

Edible and Poisonous Fungi

11:776:257 (1 credit)

Fall Semester (yearly)

Wednesday (55 minute lecture) 12:50 – 1:45 PM 103 CDL

CONTACT INFORMATION

Instructor: Dr. James White
Office Location: 294A Foran Hall, 59 Dudley Rd., New Brunswick, NJ 08901
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Office Hours: by e-mail appointment

COURSE DESCRIPTION

This course focuses on macroscopic and other fungi of economic importance and is designed for all majors with an emphasis on cultural impacts of fungi.

COURSE WEBSITE, RESOURCES AND MATERIALS

- Course website: Sakai
- Supplemental materials:
 - Any illustrated mushroom guide
 - Other materials will be posted to Sakai

PREREQUISITE

None

COURSE LEARNING GOALS

(Link to Plant Biology Undergraduate Program Goals: <http://plantbiology.rutgers.edu/undergrad/plantbiology/>)

By the end of this course, the student will be able to:

1. Recognize features of the major groups of mushrooms (addresses program goal 1)
2. Describe specific edible and poisonous mushrooms (addresses program goal 1)
3. Describe how fungi have been used in human cultures (addresses program goals 1 and 2)

ASSIGNMENTS/RESPONSIBILITIES AND ASSESSMENT

Grading (100 points)

- | | |
|---------------------------------|-----------|
| • Attendance (5 points/lecture) | 60 points |
| • Final exam | 10 points |
| • Special projects | 30 points |

Grades will be classified based on Rutgers approved system: A, B+, B, C+, C, D, and F (10-point scale).

Special project: Individual projects (30% of final grade) may consist of the following: 1) collection and identification of fungi (5 points/fungus); 2) creative mushroom projects (2, 15 points per project); 3) research project (30 points).

Learning goals assessment: Specific questions on the final exam and a graded special project will be used to assess student knowledge of all course learning goals. The percentage score on these assessments will determine the level of mastery: >90% outstanding; 80-89% good; 70-79% satisfactory; <69% unsatisfactory.

PARTICIPATION GRADE AND ABSENCE POLICY

Attendance is mandatory (5 points per lecture; 1 unexcused absence without penalty). Students who expect to miss class may use the University absence reporting website (<https://sims.rutgers.edu/ssra/>) to indicate the date and reason for the absence. An e-mail is automatically sent to the instructor.

COURSE SCHEDULE

Week	Topic
1	What are fungi?
2	How fungi grow and reproduce
3	Mushroom identification
4	Ascomycete diversity
5	Mushroom paper
6	Cryptic microbes
7	Edible and poisonous mushrooms
8	Slime molds
9	Ethnomycology
10	Early history of mycology
11	Mycophagy: the cooking and eating of wild mushrooms
	Thanksgiving recess
12	Lichens
13	Fungi and human cultures
14	Review
	Final exam
	Last day to submit projects

FINAL EXAM/PAPER DATE AND TIME

The final exam (10% of grade) is comprehensive and is scheduled for normal class time.

ACCOMODATIONS FOR STUDENTS WITH DISABILITIES

Please follow the procedures outlined at <https://ods.rutgers.edu/students/registration-form>. Full policies and procedures are at <https://ods.rutgers.edu/>

ACADEMIC INTEGRITY

The university's policy on Academic Integrity is available at <http://academicintegrity.rutgers.edu/academic-integrity-policy/>

The principles of academic integrity require that a student:

- Properly acknowledge and cite all use of the ideas, results, or words of others.

- Properly acknowledge all contributors to a given piece of work.
- Make sure that all work submitted as his or her own in a course or other academic activity is produced without the aid of impermissible materials or impermissible collaboration.
- Obtain all data or results by ethical means and report them accurately without suppressing any results inconsistent with his or her interpretation or conclusions.
- Treat all other students in an ethical manner, respecting their integrity and right to pursue their educational goals without interference. This requires that a student neither facilitate academic dishonesty by others nor obstruct their academic progress.
- Uphold the canons of the ethical or professional code of the profession for which he or she is preparing.

Adherence to these principles is necessary in order to ensure that:

- Everyone is given proper credit for his or her ideas, words, results, and other scholarly accomplishments.
- All student work is fairly evaluated and no student has an inappropriate advantage over others.
- The academic and ethical development of all students is fostered.
- The reputation of the University for integrity in its teaching, research, and scholarship is maintained and enhanced.

Failure to uphold these principles of academic integrity threatens both the reputation of the University and the value of the degrees awarded to its students. Every member of the University community therefore bears a responsibility for ensuring that the highest standards of academic integrity are upheld.

STUDENT WELLNESS SERVICES

Just In Case Web App <http://codu.co/cee05e>

Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901 / www.rhscaps.rutgers.edu/

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / www.vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>.

Scarlet Listeners

(732) 247-5555 / <http://www.scarletlisteners.com/>

Free and confidential peer counseling and referral hotline, providing a comforting and supportive safe space.