

Fungi: Friends & Foes – PATH (PBIO/ANTH) 3010
Spring 2017, 3 credits

Course goals: Students will gain an appreciation of the Kingdom Fungi and a basic understanding of the impacts of fungi on human civilization and culture.

Instructor: Dr. Marin Talbot Brewer; mtbrewer@uga.edu; 706-542-1254; 2309 Miller Plant Science Building

Teaching assistant: Hannah Halpern; hannah.halpern25@uga.edu

Office hours: By appointment; please do not hesitate to contact us to make arrangements

Lectures: 9:30 AM – 10:45 AM TU/TH in 2-100 Forestry Building

Online resources: Course materials will be made available online via eLC.

Text and course materials: There is no required text; reading assignments will be announced and posted on eLC; Turning Technologies ResponseCard NXT or QT (**clicker**) is available from the bookstore or via eLC.

Attendance/participation: You are expected to attend lectures. We will be using the clickers (ResponseCard NXT or QT) regularly in class to conduct exercises for participation. Register your clicker on eLC. Please **bring your clicker to every class**. Some handouts will be made available via eLC, but detailed notes will not be distributed.

Technology etiquette: **No laptops** during class. Please **turn off phones** and **do not text** during class.

Points:

Exams (lowest score will be dropped)	400 points (100 each)
Attendance, participation	50 points
Quizzes, assignments	50 points
Total	500 points

Grading:

A = 92% to 100%; A- = 90% to 91%; B+ = 87% to 89%; B = 83% to 86%; B- = 80% to 82%; C+ = 77% to 79%; C = 73% to 76%; C- = 70% to 72%; D = 60% to 69%; F < 60%

Exams (400 pts): Exams will be multiple choice and matching. There will be five exams during the semester, including a non-cumulative final exam (100 pts. each). You can drop the lowest score of the five exams (including the Final) as long as you complete a course evaluation during the final day of class. A missed exam due to illness, graduate school visit, or any other reason will count as the dropped exam. Please **bring IDs and clickers to all exams**.

Attendance, participation (50 pts): There will be in-class clicker participation activities throughout the semester. Approximately four of these will be waived. If you miss an activity for any reason or forget your clicker it counts toward the number that can be waived. You must be present with your clicker to receive credit.

Quizzes, assignments (50 pts): There will be quizzes and small assignments throughout the semester. These will be announced. Most will be conducted via eLC.

Academic honesty: I expect all students to follow the UGA honor code. Any cheating or other academic dishonesty will be reported to the Office of the Vice President of Instruction for action. Logging in on the clicker system for another student is cheating.

“I will be academically honest in all of my work and will not tolerate academic dishonesty of others.” UGA Student Honor Code

Course Outline – Fungi: Friends & Foes – PATH (PBIO/ANTH) 3010

Date	Lecture topic	
Jan	TH 5	1. Introduction
	TU 10	2. The Rotten World Around Us
	TH 12	3. Classification
	TU 17	4. Naming
	TH 19	5. Dispersal
	TU 24	6. Plant diseases
	TH 26	Exam I (1-6)
TU 31	7. Tree diseases	
Feb	TH 2	8. Rusts
	TU 7	9. Ergot
	TH 9	10. Mycotoxins
	TU 14	11. Medicinal fungi
	TH 16	Exam II (7-11)
	TU 21	12. Mycoses
	TH 23	13. Demo I (9:30am to 12:00pm; 2108 Plant Science)
TU 28	14. Allergy, asthma, and indoor molds	
Mar	TH 1	15. Yeasts
	TU 07	Spring Break
	TH 09	Spring Break
	TU 14	16. Fungi in food
	TH 16	Exam III (12 - 16)
	TU 21	17. Edible wild mushrooms
	TH 23	18. Poisonous mushrooms
	TU 28	19. Commercial production
TH 30	20. Hallucinogens	
Apr	TU 04	21. Wood decay
	TH 06	Exam IV (17- 21)
	TU 11	22. Fungi and insects
	TH 13	23. Symbiotic fungi with plants/algae
	TU 18	24. Honors Credit presentations
	TH 20	25. Demo II (9:30am to 12:00pm; 2108 Plant Science)
TU 25	26. Fungal Feast	
May	TU 2	Exam V/Final Exam (22 - 26); 8AM to 11AM

The course syllabus is a general plan for the course; deviations are likely and will be announced.