

ECOLOGY AND EVOLUTION

The Ecology and Evolution courses listed will provide students with a focus on ecological and evolutionary processes, and their interactions. *

The Department strongly recommends that students interested in ecology take additional courses in organismal biology (see the Organismal Biology link for a full list of organismal biology courses).

Foundation Courses (these courses should be taken)

BIOL 355: Evolution

BIOL 330: Study Design & Data Analysis (L)

Supporting Courses (take as many as possible)

BIOL 319: Marine Ecology (L)

BIOL 345: Animal Behaviour (L)

BIOL 346: Freshwater Ecosystems

BIOL 370: Conservation Biology *

BIOL 418: Forest Ecology (L) (offered in alternate years)

BIOL 457: Paleoecology & Environmental Change

BIOL 462: Community & Ecosystem (T)

Other Relevant Courses

BIOL 311: Biological Oceanography (L)

BIOL 335: Ichthyology (L)

BIOL 438: Nutrient Cycling & Prokaryotes (offered in alternate years)

BIOL 446: Advanced Aquatic Ecology

BIOL 461: Fisheries Ecology & Management*(T)

BIOL 466: Frontiers in Marine Biology

BIOL 468: Food Web Ecology

(L) = lab; (T) = tutorial

*Note: Students interested in pursuing accreditation as a Registered Professional Biologist with the College of Applied Biology must take at least one of BIOL 370 and BIOL 461, and must take a Communications course (e.g. ENGL 135). Applications should be made through the Stream 2 - non-accredited programs pathway with the College of Applied Biology. Questions should be directed to the College of Applied Biology.