



Undergraduate Coursework in Biology

Fall Semesters

Introduction to Biology I with lab

Cellular, Molecular, & Developmental Biology
Ecology & the Environment

Lecture Courses (3 credit hours)

Biochemistry I
Evolution
Fundamentals of Biochemistry
Introductory Neuroscience
Mammalian Physiology
Medicinal Chemistry
Principles of Toxicology
Virology (W)

Lecture/Lab Courses (3-4 credit hours)

Biostatistics
Genomics (W)
Immunology
Invertebrate Biology
Introduction to Marine Science
Microbiology

Seminar Courses (1 credit hour)

Biology of Cancer
Ethical Traveler
Evolutionary Medicine
Global Health
Neurobiology of Aging
Oncology and Community Health

Special Problems/Projects Courses (both semesters; 1-3 credit hours)

Biol Research & Writing (W)
Independent Research
Senior Honors Research (W)
Teaching of Biology
Teaching of Advanced Biology

Spring Semesters

Introduction to Biology II with lab

Cellular, Molecular & Developmental Biology

Lecture Courses (3 credit hours)

Biochemistry II
Fundamentals of Biochemistry
Functional Neuroanatomy
Genetics
Human Parasitology
Immunobiology of Disease
Mammalogy
Terrestrial Ecosystems
Vertebrate Endocrinology

Lecture/Lab Courses (3-4 credit hours)

Avian Biology
Biochemistry Lab (W)
Biostatistics
Conservation Genetics (W)
Comparative Vertebrate Anatomy
Developmental Biology
Histology
Human Anatomy
Immunology
Marine Biology of the Tropics (SA,W)
Microbiology
Structural Biology of Drug Design (W)
Tropical Biology (SA,W)
Wildlife Ecology & Management

Seminar Courses (1 credit hour)

Behavioral Ecology
Human Health and Global Change
Health Service-Learning
Neurobiology of Aging
Population Genetics
Topics in Medicine

35 hours of Biology course work required for BS
Required courses typically taken in year 1 (orange)
Required course typically taken in year 2 (yellow)
SA = Study Abroad; W = Writing Emphasis Course

26 hours of Biology coursework required for BA
Elective courses taken in years 3 and 4 (green)
Note: Course offerings are subject to change