B.S. Biology, Ecology & Organismal Biology concentration (introductory chemistry) – four-year graduation plan

*This is an example of a four-year graduation plan for a degree in Biology, with the Ecology & Organismal concentration (choosing introductory chemistry). Courses marked with * are electives within the major; other choices are available.*

Year 1

Autumn

BIOB 160N/161N—Principles Living Systems/Lab (4)
CHMY 121N—Intro to General Chemistry (4)
! M 171—Calculus I (4) *[or M 162 Applied Calculus]*
! WRIT 101—College Writing I (3)
Total: 15 credits

Spring

BIOB 170N/171N—Biological Diversity/Lab (5)
CHMY 123/124—Organic & Biochemistry/Lab (6)
General Education Requirement (3)
Elective (1)
Total: 15 credits

Year 2

Autumn

BIOB 260—Cell and Molecular Biology (4)
General Education Requirement (3)
Intermediate Writing Course (3)
Elective (5)
Total: 15 credits

Spring

BIOB 272—Genetics and Evolution (4)
*STAT 216—Intro to Statistics (4)
General Education Requirement (3)
Elective (4)
Total: 15 credits

Year 3

Autumn

BIOE 370/371—General Ecology/Lab (5)
PHSX 205N/206N—College Physics I/Lab (5)
General Education Requirement (3)
Upper Division Elective (3)
Total: 16 credits

Spring

*BIOB 480—Conservation Genetics (3)
*BIOE 447—Terrestrial Ecosystem Ecology (3)
PHSX 207N/208N—College Physics II/Lab (5)
General Education Requirement (3)
Total: 14 credits

Year 4

Autumn

*BIOO 320—General Botany (5)
*BIOE 406—Behavior & Evolution (3)
Upper Division Elective (6)
Elective (1)
Total: 15 credits

Spring

*BIOB 435—Comparative Animal Physiology (3)
*BIOO 470—Ornithology (4)
General Education Requirement (3)
Upper Division Electives (4)
Electives (1)
Total: 15 credits

! Eligibility depends on placement exams *9/15/23*
**See catalog or your advisor for details on alternative course choices.*