

Students majoring in Biochemistry and Biophysics, Biochemistry and Molecular Biology, Biohealth Sciences, Biology, Botany, Microbiology and Zoology cannot declare the Biology minor. The courses below may be shared with other majors outside of those listed above.

### Biology Minor Curriculum (47-51 credits)

- The minor includes a required introductory biology sequence with a chemistry prerequisite or co-requisite for the second term of each series. A term of organic chemistry is required to take BB 314 and some of the listed physiology courses. A C- or better in the BI 21x series is required to complete the minor.
- Minimum OSU GPA of 2.0
- **S/U and withdraw (W) policies:** Biology students cannot S/U major courses. All courses must be taken for a letter (A-F) grade
- Equivalent courses taken at other institutions may be substituted. Any substitutions must be approved by the Biology Program office.
- No upper-division course used to satisfy a major requirement may be used to fulfill the physiology, ecology and systematics, evolution, or genetics elective areas below.
- [Biology Minor Catalog](#)

The following courses must be completed satisfactorily (see above) to fulfill the Biology minor:

#### Required Core & Pre-requisite Courses:

Course Number:	Course Title:	Credits	Grade
BI 211, 212, 213  OR BI 221, BI 222, BI 223	Principles of Biology ( <i>prerequisite or co-requisite CH 121 or CH 231/261</i> )  Principles of Biology ( <i>prerequisite or co-requisite CH 121 or CH 231/261</i> )	12  12	
CH 121, CH 122, CH 123  OR CH 231/261, CH 232/262, 233/263	General Chemistry  General Chemistry ( <i>prerequisite MTH 111z OR minimum score of 060 in 'Math Placement – ALEKS'</i> )	15  15	
CH 331	Organic Chemistry ( <i>prereq General Chemistry sequence</i> )	4	
BI 311	Genetics ( <i>prerequisite a min. of C- in BI 2XX sequence</i> )	4	

Total Pre-req credits: 35

Electives (*minimum of 16 credits*) - Select one course from each of the following subject areas:

Subject Area	Course Title	Credits	Grade
Cellular and Molecular	BB 314: Cell and Molecular Biology ( <i>prerequisite a min. of C- in BI 2XX sequence and CH 331</i> )	4	
Ecology	BI 370: Ecology ( <i>prerequisite a min. of C- in BI 2XX sequence</i> ) Z 349: Biodiversity	3 3	
Evolution	BI 445: Evolution ( <i>prerequisite a min. of D- in BI 311</i> )	3	
Organismal and Physiology	BI 231: Intro to Human Anatomy & Physiology ( <i>BI 241 lab is optional</i> ) Z 371: Vertebrate Biology ( <i>Z 372 LAB is optional - prerequisite a min. of C- in BI 2XX sequence</i> ) Z 423: Environmental Physiology ( <i>prerequisite a min. of C- in BI 2XX sequence and CH Gen Chem Sequence</i> ) Z 477: Aquatic Entomology ( <i>prereq of a min. of C- in BI 2XX sequence</i> )	3 3 3 4	