

### Required Materials

**Lab Manual:** Exploring Biology in the Laboratory custom for WSU (Pendarvis and Crawley) - virtual ebook available from the bookstore (isbn: 978-1-64043-301-4)

**Technology:** Reliable internet access and equipment required to participate in and complete online class meetings, assignments, and exams. This includes a webcam and access to Respondus Monitor and LockDown Browser – **check your system for the requirements.**

**Respondus FAQs:** <https://tech.wayne.edu/kb/academic-services/canvas/598>)

If you need assistance obtaining course materials (including technology) you may be eligible to receive CARES Act funds through the University. More information can be found here: <https://wayne.edu/financial-aid/resources/coronavirus>

### Lab Attendance

Attendance of weekly class meetings held on Zoom is required. Plan to attend class for the entire scheduled time, as you will use the class time to complete weekly activities.

While you are expected to attend the lab for which you have registered, occasionally there may be reasons to miss a lab. You may make up a missed lab during the same week if you contact your lab instructor in a timely fashion.

Any assignments for the week will be due during your regularly scheduled lab. Anything turned in to a substituted lab section will accordingly be marked late.

**Attending another lab section will only be an option up to two (2) times** during a semester without documentation of extraordinary circumstances and approval of the lab coordinator.

### Assignments, Policies, and Grading

**Weekly lab participation:** You will receive 10 points for lab participation each week. This includes attending online lab sessions, participating in the activities, and submitting completed assignments **by the end of class**. Weekly assignments will be graded for completion and are intended to be used for study purposes. Accuracy of weekly assignments will be the responsibility of the student, and references can be found in the lab manual, slideshows, simulators, etc.

**Weekly quizzes:** There will be a short quiz on Canvas about the **topics for that week**. Questions will be based on the introductory material found in the lab manual and posted on Canvas. You will have only one opportunity to complete each quiz, and it must be completed during the first 15 minutes of class. There will be a time limit of 10 minutes in which to complete the quizzes once you start. Since the lowest two scores are dropped, no make-ups of quizzes will be allowed.

**Assignments:** All homework assignments are due at the beginning of class. Assignments must be submitted online via Canvas and **will not be accepted via email**. You must submit all assignments with **a filename that includes “your last name\_bio1500\_fall2020.”**

**Lab Exams:** Lab exams will be administered through Canvas and will use both Respondus LockDown Browser and Monitor. **You must have a webcam to participate in the exams. No exceptions will be allowed.**

Exam rescheduling may be allowed **for emergencies only**. When possible, students are expected to take the exam within 24 hours of their regularly-scheduled exam. To reschedule an exam you must provide formal, written documentation (medical billing, obituary, accident report, etc.) explaining your absence. Any rescheduling of exams must be approved by the lab coordinator in advance.

**Plagiarism and academic dishonesty:** Assignments flagged for plagiarism by the Unicheck system in Canvas will receive a penalty commensurate with the degree of plagiarism in the assignment.

Any assignment with a plagiarism report that finds greater than 50% plagiarism will not be accepted; the student may re-write and resubmit the assignment but will be granted a maximum score of half of the original assignment.

For assignments with a 20-50% plagiarism score students will lose points according to the sections where the plagiarism is identified. For instance, if half of the introduction section in a lab report has been plagiarized, the student will automatically lose half of the points for the introduction section, on top of any deductions for content, formatting, etc. that are in the assignment rubric.

For assignments with 10-20% plagiarism the same system will apply as for 20-50% but will be left to the grader's discretion whether the score is due to common phrases (e.g. "the basic formula for a carbohydrate is  $(CH_2O)_n$ ") or if it is more pervasive.

Any assignments with <10% will be accepted, as the result is typically based off citations, figures, and common phrases.

Both the copier and the student whose is copied from will be penalized. Any questions about the policy should first be addressed to your lab instructor, and then the lab coordinator if needed.

Any student whose assignment is altered in any way and turned in for a regrade or correction will, at the least, receive a zero for that assignment/test OR, at the most, receive an F for the entire course. Academic integrity is important, and you are responsible for your work.

University policy on plagiarism and cheating: <https://doso.wayne.edu/conduct/academic-misconduct>

**Late assignments:** Assignments are due at the **beginning of class**. Late assignments will receive a deduction of 10% per day after the due date.

**SDS accommodations:** Students requiring accommodations of any kind should send their paperwork to the lab coordinator. For more information visit the Student Disability Services website: <https://studentdisability.wayne.edu/>

**Grade disputes:** Any discussion or disagreement regarding a grade must be clarified with the lab instructor within **7 days** of receiving the graded assignment. After that the score will not be changed. If scores are frequently not posted in a timely fashion, please contact the lab coordinator.

**Extra credit:** No extra credit will be offered under any circumstances.

**Lab coordinator contact information:** Dr. Madelyn Tucker: [madelyntucker@wayne.edu](mailto:madelyntucker@wayne.edu), room 2012 Science Hall

The Bio 1500 lab is also covered by policies as stated in the lecture course syllabus. This syllabus is subject to change as necessary; any changes will be communicated using Canvas.

### Assignments and Point Distribution

Weekly Quizzes: 8 @ 5 points each, drop 2	30
Weekly Lab Participation: 10 @ 10 points each, drop 2	80
Scientific Paper Reading Assignment	15
Annotated Bibliography	20
Lab Report Outline	10
Lab Report	30
Scientific Argumentation Assignment	10
Exams: 4 @ 30 points each	120
<b>Total</b>	<b>315 but graded out of 300</b>

**Schedule of Weekly Activities:**

<b>Week of:</b>	<b>Topics and Location of Resources</b>	<b>Assignments Due</b>
8/31/20 Week 1	<b>No labs first week</b>	
9/7/20 Week 2	Lab introduction: syllabus, policies, safety, dress code – Canvas Paraphrasing and Plagiarism – Canvas Critical Reading of Scientific Papers - Canvas	
9/14/20 Week 3	Understanding Microscopy – Chapter 3 Understanding the Protists – Chapter 20	<b>Scientific Paper Reading Assignment</b>
9/21/20 Week 4	Understanding Fungi - Chapter 26 Understanding Classification – Chapter 17	<b>Annotated bibliography</b>
9/28/20 Week 5	<b>Exam 1 – Scientific writing, microscopy, protists, classification, fungi</b> Understanding the nonvascular plants - Chapter 21 Understanding the seedless vascular plants – Chapter 22	
10/5/20 Week 6	Understanding the seed plants (gymnosperms) – Chapter 23 Understanding the seed plants (angiosperms) – Chapter 24	
10/12/20 Week 7	Understanding roots, stems, and leaves – Chapter 25 Writing a lab report – Canvas	<b>Seed germination lab report outline</b>
10/19/20 Week 8	<b>Exam 2 – Seedless plants, seed plants, roots, stems, and leaves, lab reports</b> Understanding creatures from the sea – Chapter 28	
10/26/20 Week 9	Understanding the Lophotrochozoans – Chapter 29 Understanding the Ecdysozoans – Chapter 30	<b>Seed germination lab report</b>
11/2/20 Week 10	<b>Election Day Tuesday 11/3/2020 – no labs this week</b>	
11/9/20 Week 11	<b>Exam 3 – Creatures from the sea, lophotrochozoans, ecdysozoans</b> Understanding the Deuterostomes – Chapter 31	
11/16/20 Week 12	Understanding basic Mendelian genetics – Chapter 13 Evolution – Canvas	<b>Seed germination lab report revisions</b>
11/23/20 Week 13	<b>Thanksgiving – no labs this week</b>	
11/30/20 Week 14	Ecology - Canvas Ecological interactions experiment - Canvas	<b>Scientific Argumentation Assignment</b>
12/7/20 Week 15	<b>Exam 4 – Deuterostomes, Mendelian genetics, evolution, ecology</b>	