

## BS in Biology with concentration in Ecology

This is a suggested schedule that will allow you to complete your degree in four years. When selecting advanced biology electives, you should note that some specialized courses are offered only every other year, while others are offered only in fall or spring. Interesting biology electives may also have prerequisites, so be sure to check and plan well in advance. This schedule does not include summer courses, but completing some general education or introductory science requirements in the summer will give you more options for fitting a desired advanced elective into the fall or spring semesters.

First Year, Fall (15-16 h)	First Year, Spring (15-16 hours)
Gen 101 (1 h) Biology 240 (3 h) Chemistry 201/207/208 (5 h) Language 1 (3-4 h) <sup>a</sup> Gen Ed requirement (3 h) <sup>b</sup>	Biology 242 (3 h) Biology 244 (2 h) Chemistry 202/209 (4 h) Language 2 (3-4 h) <sup>a</sup> Gen Ed requirement (3 h) <sup>b</sup>
Second Year, Fall (15 hours)	Second Year, Spring (16 hours)
Biology 329 (3 h) Chemistry 341/343 (5 h) Math 205 (4 h) Gen Ed requirement (3 h) <sup>b</sup>	Biology 330/331 (5 h) Chemistry 342/344 (5 h) Gen Ed requirement (3 h) <sup>b</sup> Gen Ed requirement (3 h) <sup>b</sup>
Third Year, Fall (15-17 hours)	Third Year, Spring (17-18 hours)
Biology 363 (3 h) Organismal biology elective (3-4 h) <sup>c</sup> Physics 221/223 <u>or</u> Geos 301 or 367 (3-4 h) <sup>d</sup> Gen Ed requirement (3 h) <sup>b</sup> Gen Ed requirement (3 h) <sup>b</sup>	Biology 401/402 (5 h) Biology 409 (3 h) Physics 222/224 <u>or</u> Geos 355, 357, 363 or 365 (3-4 h) <sup>d</sup> Statistics (Biology 350 or Psych 301) <sup>e</sup> (3 h) Gen Ed requirement (3 h) <sup>b</sup>
Fourth Year, Fall (15-18 hours)	Fourth Year, Spring (15-18 hours)
Ecology elective <sup>f</sup> (3-4 h) Biology electives (6-8) <sup>g</sup> Gen Ed requirements (3 h) <sup>b</sup> Hum / SS elective at 300 level or above (3 h)	Ecology elective (3-4 h) <sup>f</sup> Biology electives (6-8 h) <sup>g</sup> Hum / SS elective at 300 level or above (3 h) Gen Ed requirement (3 h) <sup>b</sup>

<sup>a</sup> Students with high school language experience or multilingual backgrounds should consult the Classical and Modern Languages Department for information on partially or completely satisfying the language requirements through testing.

<sup>b</sup> You do not need extra classes for Gen Ed math and Natural Sciences requirements, which are met in the major.

<sup>c</sup> Biology 305, 308, 485, 514, or 519

<sup>d</sup> You must take a sequence of courses in either physics (221/223 and 222/224) or geosciences (301 or 367 and one of 355, 357, 363, and 365)

<sup>e</sup> Both Bio 350 and Psych 301 meet the statistics requirement. In addition, Bio 350 (spring only) will count as a biology elective, and Psych 301 will count as one of the SS electives listed in the 4<sup>th</sup> year.

<sup>f</sup> Biology 310, 372, 410, 440, 510, 515, 522, 524, 562, 567, or 572

<sup>g</sup> You need a total of 48 hours in biology, including 19 hours in the core, 17-20 hours in ecology track requirements, and 9-12 hours in biology electives. Be sure your numbers add up to the required totals!

Other requirements you must satisfy within the above selections:

- Two writing (WR) classes
- Two cultural diversity classes
- At least 50 hours at 300 level or above.