BIOL 1132 Environmental Science Lab

Spring 2021

TA: insert your name

Lab Coordinator: Dr. Jaime Baxter-Slye
Who is my teaching assistant (TA)?

Rocio Jara

I will have weekly class Zoom meetings on Monday at 12:15 pm.

Office hours available by Zoom: Thursday 12:15 pm or by appointment.

Contact me through CANVAS
It is mandatory for each student to purchase the latest version (Baxter-Slye 2019) of the lab manual.

- Old or used lab manuals are NOT accepted.
- Using an old manual with pre-filled information is considered cheating and will result in a zero for any assignment that uploads previous semester’s data and answers.


- Manuals may be purchased at the UNT Bookstore on campus.

- **Students may buy the hard copy or online version here from the publisher**
The laboratory is designed to offer experiences to enhance your understanding of the concepts covered in your lecture class. When practical, the laboratory exercises will correspond with the current topic being covered in your lecture, although this may not always be feasible. Special Note: Due to our current health situation, the Spring 2021 labs will be online activities, videos, self-led outdoor field activities, and worksheets.

OBJECTIVES:
1. Understand basic principles of ecology and environmental science.
2. Understand how scientists study environmental science problems and test hypotheses using the scientific method using a hands-on approach.
3. Gain the ability to logically and intellectually contribute to current issues related to the environment as an informed citizen for future voting, conversations, and general lifestyle practices in regards to the world around you.
### How will I be graded?

<table>
<thead>
<tr>
<th>Item</th>
<th>Points</th>
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<tbody>
<tr>
<td>Weekly Zoom Questions</td>
<td>22</td>
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<tr>
<td>Weekly Quiz</td>
<td>90</td>
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<tr>
<td>At Home Assignments</td>
<td>270</td>
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<tr>
<td>Exams</td>
<td>200</td>
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<td>Group Proposal and Responsibility Form</td>
<td>30</td>
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<td>Group Presentation</td>
<td>100</td>
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<tr>
<td>Peer Review</td>
<td>25</td>
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<td>With the possibility of receiving a lower grade on the group presentation. If there is zero participation on group work, the student will receive a zero for the participation grade, and a zero for the affected group assignment.</td>
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<td>TOTAL POINTS</td>
<td>737</td>
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**IMPORTANT:** The lab is worth 30% of your final overall grade for the course.

**YOU MUST PASS BOTH LECTURE AND LAB INDEPENDENTLY TO PASS THE COURSE!!**
The Family Educational Rights and Privacy Act (FERPA) (1974), does not permit faculty or staff to report grades by phone or email. In addition, per University policy, grades cannot be posted. Do not request any information from your TA about grades unless it is via Zoom.

TA: Rocio Jara
Office Hours: Zoom on Thursdays at 12:15pm, or by appointment

CONTACT ME THROUGH CANVAS

How can discuss my grades with my TA?
Will we have exams?

**Midterm and Final** (cumulative). Material covered will be taken from the lab manual, videos, weekly assignments, and quizzes.

Exams will be online and available for one week (see schedule).

Once you begin the exam, you will have **1 hour to complete the exam, and you will not be able to stop and restart**.

Exams can only be made up if you have a school approved reason for missing an exam (e.g. approved UNT activity, sick or family emergency/death). If you miss an exam you will be required to provide documentation and the exam should be made up during the same week. **If you fail to communicate with your TA in a prompt manner (i.e., the day of the exam), you will not be allowed to make up the exam.** Long-term absences need to be addressed with the Dean of Students.
Weekly Quizzes & Assignments

****IMPORTANT! THE LABS DO NOT ALWAYS CORRESPOND TO THE ORDER IN THE MANUAL.

A CANVAS module has been created for each week, covering 10 lab concepts. In each module, you will find:

- Instructions
- Quiz
- Additional material, such as videos, articles, etc.
- Assignment to turn in your work
Weekly Quizzes & Assignments

Quizzes: there are 10 short quizzes worth 10 points each (with the lowest score dropped for a total of 90 points). **You will have 1 attempt with 1 minute per question** to take each quiz. You should read/view any material for the quiz ahead of time.

Assignments: each of the 11 labs will have an online assignment associated with it worth 30 points each (with the lowest score dropped for a total of 270 points). The assignments may consist of worksheets in your manual, and/or additional documents regarding the lab experiment performed or topic covered. You are responsible to upload your completed assignments by the posted due date under assignments in Canvas.

*No late assignments will be accepted.*

*No plagiarism will be accepted!*
Dropping the lowest grades

The lowest quiz grade and the lowest weekly assignment grade will be dropped.

Grades will be dropped automatically.
Will there be attendance grades?

- No, due to the current health situation, we will not be taking attendance at the required Zoom meetings.

- However, there will be questions in the zoom meeting worth 2 pts. per meeting.

- If you attend, your TA will automatically upload your points.

- If you miss a Zoom meeting, must watch the recorded meeting and then submit your zoom answers online.

- Recorded Zoom meetings will be posted in the module for the week. Online submission for questions will be in each weeks module for those that missed the live meeting.
“The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the Office of Disability Accommodation website at [http://www.unt.edu/oda](http://www.unt.edu/oda). You may also contact them by phone at 940.565.4323.
BIOL 1132 labs have a zero-tolerance policy for scholastic dishonesty including:

- Copying students data and answers.
- Turning in used lab manual worksheets.
- Taking quizzes together.
- Taking exams together.
- Providing answers to another student.
- Plagiarizing on group projects.

The term ‘plagiarism’ includes, but is not limited to:

- the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment;
- the knowing or negligent unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials. Examples: copying word for word or even a phrase from a publication, including web pages, without placing quotes around the phrase and citing the source.

- If we suspect you of cheating, an email will be sent to you. A zero for the assignment will be given and may remain in place. And, you may be reported to the Dean of Students and fail the entire BIOL1132 course, including lecture.
How to succeed in this class

- Read: Read the lab manual as required before taking the quiz
- Participate: Participate in the weekly zoom meetings. Upload zoom questions if you miss the meeting.
- Ask: Ask questions if you don’t understand
- Complete: Complete weekly assignments promptly
- Group Work: Work effectively with your group.
- Communicate: If you have an emergency, let me know (sooner than later)!
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| January 11th | Meet with TA on Zoom at scheduled lab time  
**Introduction Module. Introduction, syllabus, and organize groups**  
All assignments and quizzes are due the following week at the beginning of your scheduled lab time.  
By Monday January 18th, obtain a NEW lab manual.  
Note: Monday labs only will receive assignment on Environmental Ethics Due January 25th. |
| January 18th | Tuesday and Wednesday labs meet with TA on Zoom at scheduled lab time  
Note: Monday labs do not meet for Martin Luther King Jr. Day, as that day is a holiday.  
**Environmental Ethics and Scientific Method – Dr. Doug Tallamy “Bringing Nature Home” Module.** All assignments and quizzes are due the following week at the beginning of your scheduled lab time. |
| January 25th | Meet with TA on Zoom at scheduled lab time  
Design a sustainable home and lifestyle Group Project details will be provided. **Meet with your group members to work on Group Project outline and responsibilities. Turn in outline and responsibility form your lab time the week of February 8th.**  
**Global Climate Change and Biodiversity Module.** All assignments and quizzes are due the following week at the beginning of your scheduled lab time. |
| February 1st | Meet with TA on Zoom at scheduled lab time.  
**Trophic Transfer of Energy Part 1: Photosynthesis and Producers Module.** All assignments and quizzes are due the following week at the beginning of your scheduled lab time. |
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| February 8th | Meet with TA on Zoom at scheduled lab time.  
Group Project outline and responsibility form due by your lab time this week.  
Trophic Transfer of Energy Part 2: Consumers Module. All assignments and quizzes are due the following week at the beginning of your scheduled lab time. |
| February 15th| Meet with TA on Zoom at scheduled lab time.  
Water Pollution and Conservation Module. All assignments and quizzes are due the following week at the beginning of your scheduled lab time.  
A midterm review will be posted in Canvas. |
| February 22nd| Online Midterm  
Students will take the online midterm by Monday March 8th at 8:00am. Students will have one hour to complete the exam. Once the exam is started, you must finish. Cheating results in a zero for the lab and you will fail the entire BIOL 1132 course. |
| March 1st    | Meet with TA on Zoom at scheduled lab time.  
Human Population and Recycling Module. All assignments and quizzes are due the following week at the beginning of your scheduled lab time. |
| March 8th    | Meet with TA on Zoom at scheduled lab time.  
The UNT Pollinative Prairie Module. All assignments and quizzes are due the following week at the beginning of your scheduled lab time. |
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<td>March 15th</td>
<td>Meet with TA on Zoom at scheduled lab time.</td>
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<td><strong>Land Use, Conservation, and Resource Management: Soil Analysis Module.</strong> All assignments and quizzes are due the following week at the beginning of your scheduled lab time.</td>
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<td>March 22nd</td>
<td>Meet with TA on Zoom at scheduled lab time.</td>
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<td><strong>Resource Consumption: Marine Fisheries Module.</strong> All assignments and quizzes are due the following week at the beginning of your scheduled lab time.</td>
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<td>March 29th</td>
<td>Meet with TA on Zoom at scheduled lab time.</td>
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<td>Breakout group time will be given.</td>
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<td><strong>Course Review will be posted on Canvas.</strong> Additional Zoom with your TA will be announced or arranged.</td>
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<td>April 5th</td>
<td><strong>Presentation of Group Projects</strong></td>
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<td>Receive Group Peer Evaluations, due by your lab time the week of April 12th.</td>
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<td>April 12th</td>
<td><strong>Peer evaluations for Group Projects due by your lab time this week.</strong></td>
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<td><strong>Online Cumulative Final</strong></td>
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<td>Students will take the online final, which will be available Monday April 12th at 8:00am to April 19th at 8:00am. Students will have one hour to complete the exam. Once the exam is started, you must finish. Cheating results in a zero for the lab and you will fail the entire BIOL 1132 course.</td>
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