

# BIO 7705: Plant Ecology

Ecological principles are considered at the plant species, population, community, and ecosystem levels of organization. Topics discussed in detail include ecological plant physiology, succession, productivity of ecosystems, soils, nutrient cycling, the effects of disturbances on ecosystem structure and function, and the major vegetation types in North America. Field and laboratory studies complement the lecture material.

**Credits:** 4.0

**Program:** [Biology](#)