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). To be licensed to teach in secondary schools with a Broad-field Science 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 141N—College Chemistry I (5)
2M 162—Applied Calculus (4)
Elective (1)
Total: 14 credits

**Spring**
BIOB 170N/171N—Biological Diversity/Lab (5)
CHMY 143N—College Chemistry II (5)
1WRIT 101—College Writing I (3)
General Education Requirement (3)
Total: 16 credits

Year 2

**Autumn**
BIOB 260—Cell and Molecular Biology (4)
PHSX 205N/206N—College Physics I/Lab (5)
ASTR 131N/134N—Astronomy I/Lab (4)
Intermediate Writing Course/Literary & Artistic (3)
Total: 16 credits

**Spring**
BIOB 272—Genetics and Evolution (4)
PHSX 207N/208N—College Physics II/Lab (5)
CHMY 123—Intro Organic & Biochemistry (3)
GEO 101N/102N—Intro to Physical Geology (4)
Total: 16 credits

Year 3

**Autumn**
STAT 216—Intro to Statistics (4)
General Education Requirement (3)
EDU 202—Early Field Experience (1)
EDU 221—Educational Psychology (3)
EDU 345—Exceptionality & Classroom Manag. (3)
EDU 370—Integrating Tech into Education (3)
Total: 17 credits

**Spring**
1BIOO 433/434—Plant Physiology/Lab (4)
2NASX 105H—Intro to Native American Studies (3)
2GEO 105N—Oceanography (3)
HEE 233—Health Issues of Child/Adol (3)
General Education Requirement (3)
Total: 16 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

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