

BIOL 323: CONSERVATION BIOLOGY

Study the major themes of the conservation of biodiversity: ecosystem diversity and distribution; ecological processes; and human impacts. Case studies will be used to examine natural resource conservation in the context of socio-economic values. Recommended: General knowledge of biology and college-level skills in math and English. (E)

Course Student Learning Outcomes

1. Develop a better understanding of ecology and environmental science principles.
2. Be able to identify and describe human caused changes to ecosystems.
3. Be able to utilize conceptual and mathematical ecological models to identify genetic, and ecological effects of species population loss or decline due to exploitation, habitat loss, and introduced species competition.
4. Recognize socio-economic implications of degraded ecosystem function and services.
5. Have engaged in critical thinking about environmental laws, natural resource policy and management.
6. Further a personal vision of natural resource conservation.

Credits: 5

Prerequisites: MATH& 146 or permission of instructor.

Program: [Biology](#)