

The example below outlines one path towards a Bachelor's of Science in the Biology Department. Students entering from high school without sufficient preparation, or those entering the program after their first semester, may, with careful planning and one or more summer semesters, be able to complete the program in four years.

\*A Bachelors of Arts degree requires four semesters of foreign language, or the equivalent.

**SEMESTER 1 (1<sup>st</sup> YEAR FALL)**

MATH 1170 <sup>1</sup> or 1210 <sup>1</sup> Calculus I	(4)
CHEM 1208 Intro Per Tabl (recommended)	(1)
CHEM 1210 <sup>2</sup> Gen Chemistry I	(4)
CHEM 1215 Gen Chemistry I lab	(1)
WTG 2010	(3)
<b>TOTAL</b>	<b>(13)*</b>

**SEMESTER 2 (1<sup>st</sup> YEAR SPRING)**

MATH 1180 or 1220 Calculus II	(4)
CHEM 1220 Gen Chemistry II	(4)
CHEM 1225 Gen Chemistry II lab	(1)
BIOL 1210 Princ of Biology (recommended)	(4)
IE (BF, FF, or HF)	(3)
<b>TOTAL</b>	<b>(16)</b>

\*Students requiring 15 CR for scholarship purposes add 2 CR of electives

**SEMESTER 3 (2<sup>nd</sup> YEAR FALL)**

CHEM 2310 Organic Chemistry I	(4)
BIOL elective <sup>3</sup>	(3)
IE (BF, FF, or HF)	(3)
DV	(3)
SCIENCE elective <sup>4</sup>	(3)
<b>TOTAL</b>	<b>(16)</b>

**SEMESTER 4 (2<sup>nd</sup> YEAR SPRING)**

BIOL 2010 Evol & Diversity (spring only)	(3)
BIOL 2020 Principles of Cell Biology	(3)
SCIENCE elective <sup>4</sup>	(3)
IE (BF, FF, or HF)	(3)
AI (ECON 1740, HIST 1700, or POLS 1100)	(3)
<b>TOTAL</b>	<b>(15)</b>

**SEMESTER 5 (3<sup>rd</sup> YEAR FALL)**

BIOL 2030 Principles of Genetics	(3)
BIOL elective <sup>3</sup>	(3)
PHYS 2X10 Physics I	(4)
IE (BF, FF, or HF)	(3)
IR	(3)
<b>TOTAL</b>	<b>(16)</b>

**SEMESTER 6 (3<sup>rd</sup> YEAR SPRING)**

BIOL 3410 Ecology & Evol (spring only)	(3)
BIOL 3510 Biochemistry I	(3)
PHYS 2X20 Physics II	(4)
CW	(3)
IE (BF, FF, or HF)	(3)
<b>TOTAL</b>	<b>(16)</b>

**SEMESTER 7 (4<sup>th</sup> YEAR FALL)**

BIOL FORM & FUNCTION	(3)
BIOL 3000+ elective <sup>3</sup>	(3)
BIOL 5000+-elective <sup>3</sup>	(3)
IE (BF, FF, or HF)	(3)
QI	(3)
<b>TOTAL</b>	<b>(15)</b>

**SEMESTER 8 (4<sup>th</sup> YEAR SPRING)**

BIOL 3000+ elective <sup>3</sup>	(3)
BIOL 5000+ elective <sup>3</sup>	(3)
QI	(3)
UPPER DIVISION elective	(3)
UPPER DIVISION elective	(4)
<b>TOTAL</b>	<b>(16)</b>

**Notes:**

<sup>1</sup> Placement in MATH 1170 or 1210 requires scoring a 28+ on the math ACT or 630+ on math SAT exams.

<sup>2</sup> Placement in CHEM 1210 requires completion of MATH 1050 or placement by ACT, SAT, or Accuplacer exams.

<sup>3</sup> Approved biology electives must include four classes with lab components totaling 5 lab units.

<sup>4</sup> Approved courses from the College of Science (Biology, Chemistry, Math, & Physics)

Some pre-professional schools or career options may require additional science courses.