

**College of Science**  
Department of Biological Sciences  
For students graduating in calendar year 2022  
and for student date of entry under UG Catalog 2020-2021  
Minor: Biological Sciences

**1. Complete the following required courses (26 credits):**

BIOL 1105 Principles of Biology <sup>1*</sup> (3)	BIOL 2134 Cell Function & Differentiation <sup>#</sup> (3)
BIOL 1106 Principles of Biology <sup>1*</sup> (3)	BIOL 2704 Evolutionary Biology <sup>#</sup> (3)
BIOL 1115 Principles of Biology Lab <sup>1*</sup> (1)	BIOL 2804 Ecology <sup>#</sup> (3)
BIOL 1116 Principles of Biology Lab <sup>1*</sup> (1)	CHEM 1035 General Chemistry <sup>1*</sup> (3)
BIOL 2004 Genetics <sup>#</sup> (3)	CHEM 1036 General Chemistry <sup>1*</sup> (3)

**2. Complete two of the following elective courses (6-8 credits):**

BIOL 3134 Human Genetics <sup>#</sup> (3)	BIOL 4334 Chemical Ecology <sup>#</sup> (3)
BIOL 3204 Plant Taxonomy <sup>#</sup> (3)	BIOL 4454 Invertebrate Zoology <sup>#</sup> (4)
BIOL 3404 Intro Animal Physiology <sup>#</sup> (3)	BIOL 4554 Neurochemical Regulation <sup>#</sup> (3)
BIOL 3454 Introductory Parasitology <sup>#</sup> (4)	BIOL 4594 EEB Senior Seminar <sup>#</sup> (3)
BIOL 3514 Introduction to Histology <sup>#</sup> (3)	BIOL 4664 Virology <sup>#</sup> (3)
BIOL 3774 Molecular Biology <sup>#</sup> (3)	BIOL 4734 Inflammation Biology <sup>#</sup> (3)
BIOL 3954 Study Abroad (var credit) <sup>2#</sup> ( )	BIOL 4474 Ethology <sup>#</sup> (3)
BIOL 4004 Freshwater Ecology <sup>#</sup> (4)	BIOL 4844 Proteomics Biol Mass Spec <sup>2#</sup> (3)
BIOL 4104 Developmental Biology <sup>#</sup> (3)	BIOL 4854 Cytogenetics <sup>#</sup> (3)
BIOL 4114 Global Change Ecology <sup>#</sup> (3)	BIOL 4874 Cancer Biology <sup>#</sup> (3)
BIOL 4134 Evolutionary Genetics <sup>#</sup> (3)	BIOL 4884 Cell Biology <sup>#</sup> (3)

**Minimum Total Required for Minor: 32-24 Credits**

**Notes:**

Students must have an in-minor and overall GPA of 2.0 to graduate. All courses taken to fulfill minor requirements will count toward the in-minor GPA.

<sup>1</sup> Students must earn a "C" or better in BIOL 1105, 1106, 1115, 1116, CHEM 1035, and CHEM 1036, or the equivalent. Only two attempts are allowed for each course.

<sup>2</sup> If BIOL 3954 is taken to fulfill minor requirements, the course must be taken for at least 3 credits.

<sup>#</sup> Some courses listed on this checksheet may have prerequisites; please consult the University Course Catalog or check with your advisor.

**\*Acceptable Substitutions**

<u>Required Course</u>	<u>Acceptable Substitution(s)</u>
BIOL 1105	BIOL 1005 General Biology
BIOL 1106	BIOL 1006 General Biology
BIOL 1115	BIOL 1015 General Biology Lab or BIOL 1125 Biological Principles Lab
BIOL 1116	BIOL 1016 General Biology Lab or BIOL 1126 Biological Principles Lab
BIOL 1105, 1115	BIOL 1205H Honors Biology (4)
BIOL 1106, 1116	BIOL 1206H Honors Biology (4)
BIOL 2134	BIOL 2104 Cell and Molecular Biology
BIOL 2704	BIOL 2704H Honors Evolutionary Biology
BIOL 2804	BIOL 2804H Honors Ecology
CHEM 1035	CHEM 1055 General Chemistry for Majors (4)
CHEM 1036	CHEM 1056 General Chemistry for Majors (4)

**Cross-listed Courses on this Checksheet**

ALS/BIOL 4554: Neurochemical Regulation