

B.A. in Biology, Teacher Preparation (General Sciences Broadfield) – four-year graduation plan

*This is an example of a four-year graduation plan for a degree in Biology, Teacher Preparation-General Sciences Broadfield. Courses marked with * are electives within the major; other choices are available.*

To be licensed to teach in secondary schools with a Biology endorsement, students must be accepted to the College of Education's Teacher Preparation program, and complete their requirements (included in this plan).

Year 1

Autumn

BIOB 160N/161N—Principles Living Systems/Lab (4)
! CHMY 141N/142N—College Chemistry I/Lab (5)
! M 162—Applied Calculus (4) [or M 171 Calculus I]
Elective (1)

Total: 14 credits

Spring

BIOB 170N/171N—Biological Diversity/Lab (5)
CHMY 143N/144N—College Chemistry II/Lab (5)
! WRIT 101—College Writing I (3)
General Education Requirement (3)

Total: 16 credits

Year 2

Autumn

BIOB 260—Cell and Molecular Biology (4)
*NASX 105H—Intro to Native American Studies (3)
ASTR 131N/134N—Planetary Astronomy/Lab (4)
*LIT 110L—Intro to Literature (3)
General Education Requirement (3)

Total: 17 credits

Spring

BIOB 272—Genetics and Evolution (4)
CHMY 123—Intro Organic & Biochemistry (4)
ERTH 101N/103N—Earth Systems Science/Lab (4)
STAT 216—Intro to Statistics (4)

Total: 16 credits

Year 3

Autumn

PHSX 205N/206N—College Physics I/Lab (5)
EDU 202—Early Field Experience (1)
EDU 221—Educational Psychology (3)
EDU 345—Exceptionality & Classroom Manag. (3)
EDU 360—Promoting Wellbeing P-12 (2)
EDU 370—Integrating Tech into Education (3)

Total: 17 credits

Spring

*BIOO 433/434—Plant Physiology/Lab (4)
*GEO 105N—Oceanography (3)
PHSX 207N/208N—College Physics II/Lab (5)
General Education Requirement (3)

Total: 15 credits

Year 4

Autumn

BIOE 370/371—General Ecology/Lab (5)
CHMY 485—Laboratory Safety (1)
EDU 395—Field Experience (1)
EDU 407E—Ethics and Policy Issues (3)
EDU 481—Content Area Literacy (3)
EDU 497—Methods: 5-12 Science (3)

Total: 16 credits

Spring

EDU 494—Professional Portfolio (1)
EDU 495—Student Teaching: Secondary (14)

Total: 15 credits

! Eligibility depends on placement exams

**See catalog or your advisor for details on alternative course choices.*

9/15/23