B.A. in Biology, Teacher Preparation (Biology) – four year graduation plan

This is an example of a four year graduation plan for a degree in Biology, Teacher Preparation (Biology). 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)
1CHMY 121N—Intro to General Chemistry (3)
1M 162—Applied Calculus (4)
1WRIT 101—College Writing I (3)
Elective (1)
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)
PHSX 205N/206N—College Physics I/Lab (5)
CHMY 485—Laboratory Safety (1)
Intermediate Writing Course (3)
General Education Requirement (3)
Total: 16 credits

Spring
BIOB 272—Genetics and Evolution (4)
2NASX 105H—Intro to Native American Studies (3)
STAT 216—Intro to Statistics (4)
General Education Requirement (3)
Total: 14 credits

Year 3

Autumn
BIOE 370/371—General Ecology/Lab (5)
EDU 202—Early Field Experience (1)
EDU 221—Educational Psychology (3)
EDU 345—Exceptionality & Classroom Manag. (3)
EDU 370—Integrating Tech into Education (3)
HEE 330—Promotion Wellbeing P-12 (1)
Total: 16 credits

Spring
2BIOL 435—Comparative Animal Physiology (3)
BIOO 433/434—Plant Physiology/Lab (4)
2GEO 103N—Intro Environmental Geology (3)
General Education Requirement (3)
Elective (1)
Total: 14 credits

Year 4

Autumn
BIOM 360/361—General Microbiology/Lab (5)
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: 15 credits

Spring
EDU 494—Professional Portfolio (1)
EDU 495—Student Teaching: Secondary (14)
Total: 15 credits

1Eligibility depends on placement exams
2See catalog or DBS Advising Office for details on alternative course choices.