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**BS in Biochemistry**

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 Curriculum section of this catalog for approved list of course options.*

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

**BS in Biochemistry****FRESHMAN YEAR**

<b>FALL</b>	<b>HOURS</b>
BIOC, 2000, Vistas in Biochemistry	1
BIOL 1710, Principles of Biology I, or BIOL 1711, Honors Principles of Biology I (may be used to satisfy Natural Sciences requirement*)	3
BIOL 1730, Principles of Biology I Laboratory*	1
CHEM 1410, General Chemistry I, or CHEM 1413, Honors General Chemistry**	3
CHEM 1430, General Chemistry Laboratory **	1
ENGL 1310, College Writing I*	3
MATH 1710, Calculus I	4
<b>Total</b>	<b>16</b>

**FRESHMAN YEAR**

<b>SPRING</b>	<b>HOURS</b>
BIOL 2040, Biology of Microorganisms; or BIOL 1720, Principles of Biology II, or BIOL 1722, Honors Principles of Biology II, and BIOL 1740, Principles of Biology II Laboratory (may be used to satisfy Natural Sciences requirement*)	4
CHEM 1420, General Chemistry, or CHEM 1423, Honors General Chemistry	3
CHEM 1440, General Chemistry Laboratory	1
ENGL 1320, College Writing II*	3
MATH 1720, Calculus II	3
<b>Total</b>	<b>14</b>

**SOPHOMORE YEAR**

<b>FALL</b>	<b>HOURS</b>
BIOC 2000, Vistas in Biochemistry	1
CHEM 2370, Organic Chemistry	3
CHEM 3210, Organic Chemistry Laboratory	1
LANG 2040, Foreign Language (intermediate, see major requirements)**	3
PHYS 1410, General Physics I, or PHYS 1510, General Physics I with Calculus, or PHYS 1710 Mechanics	3
PHYS 1430, General Physics I Laboratory, or PHYS 1530, General Physics I with Calculus Laboratory, or 1730 Laboratory in Mechanics	1
Communication**	3
PSCI 1040, American Government*	3
<b>Total</b>	<b>18</b>

**SOPHOMORE YEAR**

<b>SPRING</b>	<b>HOURS</b>
BIOL 3451/3452, Genetics with Laboratory	4
CHEM 2380, Organic Chemistry	3
CHEM 3220, Organic Chemistry Laboratory	1
LANG 2050, Foreign Language (intermediate, see major requirements)**	3
PHYS 1420, General Physics II, or PHYS 1520, General Physics II with Calculus, or PHYS 2220, Electricity and Magnetism	3
PHYS 1440, General Physics II Laboratory, or PHYS 1540, General Physics II with Calculus with Laboratory, or PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics	1
PSCI 1050, American Government II*	3
<b>Total</b>	<b>18</b>

**JUNIOR YEAR**

<b>FALL</b>	<b>HOURS</b>
BIOC 4540, Biochemistry I	3
BIOC 4560, Biochemistry Laboratory	2
BIOL 3510, Cell Biology	3
BIOL 3520, Cell Biology Laboratory	1
CHEM 3451/3452, Quantitative Analysis with Laboratory	4
HIST 2610, United States History to 1865*	3
<b>Total</b>	<b>16</b>

**JUNIOR YEAR**

<b>SPRING</b>	<b>HOURS</b>
BIOC 4550, Biochemistry II	3
BIOC 4570, Biochemistry and Molecular Biology of the Gene	3
BIOC 4580, Molecular Biology and Biotechnology Laboratory	2
HIST 2620, United States History Since 1865*	3
Visual and Performing Arts*	3
Wellness*	3
<b>Total</b>	<b>17</b>