

# BIOL 3440 : Plant Physiological Ecology

Study of abiotic and biotic factors that influence the dynamics of plant communities. After initial study of individual leaves and whole plants, the physiological processes are scaled up to canopy and ecosystem level. Lecture: 3 hours. Laboratory: 3 hours. Laboratory methods in plant physiological ecology. Addresses ecological principles, vegetation sampling methods and physiological and biochemical techniques. Local field trips for sampling. Prerequisites: [CHEM 2343](#), [BIOL 3321](#), MATH 3430.

**Credits** 4

**Course ID**

006244

**Requisites**

[BIOL 3440](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#), [CHEM 2343](#)

**Semester Offered**

[Offered as needed](#)