chemistry 1 and Organic Chemistry 2	
CHEM 141 & CHEM 144	Organic Chemistry 1 and Organic Chemistry for Majors 2	
CHEM 146	Advanced Organic Laboratory	2
CHEM 165	Intro Physical Chemistry	3
CHEM 167	Physical Chemistry Preparation	1
CHEM 201	Advanced Chemistry Laboratory	3
CHEM 202	Advanced Chemistry Laboratory	2
CHEM 205	Biochemistry I	3
CHEM 221	Instrumental Analysis	3
CHEM 231	Advanced Inorganic Chemistry	3
CHEM 260	Advanced Physical Chemistry	3
CHEM 282	Senior Seminar	1
Advanced chemistry-related course work, which must include 3 credits of CHEM 291 or equivalent		6
MATH 021	Calculus I	4
MATH 022	Calculus II	4
PHYS 051	Fundamentals of Physics I	0 or 4