

Fungi

PBIO 195 (4 credits)

Summer 2014, Dr. Terry Delaney



Description:

This course combines lecture, field and lab formats, where you will learn about mushrooms and other fungi through field collections, lectures and discussions, lab study and producing a collection.

- 2) We will survey, identify and study the major fungal groups, especially within the basidiomycetes (e.g. mushrooms, rusts and smuts), ascomycetes (e.g. cup fungi, yeasts and mildews), and will also touch on the fungus-like oomycetes that cause a number of important plant diseases (e.g. late blight).
- 3) We will analyze and identify field-collected fungi, especially mushrooms, using visible, microscopic and other features. Some fungi may be cultured.
- 4) Learn the unique and shared features of each group, including biology, form, reproductive strategies, roles as key ecosystem members, pathogens on other creatures, and value as foods, poisons and drugs. We will highlight many species that have had large impacts on human health, culture, and even politics!

**Fungi (PBIO195) meets May 19-June 13,
Mon, Tues, Wed, Thurs, at 9 AM-12:45 PM**

Continuing Education: <http://learn.uvm.edu/>
PBIO 195 Z2, "Fungi": CRN: 60891

Prereq: College-Biology or equivalent or instructor permission.

This course, as "Biology of Fungi" (PBIO177) will also be taught fall, 2014.

