

## BIOL 345: Ecology

Study of the relationships of organisms to their environments and to each other, and how these relationships drive evolutionary histories. Emphasis on assessment and importance of habitat structure and variation, population genetics and dynamics, community transitions, and species interactions, along with student led research projects and topic review. Laboratory component involving sampling and assessment of ecological variables in a variety of habitat types throughout southwestern Virginia.

**Credits:** 4

**Lab Hours:** 4

**Lecture Hours:** 3

**Prerequisites:**

201.

**Program:** Biology