

A Possible Track in Ecology/Conservation/Environmental Biology (B.S.)

Biology “core” courses (12)

- Biology 240 - Cells and Genetics (4)
- Biology 260 - Organismal Biology (4)
- Biology 280 - Ecology and Evolutionary Biology (4)

Upper-level Biology courses (24)

- Biology 343 - Vascular Plant Systematics (4)
- Biology 315 - Advanced Topics in Ecology (esp. Conservation Biology) (4)
- either Biology 360 (Genetics) or Biology 395 (Microbiology) (3-4)
- either Biology 370 (Animal Behavior) or Biology 421 (Evolutionary Biology) (4)
- either Biology 374 (Biology of Insects), Biology 422 (Invertebrate Zoology), Biology 432 (Vertebrate Zoology), Biology 395 (Marine Biology and Biophysics), Biology 395 (Mathematical Biology) or Biology 332 (Comparative Anatomy) (4)
- *at least* one other upper-level biology course – preferably from those listed above

Other sciences (33)

- Chemistry 111/113 (4)
- Chemistry 121/114 (4)
- Chemistry 221/255 (5)
- Chemistry 231/256 (4)
- Physics 105/107 (4) (121/141 ok, too)
- Physics 106/108 (4) (122/142 ok, too)
- Math 131 (4)
- either Math 132 (Calc II), Math 210 (Stats), or CSCI 160 (Intro. to Scientific Computing) (4)

An off-campus, summer- or semester-length field-based program at a biological station is *strongly recommended*. Most courses offered in such programs will transfer to hope and either substitute for specific requirements listed above or count for elective credits within biology. Students should clear each course with the department chair prior to taking it.

Any GES courses (perhaps consider the Environmental Science minor (up to 14) would also be good additions, especially for careers that involve environmental consulting and management.

Economics 212 (Microeconomics; need to get permission to waive prerequisite) would also be useful.