**BIO Upper-Level Electives Spring 2019**

- For the B.S. degree, a minimum of 9 of the 15 upper-level electives must be BIO courses (i.e. must have a BIO prefix).
- For the B.A. with Topical Focus, a minimum of 9 of the 15 upper-level electives must be BIO courses.
- For the B.A. with Minor option, a minimum of 6 of the 4-9 upper-level elective credit hours be BIO courses.
- If fewer than 6 hours are required to complete the requirements, all hours must be BIO courses.
- For the Biology minor, a minimum of 4 of the elective credit hours be BIO courses.

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For those who started the program F17 or after

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**Courses**

- BIO 302 (3) Introduction to Neuroscience
- BIO 305 (3) Introduction to Neuroscience Techniques
- BIO 308 (3) General Microbiology
- BIO 309 (2) Microbiology Laboratory
- BIO 337 (3) Math Modeling in Life Sciences
- BIO 394 (1-3) Independent Research in Neuroscience
- BIO 395 (1-3) Independent Research in Biology
- BIO 397 (1-3) Independent Research in Microbiology
- BIO 405 (3) Human Genetics
- BIO 410 (3) Vertebrate Endocrinology
- BIO 420G (4) Taxonomy of Vascular Plants
- BIO 429/629* (3) Developmental Biology
- BIO 461 (3) Introduction to Population Genetics
- BIO 494G (3) Immunobiology
- BIO 495G (3) Bacterial Pathogenesis
- BIO 507 (3) Biology of Sleep
- BIO 509 (3) Neuroscience of Pollination
- BIO 535 (3) Comparative Neurobiology and Behavior
- BIO 568 (3) Insect Behavior
- BIO 580-001 (3) Microscopy
- BIO 608* (2) Behavioral Ecology and Life Histories (meets with BIO 621)
- BIO 621* (1) Behavioral Ecology and Life Histories (discussion- meets with BIO 608)
- BIO 623* (3) Physiology of Plants II
- BIO 625* (3) Insect-Plant Relationships
- BIO 636* (4) Insect Molecular Biology

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*600 level courses require special permission to register. Complete the “Undergraduate Enrollment in a Graduate-Level Course” form.*