

**Fungi: Friends & Foes – PATH (PBIO/ANTH) 3010**  
**Spring 2021, 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; 1606A Miller Plant Science Building

**Teaching assistants (TAs):** Nabin Sedhain, nps21718@uga.edu; Li Wang, li.wang1@uga.edu; Brooke Warres, brooke.warres@uga.edu

**Office hours:** By appointment; please do not hesitate to contact me to make arrangements. The drop-in hours for each TA and the associated zoom link are posted on eLC.

**Lectures:** 9:35 AM – 10:50 AM TU/TH on zoom. The zoom link is posted on eLC.

**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; TopHat is available from the bookstore or via eLC (see TopHat module under course content).

**Attendance/participation:** You are expected to participate in zoom lectures. We will be using TopHat regularly during class to keep you engaged and conduct exercises for participation. Exams will also be administered on the TopHat platform. Slides will be made available via eLC, but detailed notes will not be distributed.

**Points:**

Exams (one waived or lowest score will be dropped)	400 points (100 each)
Participation	50 points
Quizzes, assignments (one waived or lowest score will be dropped)	50 points (10 each)
<b>Total</b>	<b>500 points</b>

**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 = 70% to 76%; D = 60% to 69%; F < 60%

**Exams (400 pts):** Exams will be multiple choice, matching, one-word answer, click on target. There will be five exams during the semester (100 pts. each). **You can drop the lowest score of the five exams** as long as you complete a course evaluation. A missed exam due to illness, death in the family, graduate school visit, intramural sports, extracurricular activities, job interview, or any other reason will count as the dropped exam. **There will be no make-up exams.** You must contact me immediately if there are extenuating circumstances causing you to miss more than one exam.

**Attendance, participation (50 pts):** There will be in-class participation activities throughout the semester conducted with TopHat. There will be numerous opportunities to earn these points, so you can miss some activities (~3-4 classes) without it affecting your participation grade. **There will be no make-up participation activities.** You must contact me immediately if there are extenuating circumstances where you miss participation credit in more than 4 classes.

**Quizzes, assignments (50 pts):** There will be six quizzes and small assignments throughout the semester. These will be announced. Most will be conducted via eLC. **These must be completed by the due date.** You will be given at least 1 week to complete these assignments or quizzes. One of these will be waived or dropped. **There will be no make-up quizzes or assignments.**

**Academic honesty:** I expect all students to follow the UGA honor code. Any cheating, unauthorized assistance or use of materials, or other academic dishonesty will be reported to the Office of the Vice President of Instruction for action. **“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**

<b>Date</b>		<b>Lecture topic</b>
<b>Jan</b>	TH 14	1. Introduction
	TU 19	2. The Rotten World About Us
	TH 21	3. Classification
	TU 26	4. Naming
	TH 28	5. Dispersal
<b>Feb</b>	TU 2	6. Plant diseases
	<b>TH 4</b>	<b>Exam I (1-6)</b>
	TU 9	7. Tree diseases
	TH 11	8. Rusts
	TU 16	9. Ergot
	TH 19	10. Mycotoxins
	<b>TU 23</b>	<b>Exam II (7-10)</b>
	<b>TH 25</b>	<b>Fungi Day 1 (Activity TBD)</b>
<b>Mar</b>	TU 2	11. Medicinal fungi
	TH 4	12. Mycoses
	TU 9	13. Allergy, asthma, and indoor molds
	TH 11	14. Fungi in food
	<b>TU 16</b>	<b>Exam III (11 – 14)</b>
	<b>TH 18</b>	<b>Fungi Day 2 (Activity TBD)</b>
	TU 23	15. Yeasts
	TH 25	16. Edible wild mushrooms
	TU 30	17. Poisonous mushrooms
<b>Apr</b>	TH 1	18. Commercial production
	<b>TU 6</b>	<b>Exam IV (15– 18)</b>
	<b>TH 8</b>	<b>UGA Break Day</b>
	TU 13	19. Hallucinogens
	TH 15	20. Wood decay
	TU 20	21. Fungi and insects
	TH 22	22. Symbiotic fungi with plants/algae
	TU 27	Honors Credit presentations
	<b>TH 29</b>	<b>Exam V (19 – 22)</b>
<b>May</b>	<b>TU 11</b>	<b>TBD (8:00AM to 11:00AM)</b>

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