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**BS in Chemistry**

Following is **one** suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.

**\*See the University Core requirements section of this catalog for approved list of course options.**

**\*\*See Arts and Sciences requirements section of this catalog for approved list of course options.**

**BS in Chemistry****FRESHMAN YEAR**

<b>FALL</b>	<b>HOURS</b>
CHEM 1410, General Chemistry for Science Majors, or CHEM 1412, General Chemistry for the University Honors Program, or CHEM 1413, Honors General Chemistry**	3
CHEM 1430, Laboratory Sequence for General Chemistry**	1
ENGL 1310, College Writing I*	3
HIST 2610, United States History to 1865*	3
MATH 1650, Pre-Calculus	<u>5</u>
Total	15

**FRESHMAN YEAR**

<b>SPRING</b>	<b>HOURS</b>
CHEM 1420, General Chemistry for Science Majors, or CHEM 1422, General Chemistry for the University Honors Program or CHEM 1423, Honors General Chemistry**	3
CHEM 1440, Laboratory Sequence for General Chemistry**	1
ENGL 1320, College Writing II*	3
HIST 2620, United States History Since 1865*	3
Elective	3
Social and Behavioral Sciences*	<u>3</u>
Total	16

**SOPHOMORE YEAR**

<b>FALL</b>	<b>HOURS</b>
CHEM 2370, Organic Chemistry	3
CHEM 3210, Organic Chemistry Laboratory	1
LANG 2040, Foreign Language (intermediate)**	3
MATH 1710, Calculus I	4
Cross-cultural, Diversity and Global Studies* Humanities*	<u>3</u>
Total	17

**SOPHOMORE YEAR**

<b>SPRING</b>	<b>HOURS</b>
CHEM 2380, Organic Chemistry	3
CHEM 3220, Organic Chemistry Laboratory	1
LANG 2050, Foreign Language (intermediate)**	3
MATH 1720, Calculus II	3
Communication*	3
Literature**	3
Wellness*	<u>3</u>
Total	19

**JUNIOR YEAR**

<b>FALL</b>	<b>HOURS</b>
CHEM 3230, Physical Chemistry Laboratory Sequence	1
CHEM 3450, Quantitative Analysis	4
CHEM 3510, Physical Chemistry	3
MATH 2730, Multivariable Calculus	3
PHYS 1710, Mechanics	3
PHYS 1730, Laboratory in Mechanics	<u>1</u>
Total	15

**JUNIOR YEAR**

<b>SPRING</b>	<b>HOURS</b>
CHEM 3240, Physical Chemistry Laboratory Sequence	1
CHEM 3520, Physical Chemistry	3
PSCI 1040, American Government*	3
Minor/Elective (advanced)	3
Minor/Elective (advanced)	3
Visual and Performing Arts*	<u>3</u>
Total	16

**SENIOR YEAR**

<b>FALL</b>	<b>HOURS</b>
CHEM 4610, Advanced Inorganic Chemistry	3
PHYS 2220, Electricity and Magnetism	3
PHYS2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics	1
PSCI 1050, American Government*	3
CHEM (4000 level) or BIOC 3620, Elementary Biochemistry, or BIOC 4540 Biochemistry I	3
Minor/Elective (advanced)	<u>3</u>
Total	16

**SENIOR YEAR**

<b>SPRING</b>	<b>HOURS</b>
CHEM 4620, Advanced Inorganic Chemistry Laboratory	1
CHEM 4630, Instrumental Analysis	4
MATH 2700, Linear Algebra and Vector Geometry	3
Minor/Elective	2
Minor/Elective (advanced)	3
Minor/Elective (advanced)	3
Minor/Elective (advanced)	<u>2</u>
Total	18

Actual degree plans may vary depending on availability of courses in a given semester. Some courses may require prerequisites not listed. **Students may wish to use opportunities for electives to complete a minor of their choice or secondary education courses for teacher certification.**

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