

# CHEMISTRY, B.S.

## Requirements for a Major in Chemistry

*This degree plan is not certified by the American Chemical Society.*

Code	Title	Hours
Forty-one semester hours including the following:		
<b>Required Courses</b>		
CHE 1301 & CHE 1101	Basic Principles of Modern Chemistry I and General Chemistry Laboratory I	4
CHE 1302 & CHE 1102	Basic Principles of Modern Chemistry II and General Chemistry Laboratory II	4
CHE 2416	Laboratory Measurements and Techniques	4
CHE 3331	Organic Chemistry I	3
CHE 3332	Organic Chemistry II	3
CHE 3238	Organic Chemistry Laboratory	2
CHE 4001	Exit Examination	0
CHE 4227	Physical Chemistry Laboratory I	2
CHE 4151	Undergraduate Seminar I	1
CHE 4321	Physical Chemistry I	3
Four semester hours of 4000-level CHE labs		4
Eleven semester hours of 4000-level CHE <sup>1,2</sup>		11
<b>Subtotal</b>		<b>41</b>
<b>Required Courses in Other Fields</b>		
MTH 1321	Calculus I	3
MTH 1322	Calculus II	3
MTH 2321	Calculus III	3
PHY 1420	General Physics I	4
PHY 1430	General Physics II	4
<b>Total Hours</b>		<b>58</b>

<sup>1</sup> Excluding CHE 4327 Physical Chemistry for the Life Sciences. A maximum of three semester hours of CHE 4V98 Senior Research Problems may count toward this requirement.

<sup>2</sup> Curricula that meet the requirements for a B.S. degree plan can be tailored to individual student interests in the following areas: analytical, biochemistry, inorganic, organic, or physical chemistry. The degree plan with a concentration in biochemistry is excellent preparation for premedical or pre dental students or for students interested in medical research. Undergraduate research in chemistry is strongly encouraged.