



Biology

Total Credits: 42

Find the Website [here](#)

Department Chair: Dr. Alyssa Schuck

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REQUIRED COURSES

Course #	Course Name	Credits
BIOL 1011 & 1013	Biology Principles I – Lecture & Lab	4
BIOL 1012 & 1014	Biology Principles II – Lecture & Lab	4
CHEM 1045	General Chemistry I Lecture	3
CHEM 1046	General Chemistry II Lecture	3
CHEM 1047	General Chemistry Lab	2

Plus two (2) courses chosen from the following

COMP 1001 or 1300	Programming for non-CS majors or Introduction to Computer Science	4
MATH 1410 or 1412	Fundamentals of Calculus or Calculus I	4
MATH 1413	Calculus II	4
STAT 1021	Introduction to Statistics	3

All majors must take the Math Placement exam.

Up to two (2) credits in approved Independent Research/Summer Internship may apply towards Biology major.

ELECTIVE COURSES

Complete **20 credits** of Advanced Biology courses

Course #	Course Name	Credits
BIOL 3207 or 3521	Cell Biology or Molecular Biology	4
BIOL 3513 or 4023	Genetics or Micro Biology	4

Plus two (2) additional 4-credit lecture/lab courses **and** either an additional 4-credit lecture/lab course or two lecture-only courses. CHEM 1376 /1377, Biochemistry lecture/lab may count.

Biology Minor

Total Credits: 18+

REQUIRED COURSES

Course #	Course Name	Credits
BIOL 1011 & 1013	Biology Principles I – Lecture & Lab	4
BIOL 1012 & 1014	Biology Principles II – Lecture & Lab	4

Plus ten (10) additional BIOL credits including two (2) Lecture/Lab courses of 4 credits each and one (1) Lecture-only course (2-3 credits); Courses cross-listed in the Department of Biology **and** in Psychology cannot be counted towards the Biology Minor.

Note: "Journal Club" courses of 1 credit each do not count towards the Biology Major or Minor. BIOL 3221, Nutrition, does not apply towards the Biology Major or Minor.