

TAILOR YOUR BIOLOGY DEGREE TO YOUR INTERESTS: DECLARE A TRACK!

Students who have earned at least 45 credit hours can declare a track within their Biology B.S. or B.A. (with a Topical Focus) degree.

- 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, nine hours must have a BIO prefix.

Below are some courses that you can take as part of your upper level electives to satisfy each track. This is only a subset courses to give you and idea of what kinds of courses you could take within each track.

Tracks:

Cellular, Molecular, and Developmental Biology	Ecology and Evolutionary Biology	Genetics, Genomics, and Bioinformatics	Physiology and Behavior	Plant Biology	Pre- Professional	General Biology
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • BIO 337: Math Modeling • BIO 351: Plant Kingdom • BIO 375: Behavioral Ecology • BIO 430G: Plant Physiology • BIO 445: Sex Genetics • BIO 461: Population Genetics • BIO 418: Ecological Genetics • BIO 530: Biogeography • BIO 559: Ornithology •and more 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<p>see our full list of approved electives</p> 

