

# BIOLOGY, MINOR

To access Minor Requirements, please view the Curriculum Guide tab.

## Related Links

Biology, Minor Program Page (<https://www.sru.edu/academics/majors-and-minors/biology/>)

Professional Licensure/Certification Page (<https://www.sru.edu/students/student-consumer-information/professional-licensures/>)

## Curriculum Guide

### GPA Requirements

Minor GPA: 2.0 or higher

### Minor Requirements

- Students must complete at least 6 credit hours in their minor from SRU.
- A minimum of 6 credit hours must be upper division (courses numbered 300 and above)
- A minor shall be no fewer than 18 credits.
- Students must earn a "C" or better in both Biology I with Lab (BIOL 113) and Biology II with Lab (BIOL 114) before proceeding to their next biology course.
- Students must earn a "C" or better in both Genetics with Lab (BIOL 250) and Biometry with Lab (BIOL 325) prior to graduating.

Code	Title	Hours
<b>Required Courses</b>		
BIOL 113	Biology I: Foundations of Ecology, Evolution and Diversity with Lab	4
BIOL 114	Biology II: Foundations of Molecules, Genes and Cells with Lab	4
BIOL 250	Genetics with Lab	4
BIOL 325	Biostatistics and Experimental Design with Lab	3
<b>Electives (300 level or above)</b>		
Select a minimum of six credits from 300 Level or Above Electives		6
300 Level or Above Electives (p. 1)		
<b>Total Hours</b>		<b>21</b>

### 300 Level or above Electives

Code	Title	Hours
BIOL 301	Forest Ecology	3
BIOL 302	Ecology of Amphibians & Reptiles/Lab	3
BIOL 303	Behavioral Ecology/Lab	3
BIOL 305	Wetlands and Aquatic Plants/Lab	3
BIOL 306	Freshwater Biomonitoring/Lab	3
BIOL 307	Vertebrate Ecology/Lab	3
BIOL 308	Aquatic Ecosystem Management / Lab	3
BIOL 310	Plant Diversity with Lab	3
BIOL 311	Entomology/Lab	3
BIOL 313	Herpetology/Lab	3
BIOL 314	Parasitology with Lab	3
BIOL 316	Immunology with Lab	3

BIOL 317	Ecology and Fungi	3
BIOL 320	Ornithology/Lab	3
BIOL 321	Wildlife Management/Lab	3
BIOL 322	Conservation Biology/Lab	3
BIOL 323	Stream Ecology/Lab	3
BIOL 326	Field Methods in Biogeography/Lab	3
BIOL 327	Limnology/Lab	3
BIOL 330	Microbiology/Lab	3
BIOL 331	Mammology/Lab	3
BIOL 335	Cell Biology	3
BIOL 340	Vertebrate Anatomy with Lab	3
BIOL 343	Embryology with Lab	3
BIOL 350	Evolution	3
BIOL 356	Field Ecology / Lab	3
BIOL 357	Environmental Microbiology with Lab	4
BIOL 360	Field Botany	3
BIOL 361	Flora of Western Pennsylvania	3
BIOL 370	Molecular Biology	3
BIOL 371	Vertebrate Field Zoology	3
BIOL 373	Ichthyology/Lab	3
BIOL 375	Ecology of Fish / Lab	3
BIOL 400	Disease Ecology	3
BIOL 401	Ecology with Lab	3
BIOL 402	Biogeography/Lab	3
BIOL 405	Animal Physiological Ecology with Lab	4
BIOL 410	Animal Physiology with Lab	3
BIOL 412	Population Biology	3
BIOL 430	Pathogenic Microbiology	3
BIOL 450	Biology Internship	3
BIOL 451	Plant Physiology/Lab	3
BIOL 470	Histology with Lab	3
BIOL 498	Selected Topics	3
MARS 221	Marine Invertebrates	3
MARS 241	Marine Biology	3
MARS 250	Wetland Ecology	3
MARS 260	Marine Ecology	3
MARS 270	Coastal Vegetation	3
MARS 298	Selected Topics	3
MARS 300	Behavior of Marine Organisms	3
MARS 310	The Mammals of Coastal Ecosystems	3
MARS 320	Marine Microbiology	3
MARS 330	Tropical Invertebrates	3
MARS 342	Marine Botany	3
MARS 343	Marine Ichthyology	3
MARS 344	Anatomy of Marine Chordates	3
MARS 345	Ornithology	3
MARS 350	Physiology of Marine Invertebrates	3
MARS 398	Selected Topics	3
MARS 420	Marine Micropaleontology	3
MARS 431	Ecology of Marine Plankton	3
MARS 441	Biology of Molluscs	3
MARS 490	Independent Study	3

MARS 491	Coral Reef Ecology	3
MARS 492	Marine Mammals	3
MARS 498	Selected Topics	3
MARS 500	Problems in Marine Science	3

### **Important Curriculum Guide Notes**

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

MINOR IN BIOLOGY (08A)

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