

## **BG 340 - Ecology**

3 Credit Hours

This course builds a foundation for how science works through the examination of the mechanisms of evolutionary change, with an emphasis on the genetic and evolutionary strategies that living organisms use to manage challenges of life. The ecology of individuals and population dynamics will also be discussed. Major topics include the genetics and ecology of natural populations, adaptation, molecular evolution and macroevolution, and the application of evolutionary and ecological concepts to conservation biology.

### **Prerequisites**

[BG 210](#)