

# ~Fungi~

Summer 2013 (P BIO195; 4 credits)  
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. 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” (P BIO 195) will be offered this summer through Continuing Education-July 15 to August 8 (Mon, Tues, Wed, Thurs, 9 AM-12:45 PM).

Continuing Education: <https://learn.uvm.edu/>  
P BIO 195 Z2, “Fungi”: CRN: 61091

Prereq: College-Biology or equivalent or instructor permission.

**“Fungi” is also taught in alternating fall semesters; next in 2014.**

