

~Fungi~

PBIO195 (new course) 4 credits*

Instructor: Dr. Terry Delaney



Course Description:

- 1) Learn about fungi through field collections, lectures, discussions and lab exercises.
- 2) We will survey, identify and study the major fungal groups, especially within the basidiomycetes (e.g. mushrooms, rusts and smuts), ascomycetes (e.g. yeasts and mildews), and will also include the fungus-like oomycetes that cause a number of important plant diseases (e.g. late blight).
- 3) We will analyze field-collected fungi, especially mushrooms, and will use visible, microscopic and other features for identification. Some fungi will be grown from culture.
- 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" (PBIO 195) will be offered this summer through Continuing Education-July 18 to August 12 (Mon, Tues, Wed, Thurs, 9 AM-12:45 PM).

Continuing Education: <https://learn.uvm.edu/>
PBIO 195 Z1, "Fungi": CRN: 60418

Prereq: College-Biology/equiv/instructor permission.

"Fungi" PBIO195 will later be taught in alternating fall semesters, beginning 2012.

