

Lab Book: Goulet. 2020. Biological Sciences 105 Inquiry into Life Laboratory Manual: Diversity and the Environment (2019-2020). [Digital Copy provided in Blackboard.](#)

BISC 105 – Syllabus- Fall 2020

Each class will be divided into two groups (Red & Blue). Everyone must come to labs that are designated “ALL”

| LAB # | TEAM | DATE | LAB TOPIC | ASSIGNED WORK |
|-------|-----------|----------------|--|--|
| | | Aug. 24-25 | NO LABS | NO LABS |
| LAB 1 | ALL | Aug. 31-Sep. 1 | Introduction, Syllabus Review Attendance Taken | Attendance Taken |
| | | Sep. 7-8 | NO LABS - Labor Day | |
| LAB 2 | Red Team | Sep. 14-15 | Natural Selection | Quiz 1 (20 pts) Hand In 2 (20 pts) |
| | Blue team | Sep. 21-22 | Natural Selection | Quiz 1 (20 pts) Hand In 2 (20 pts) |
| LAB 3 | Red Team | Sep. 28-29 | Genetic Drift | Quiz 2 (20 pts) Hand In 3 (20 pts) |
| | Blue team | Oct. 5-6 | Genetic Drift | Quiz 2 (20 pts) Hand In 3 (20 pts) |
| LAB 4 | ALL | Oct. 12-13 | The Protists | Quiz 3 (20 pts) Hand In 4 (42 pts) Presentation Outline (16 pts) |
| LAB 5 | ALL | Oct. 19-20 | Animal Diversity | Quiz 4 (20 pts) Hand In 5 (53 pts) Animal Diversity Homework (40 pts) Presentation Outline Due |
| LAB 6 | ALL | Oct. 26-27 | Campus Trees | Quiz 5 (20 pts) Hand In 6 (55 pts) Animal Diversity Homework Due |
| LAB 7 | Red Team | Nov. 2-3 | Presentations | Student Presentations (64 pts) |
| | Blue team | Nov. 9-10 | Presentations | Student Presentations (64 pts) |

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| Teaching Assistant: |
| Email: |
| Office: |
| Office Hours: |

Coordinator of Laboratory Programs: Dr. Denis Goulet

Office: Shoemaker 204

Office Hours: By appointment

Email: dgoulet@olemiss.edu

Phone: (662) 915-7213

Policies that will be STRICTLY ENFORCED

- NO EXCUSES** will be accepted for not having a lab manual for the class.
- NO EXCUSES** will be accepted for not having lab Hand Ins.
- NO extension** for submitting lab Hand Ins, Homework and Quizzes.
- Only a VALID excuse** will be considered for a **possible** make up.
- Attending Zoom meeting** for the lab is **mandatory**.
- One (1) week** after grades are **posted, GRADES ARE FINAL** and no changes will be made.
- Final grades are **FINAL**. **NO** extra credit, bonus, drop grade, curving, rounding, etc.

Learning Objectives for the lab

1. Students will have an understanding of the ecology and evolution of plants and animals.
2. Students will have an understanding of how human beings connect with our environment.
3. Students will understand several aspects of scientific methods including hypothesis testing and the use of observation skills. Students will be able to use that understanding in addressing topics of current environmental and ecological interest.
4. Students should understand basic animal and plant structure and should be able to explain how natural selection works.
5. Students will be able to do an effective oral presentation.

Attendance Policy

- A. **Attendance is required** and will be recorded each day of class.
- B. Students **must attend the first lab meeting** for the section that they are registered in.
- C. Students that do not attend the first lab meeting will be dropped from the course.
- D. **To comply with attendance verification requirements, a report of your attendance will be made during the first lab meeting.**
- E. The University's "Attendance Policy for Online Education" states: "Student attendance in online courses is defined as active participation in the course as described in the individual course syllabus." If students fail to meet online attendance requirements as stated in the syllabus, they will be given an absence.
- F. Students are responsible for **informing instructors in advance about anticipated absences.**

Lab Manual Policy – STRICTLY ENFORCED

- A. Students will have **access to a pdf version of the lab manual (free) in Blackboard.** Having **difficulty** accessing a lab manual, **contact your TA (Teaching Assistant) immediately.**
- B. Students will have **access to a pdf version of the lab assignments in Blackboard.** Having **difficulty** accessing a assignments, **contact your TA immediately.**
- C. **NO EXCUSES will be accepted for not having a lab Hand In to complete the lab.**
- D. You **MUST upload all assignments to Blackboard.**

Blackboard Policy - STRICTLY ENFORCED

- A. **Your responsibility to check regularly**
- B. PDF copy of Lab Manual – **CONTENT** link
- C. Announcements Posted
- D. Emails sent to class
- E. Syllabus – **CONTENT** link
- F. Grades Posted
- G. Grade Issues
 - a. 1 week after grades posted to contact TA
 - b. > 1 week grade is **FINAL**

Quiz Policy – STRICTLY ENFORCED

- A. **NO time extensions** for Blackboard quizzes will be given.
- B. SDS accommodations have been factored into the duration of quizzes.
- C. Quizzes are **open book.**
- D. Quizzes are **not proctored.**
- E. You are responsible for correctly completing the quiz.
- F. **ONLY one attempt permitted.**
- G. Any **technical issues** with a quiz **MUST be reported immediately** to your TA.
- H. Quiz grade is **FINAL** upon completion of the quiz.

Missed Lab/Assignment Policy – STRICTLY ENFORCED

- A. You have **11 Days to complete a given lab**. Labs will **open** on a **Monday** at **Midnight** and close 10 days later on a **Thursday** at **11 PM**.
- B. **NO extension** for submitting lab Hand Ins, Homework and Quizzes.
- C. **Only students with a VALID excuse** (Doctors note, University paperwork, Funeral program, etc.) will be considered for a **possible** make up.
- D. Once a lab is completed, it is **not possible to re-open** the lab, **even if you have a valid absence**.
- E. If you miss a lab/assignment for any reason, you must **contact Dr. Goulet (dgoulet@olemiss.edu) immediately**.
- F. Make-ups can **ONLY** be arranged by getting **permission from Dr. Goulet (dgoulet@olemiss.edu)**.
- G. When **requesting permission**, you **MUST** send an **email** to **dgoulet@olemiss.edu** with the following information:
 - 1. your **TA's name**
 - 2. your **Lab section**
 - 3. **copy** of your **valid excuse** (pdf, photo, etc.)
- H. Failure to contact Dr. Goulet about missed labs or assignments will result in a **zero (0) for a grade**. (See Grading Policy)

Presentation requirements

All BISC 105 students are required to do a presentation. The project counts for 64 points and requires a **virtual presentation**, a written outline (16 pts), and a list of citations. This is an **individual literature research project**. The topic must be centered on some aspect of biodiversity or an environmental topic. Topic ideas will be presented by your TA. Presentations will be **4 minutes** long. Your TA will provide additional instructions in class.

Grading Policy – STRICTLY ENFORCED

- A. All **grades** will be posted on **Blackboard**.
- B. You are responsible for **checking your grade on Blackboard weekly**.
- C. You have **1 week** after grades are posted on Blackboard to **discuss any issues**.
- D. **After 1 week all grades are final**. There will be **no grade changes for any reason**.
- E. The burden of **proof for any missing grade is your responsibility**. If you cannot prove your grade, then the grade posted will be final.
- F. There are **NO extra credit or bonus assignments**.
- G. **Final grades are NOT rounded or curved**.
- H. Total Points = 410. **We do NOT use percent (%) to determine grades**.

BISC 105 Grading

| | | Total Points | Grade |
|---------------------------|-------------------|---------------------|--------------|
| Quizzes | 100 points | 369-410 | A |
| Hand Ins | 190 points | 328-368.99 | B |
| Animal Diversity Homework | 40 points | 287-327.99 | C |
| Presentation Outline | 16 points | 246-286.99 | D |
| Presentation | 64 points | ≤245.99 | F |
| Total | 410 points | | |

Class Conduct

- A. Show up for your lab **Zoom meeting on time**. Instructors **will NOT repeat** covered material for late students.
- B. **Cell phones** must be turned **OFF**, not on vibrate, etc.
- C. If you have a question about a grade, you have one (1) week from the date of posting on Blackboard to discuss the matter with your TA. If you wait longer than 1 week there will be **NO** change possible. (see Grading Policy).

Academic Dishonesty/Misconduct

We will enforce a **zero-tolerance towards cheating** on all assignments. Answering Hand In questions is **NOT** a group assignment. **Each person is required to answer in his/her own words.** **Copying or plagiarizing** of the lab Hand Ins **will not be tolerated**. If caught cheating, copying or plagiarizing, you will **automatically FAIL the course** and you will be reported to the university's Academic Discipline Committee for disciplinary actions.

Student Support Resources

Students are encouraged to visit the [University's Keep Learning site](https://olemiss.edu/keeplearning/) (<https://olemiss.edu/keeplearning/>) to access information and resources related to COVID-19 support. The site provides links to University student services to facilitate and support learning.

Disability Access and Inclusion:

The University of Mississippi is committed to the creation of inclusive learning environments for all students. If there are aspects of the instruction or design of this course that result in barriers to your full inclusion and participation, or to accurate assessment of your achievement, please contact the course instructor as soon as possible. Barriers may include, but are not necessarily limited to, timed exams and in-class assignments, difficulty with the acquisition of lecture content, inaccessible web content, and the use of non-captioned or non-transcribed video and audio files. If you are approved through SDS, you must log in to your Rebel Access portal at <https://sds.olemiss.edu> to request approved accommodations. If you are NOT approved through SDS, you must contact Student Disability Services at 662-915-7128 so the office can: 1. determine your eligibility for accommodations, 2. disseminate to your instructors a Faculty Notification Letter, 3. facilitate the removal of barriers, and 4. ensure you have equal access to the same opportunities for success that are available to all students.