



Environmental Science (BIOL 1132-12645)

Asynchronous – online
Canvas+McGraw-Hill Connect



Instructor Information

Dr. Jason R. Bohenek
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Office Hours: by appointment

Course Description and Structure

This asynchronous section of BIOL 1132 is an introductory Environmental Science course for non-majors that is delivered **online** through Canvas & McGraw-Hill Connect. You will learn about natural and anthropogenic environmental processes, major environmental challenges, and potential solutions. Environmental Science is inherently multidisciplinary, thereby this course covers biological, ecological, social, political, and technological topics. Please note that you have a **separate laboratory section** not taught by me.

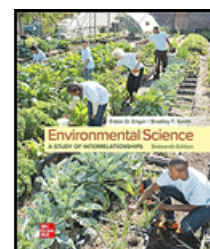
Course Objectives

By the end of this course, students will be able to:

- Demonstrate an understanding of matter and energy flow in environmental systems.
- Explain the necessity of the interdisciplinary nature of the field of environmental science.
- Apply knowledge of environmental interrelationships to analyze real-world environmental problems.
- Propose solutions to environmental challenges based on ethical and economic considerations.
- Consider the societal responsibility in achieving sustainable environmental practices.

Required Materials

- Enger, Eldon D., and Bradley F. Smith. *Environmental Science* 17th Edition. New York, McGraw-Hill, 2022. (With McGraw Hill Connect Access Card!)
- *BIOL 1132 Laboratory Manual* by Gnau & Baxter-Slye (for the separately scheduled lab)



Attendance and Participation

This course is asynchronous, thus there is no attendance for lecture, but you must complete the online assignments as scheduled. There is a separately scheduled lab that has mandatory attendance.

Supporting Your Success and Creating an Inclusive Learning Environment

Every student in this class has the right to learn and engage within an environment of respect and courtesy from others. I encourage you to review UNT's student code of conduct so that we share a civil understanding ([Code of Student Conduct; https://studentaffairs.unt.edu/dean-of-students/conduct/index.html](https://studentaffairs.unt.edu/dean-of-students/conduct/index.html)). Please always feel free to reach out to us concerning any issues you may experience while taking this class. Other useful information: [Student Support Services & Policies](#) | [Center for Learning Experimentation, Application, and Research \(unt.edu\)](#)

Evaluations

SPOT evaluations link will be sent out when it becomes available. If >80% of students respond, I will add a 3-point bonus to everyone's **final** grade.

Generative AI Use

GenAI should be used to assist, not replace, your critical thinking skills. For example, using GenAI, such as ChatGPT, can be used to help clarify jargon or elaborate on lecture or textbook topics, but it should not be used to answer assignment questions.

F-1 Visa regulations

Federal regulations state that students may apply only 3 fully-online semester credit hours (SCH) to the hours required for full-time status for [F-1 Visa \(DOC\)](#) holders. Full-time status for F-1 Visa students is 12 hours for undergraduates and 9 hours for graduate students.

Course Schedule

Week	Date	Lecture Topic	Exams	Exam Due Date	Exam % Grade	Book Chapters Covered in Lab
Week 1	8/17/2026	Chp 1: Env Interrelationships				1
Week 2	8/24/2026	Chp 3.3 & Chp 4: Env. Economics & Matter, Energy, Env				1, 4.1-4.3
Week 3	8/31/2026	Chp 5: Env and Organisms				2
Week 4	9/7/2026	Chp 6: Ecosystems & Communities	Exam 1	9/14 Midnight	10%	4
Week 5	9/14/2026	Chp 7: Populations				4, 5
Week 6	9/21/2026	Chp 15: Water Management				6, 15
Week 7	9/28/2026	Chp 12: Land Use				
Week 8	10/5/2026	Chp 13: Soils and Its Uses	Exam 2	10/12 Midnight	10%	
Week 9	10/12/2026	Chp 14: Agricultural Methods & Pest Mgnt				5, 6, 14
Week 10	10/19/2026	Chp 8 (11): Biodiversity				12, 13, 14
Week 11	10/26/2026	Chp 17: Climate Change				8, 12, 14
Week 12	11/2/2026	Chp 16: Air Quality	Exam 3	11/9 Midnight	10%	17
Week 13	11/9/2026	Chp 9: Non-renewable Energy				
Week 14	11/16/2026	Chp 10: Renewable Energy				
-----	11/23/2026	NO CLASS – FALL BREAK				
Week 15	11/30/2026	Chp 3 & 18: Risk & Waste Management	Exam 4	12/7 Midnight	10%	

Schedule is subject to change. Students will be notified by Eagle Alert if there is a campus closing; please review the [Campus Closures Policy](https://policy.unt.edu/policy/15-006) (<https://policy.unt.edu/policy/15-006>).

Assessing Your Work

Grades will be based on performance in 4 open-book exams (40%), weekly open-book online assignments (15%), weekly open-book quizzes (15%), and **your separately scheduled lab** (30%). You must pass both lecture and lab to pass the course overall. All graded material will be posted online with instructions and due dates. Your lowest exam score and 4 lowest quiz scores will be dropped. Exams will be available for seven days. All material, including exams, will be due on the **following Monday at midnight** of the week assigned. There is no final exam beyond the 4th exam. If needed, grades will be curved, but grades all grades are final and non-negotiable. I cannot grade your effort or intentions, only the final product you submit. I do not talk to parents.

Grade	% Score	Description	Assignment	% Grade
A	90–100	High effort, high mastery	Exams	40%
B	80–89		Online assignments	15%
C	70–79		Quizzes	15%
D	60–69		Lab	30%
F	< 60	Low effort, low mastery	Total	100%

Please review the Academic Integrity Policy: (https://policy.unt.edu/sites/default/files/06.049_Standard%20Syllabus%20Policy%20Statements_supplement.pdf).

Late Assignment Policy

Assignments are due by midnight on their respective deadlines (Monday nights at 11:59pm). Late assignments will not be accepted unless a valid medical excuse is provided. Problems with technology are **NOT** an excuse for missed or late work.

ADA Accommodation Statement:

The University of North Texas makes reasonable accommodations for students with disabilities. To request accommodations, you must first register with the Office of Disability Access (ODA) by completing an application for services and providing documentation to verify your eligibility each semester. Once your eligibility is confirmed, you may request your letter of accommodation. ODA will then email your faculty a letter of reasonable accommodation, initiating a private discussion about your specific needs in the course. You can request accommodations at any time, but it's important to provide ODA notice to your faculty as early as possible in the semester to avoid delays in implementation. Keep in mind that you must obtain a new letter of accommodation for each semester and meet with each faculty member before accommodations can be implemented in each class. You are strongly encouraged to meet with faculty regarding your accommodations during office hours or by appointment. Faculty have the authority to ask you to discuss your letter during their designated office hours to protect your privacy. For more information and to access resources that can support your needs, refer to the [Office of Disability Access](https://studentaffairs.unt.edu/office-disability-access) website (<https://studentaffairs.unt.edu/office-disability-access>).