

Tailor Your Biology Degree To Your Interests

Beginning in Fall 2018, students who have earned at least 45 credit hours can declare a track within their Biology B.S. or B.A. with Topical Focus degree

DECLARE A TRACK

- To complete a track, 12 upper-level elective hours must be completed from the courses listed for each track. The remaining upper-level elective credit hours may come from the full list of approved electives.
- Six hours of independent research (BIO 394/395/397) can be counted toward the total upper-level electives, but only three hours of independent research can count toward the 12 hours required for each track other than General Biology.
- Of the total upper-level elective hours required, 9 hours must have a BIO prefix

Cellular, Molecular, and Developmental Biology

- BIO 308/309: Microbiology
- BIO 410: Vertebrate Endocrinology
- BIO 429: Dev. Biology
- BIO 494G: Immunobiology
- BIO 495: Bacterial Pathogenesis
- BIO 502: Cellular & Molec Physiology
- BIO 510: Recombinant DNA Techniques
- BIO 520: Bioinformatics
- BIO 527: Stem Cells
- BCH 401G: Biochemistry
- ...and more

Ecology and Evolutionary Biology

- BIO 337: Math Modeling
- BIO 351: Plant Kingdom
- BIO 375: Behavioral Ecology
- BIO 430G: Plant Physiology
- BIO 445: Sex
- BIO 461: Population Genetics
- BIO 418: Ecological Genetics
- BIO 530: Biogeography
- BIO 559: Ornithology
-and more

Genetics, Genomics, and Bioinformatics

- BIO 308/309: Microbiology
- BIO 404: Advanced Genetics
- BIO 405: Human Genetics
- BIO 418: Ecological Genetics
- BIO 429: Dev. Biology
- BIO 461: Population Genetics
- BIO 510: Recom DNA Techniques
- BIO 520: Bioinformatics
- PGY 417: Genomics
-and more

Physiology and Behavior

- BIO 302: Neuroscience
- BIO 305: Neuro Techniques
- BIO 375: Behavioral Ecology
- BIO 430: Plant Phys
- BIO 446: Neurophysiology
- BIO 507: Sleep and Circadian Rhythms
- BIO 535: Compar Neuro
- BIO 550: Advanced Physiology
- PSY 459: Neuropharm
-and more

Plant Biology

- BIO 310: Life Processes of Plants
- BIO 351: Plant Kingdom
- BIO 420G: Plant Taxonomy
- BIO 430G: Plant Physiology
- ENT 310: Insect Pests
- FOR 340: Forest Ecology
- PPA 400g: Plant Pathology
- PPA 400: Plant Pathology
- PLS 566: Soil Micro
-and more

Pre-Professional

- BIO 302: Neuroscience
- BIO 308/309: Microbiology
- BIO 405; Human Genetics
- BIO 410: Vertebrate Endocrinology
- BIO 429: Dev. Biology
- BIO 445: Sex
- BIO 494G: Immunobiology
- BIO 507: Sleep and Circadian Rhythms
- BIO 446: Neurophys
- BIO 550: Advanced Phys
- BCH 401G: Biochemistry
-and more

General Biology

see our full list of approved electives

See the full list of courses in the 'Biology Tracks' document

