

## Biological Sciences Semester Conversion Guide for Majors

Major: **Biology**

Option: **Zoology**

Quarter System

Semester System

### Required BIO Courses

Units

Units

Quarter System	Units	Semester System	Units
Foundations of Biology: Energy and Matter, Cycles and Flows & Lab BIO 121/L	3/2	Foundations of Biology: Energy, Matter, and Information BIO 1210	3/1
Foundations of Biology: Reproduction and Development & Lab BIO 122/L	3/2	Split between BIO 1210/L and BIO 1220/L	
Foundations of Biology: Biodiversity & Lab BIO 123/L	3/2	Foundations of Biology: Evolution, Ecology, and Biodiversity BIO 1220	3/1
Biometrics BIO 211	3	Does not continue*	
Biometrics Lab BIO 211L	1	Biostatistics Lab BIO 2110L	1
Genetics BIO 303	4	Genetics BIO 2400	3
Cell and Molecular Biology BIO 310	4	Cell and Molecular Biology BIO 3220	3
Principles of Ecology & Lab BIO 325/L	3/1	Principles of Ecology & Lab BIO 3250/L	3/1
Principles of Evolution BIO 413	4	Principles of Evolution BIO 3240	3
Introduction to Invertebrate Zoology & Lab ZOO 237/L	3/2	Introduction to Invertebrate Zoology & Lab BIO 2370/L	3/1
Introduction to Vertebrate Zoology & Lab ZOO 238/L	3/2	Introduction to Vertebrate Zoology & Lab BIO 2380/L	3/1
Animal Physiology & Lab ZOO 428/L	4/1	Physiology II: Systems & Lab BIO 4460/L	3/1
Environment and Society BIO 304	4	Environment and Society BIO 3040	3
or Biodiversity Conservation BIO 340	4	or Biodiversity Conservation BIO 3120	3
Scientific Communication BIO 490	1	Does not continue*	

### Other Required Courses

General Chemistry & Lab 1st Quarter CHM 121/L	3/1	General Chemistry I & Lab CHM 1210/L	3/1
General Chemistry & Lab 2nd Quarter CHM 122/L	3/1	split between General Chemistry/Lab I & II	
General Chemistry & Lab 3rd Quarter CHM 123/L	3/1	General Chemistry II & Lab CHM 1220/L	3/1
Elements of Organic Chemistry CHM 201	3	Elements of Organic Chemistry CHM 2010	3
Elements of Organic Chemistry Lab CHM 250L	1	Elements of Organic Chemistry Lab CHM 2010L	1
Elements of Biochemistry CHM 321	3	Elements of Biochemistry CHM 3210	3
Elements of Biochemistry Lab CHM 321L	1	Elements of Biochemistry Lab CHM 3270L	1
College Physics & Lab 1st Quarter PHY 121/L	3/1	College Physics I & Lab PHY 1210/L	3/1
College Physics & Lab 2nd Quarter PHY 122/L	3/1	split between College Physics/Lab I & II	
College Physics & Lab 3rd Quarter PHY 123/L	3/1	College Physics II & Lab PHY 1220/L	3/1
Calculus for Life Sciences MAT 120	4	Calculus for Life Sciences MAT 1200	3
Statistics with Applications STA 120	4	Statistics with Applications STA 1300	3

\* We will allow students to petition out of these courses in semesters. Please consult an advisor.

Please note that you need to take other courses to satisfy your degree requirements. Please consult:

Curriculum Sheets

Biology Courses Offered in 2018-19