# Biodiversity of Macrofungi - BIOL 3530 FALL 2020 – Social Distance-Modified, HyFlex Lecture, Face-to-Face Lab, Partially Flipped

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Office Hours - via VoiceThread send me an email if I do not respond quickly. Face-to-face by appointment

Social Distancing Modification There are too many students in the class to socially distance in lab. Therefore, students will be split into two groups, Group Asco and Group Basidio. In many cases, when Group Asco is in lab, Group Basidio will be in lecture, and vice versa. Obviously, I cannot be in two places at the same time, so there will be a handful of lab sessions where I will not be present, and a handful of recorded lectures when your modified lab-time overlaps with lecture. This plan was developed to maximize opportunities for face-to-face instructional support in both lecture and lab, while also maximizing safety both yours and mine.

HyFlex Lecture Plan What HyFlex means in my class is you get to decide if you want to attend lecture face-to-face or online. It is totally up to you, you are welcome to switch it up, and there is no need to tell me ahead of time. That said, there will be some days where online lectures are the only option because of the Social Distancing Modification to the lab schedule.

Face-to-Face Lab Plan Beginning September 14, Group Asco will meet for lab on Mondays 1-2:15 and Wednesdays 10-10:50, and Group Basidio will meet for lab on Mondays 2:15-3:45 and Fridays 10-10:50. I will be with both groups during the Monday lab periods. The Wednesday or Friday labs will be for students to work on the mushroom ID/ collection project which does not require my presence. However, I will visit the lab immediately after the lecture classes on these days to answer questions.

Partially Flipped In 2018, this course was partially flipped. This means it was designed so students did much of the work at home, with many lecture periods used for presentations and discussions instead of lectures. This method is being used again because a large majority of my 2018 students reported positive feelings about the approach at the end of the semester. That said, a WARNING is needed, as not every student liked it! There is a lot of homework, and you will not earn a perfect score if your work is inaccurate or incomplete. If this does not interest you, then I highly recommend that you find a different course.

Week 1	See BV announcements to figure out which group you belong & which schedule to follow.				
	August 24 to Sept. 11 Schedule		Schedule beginning September 14		
	Ascos	Basidios	Ascos	Basidios	
Lab*	M, 1-3:50	M, 1-3:50	M, 1-2:15	M, 2:30-3:45	
	Take-home 8/24	Field 8/ 24	W, 10-10:50 in place of	F, 10-10:50 in place of	
	Field 8/31	Take-home 8/31	M, 2:15-3:45	M, 1-2:15	
Lecture*	M, 10-10:50**	M, 10-10:50**	M, 10-10:50**	M, 10-10:50**	
	W, 10-1050**	W, 10-10:50**	W, 10-10:50, Kaltura	W, 10-10:50	
	F, 10-10:50**	F, 10-10:50**	when applicable	F, 10-10:50, Kaltura	
			F, 10-10:50	when applicable	

<sup>\*</sup>Schedules are subject to change

<sup>\*\*</sup>Alternating in class and Kaltura - See Tentative Schedule for dates or meeting locations.

Course Description – A survey of the biology and diversity of fungi that produce large sporocarps, with an emphasis on identification. Field trips may be required.

### Required Materials:

JH. Petersen. 2013. The Kingdom of Fungi. Princeton University Press. Mushrooms Demystified, David Arora
Digital camera cell phone camera is perfect
Pocket knife or similar
Mushroom collecting basket - medium sized cardboard box is fine
10X handlens or 10-12X cellphone macrolens attachment

## Learning Outcomes

Macrofungi Knowledge – At the end of the course, students will be able to... Identify mushrooms based on ecological, macroscopic and microscopic data.

#### Assessments

Presentation/In-Class Activity Assignments. During the first half of the course, fungal species within important genera & form-groups will be presented by students via short presentations, instead of by me in multiple, long lectures. There will be <u>9 Species Presentation Assignments</u>. Your grade will be based on the following: 1) the completeness and accuracy of your Presentation, and 3) your ability to summarize the commonalities and variances among the species presented within your group. Each presentation is expected to be 3-5 minutes long. No grades will be dropped, but two presentations may be turned in up to 48hr late without penalty. During the second half of the course, there will be <u>6 HW and In-Class Activities</u> on macrofungal systematics. These grades will be based on the following: 1) the completeness and accuracy of your HW assignment, and 2) your participation in the in-class activity.

Other Lecture Grades. Most of the formal lecture content will be assessed using two in-person written exams, one prior to midterm and the second after midterm. BlazeView Quizzes will be used to assess most of the student p

<u>Coronavirus Resources</u>: VSU's Coronavirus FAQ page is located at <a href="https://www.valdosta.edu/health-advisory/faq.php">https://www.valdosta.edu/health-advisory/faq.php</a>. VSU Health and Wellness website is at <a href="https://www.valdosta.edu/administration/finance-admin/campus-wellness/student-resources.php">https://www.valdosta.edu/health-advisory/faq.php</a>. VSU Health and Wellness website is at <a href="https://www.valdosta.edu/administration/finance-admin/campus-wellness/student-resources.php">https://www.valdosta.edu/administration/finance-admin/campus-wellness/student-resources.php</a>.

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<u>Access Statement:</u> Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The Access Office is located in Farbar Hall. The phone numbers are 229-245-2498 (V), 229-375-5871 (VP) and 229-219-1348 (TTY). For more information, please visit VSU's Access Office or email: <a href="mailto:access@valdosta.edu">access@valdosta.edu</a>.

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# **Tentative Schedule Before Midterm**

Week	Lecture	BV Quiz (BVQ), Lecture Notes (LN), Homework (HW), Presentations (P), Class Summary (CS)	Lab
August 17-21	M - No lecture – intro done in lab W - Basidio in-class lecture, Ascos Kaltura lecture F - Ascos in-class lecture, Basidios Kaltura lecture	Syllabus BVQ - due Weds, 10am Wednesday LN - due lecture day, 11:59pm Friday LN - due lecture day, 11:59pm	Monday 1-2:15 – Ascos Course Intro Monday 2:30-3:45 – Basidios Course Intro
August 24-28	M - Basidio in-class lecture, Ascos Kaltura lecture W - Asco in-class lecture, Basidio Kaltura lecture F - Basidio in-class lecture, Asco Kaltura lecture	Monday LN - due lecture day, 11:59pm Wednesday LN - due lecture day, 11:59pm Friday LN - due lecture day, 11:59pm	Monday 1-3:50 – Basidios in the field, Ascos take-home assignment

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