



Fall 2017 course (3 hrs):

Plant ecology

BOT 4601/BSC 6932

**Class meetings: MW 9:30-10:45, CMC
118**



BSC 6932 discussion section W 11-12

This lecture course will cover the ecology of plants on a number of different scales:

- ecophysiology of individuals
- populations: growth, decline, and evolution
- plant communities and their characteristics
- communities in landscapes
- global environmental change and its relation to plants

Plant ecology involves some issues that are particular to plants, like

- responses to and defenses against herbivory
- adaptations of plants to environments like deserts, oceans, and Florida swamps
- tradeoffs between transpiration and photosynthetic rates
- evolution of flowers and reproductive systems
- seed dispersal and pollination biology



Further information:

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