EVS 3000L - Environmental Science Lab
Fall 2025 (Online)

Credits: 1

Instructor
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Office Hours (online): Mondays 1:00pm

Class Meeting Schedule and Format
This lab is an asynchronous online class. This means you can work through the material each week on your own schedule. Each module opens at 12:00am Sunday ET and is due by 11:59pm Saturday ET. It is recommended that you find a consistent time to work through each week's materials and assignments and treat the course as a regularly scheduled commitment.

Course Description
This course introduces students to the many varied professional trajectories in environmental science. It also provides hands-on experience in data collection and analysis for environmental science and management.

Prerequisites
CHM 2045 or CHM 2047 or CHM 2095

Course Materials
There are no required textbooks. Materials will be made available via Canvas.

Course Objectives
Environmental science is an interdisciplinary field of study that combines physical, biological, and information science to understand the effects of natural and anthropogenic processes on the environment. Because of the diversity and interconnectedness of all aspects of human-environment relationships, environmental science careers are equally varied. Environmental scientists work on problems spanning biogeochemical cycles, energy systems, pollution control and mitigation, natural resource management, conservation of ecosystems, and much more!

Our objective in this lab is to expose you to the diversity of environmental careers, introduce you to methods in environmental research, and provide professional development opportunities to help you progress in the field. Lab activities will break roughly into three categories:

- Career exploration activities, where you will either hear from an environmental science professional about their career trajectory, or you will be asked to read about a topic in environmental science and participate in an online discussion.

- Research exercises, where you will learn about common methods for studying environmental problems from different perspectives, including policy, human dimensions, and biology. This will include hands-on projects as well as a basic introduction to data analysis.

- Professional development activities, where we will focus on key practical skills such as finding career opportunities that interest you and preparing compelling application materials.

These activities correspond to the three primary learning outcomes for the course. At the conclusion of this course, students will be able to:

- Recognize the many possible professional trajectories in environmental science, research environmental career opportunities, and evaluate how they fit with students' current skills and long-term career objectives.

- Plan and execute basic research projects to address questions in the natural and social dimensions of environmental science.

- Generate professional communications and application materials for career opportunities.

Communication

All course communication will be done through Canvas. Please check Canvas regularly to keep up to date. If you have questions, I will try to respond to Canvas messages within 48 hours. You may want to work on your assignments early so you have time to reach out if you run into any sticking points. Office hours are held on Zoom and the passcode is EVS3000L. Please reach out to me on Canvas to schedule an appointment.

Weekly Schedule (subject to change):

Week	Dates	Topic	Read or Watch	Assignment
1	August 21-22	Welcome and Introductions	N/A	Discussion Post and Comments
2	August 25-29	Environmental Science Careers	Forbes or LinkedIn Article	Discussion Post and Comments
3	September 2-5	Should I Apply to Graduate School?	Video: Discussion Panel with SNRE Graduate Students	Discussion Post and Comments
4	September 8-12	Land Grant, Sea Grant, and Extension Careers	Video: Lecture by Dr. Savanna Barry	Response Questions

5	September 15-19	Federal & Government Careers	Video: Lecture by Kristie Killam, USFWS	Response Questions
6	September 22-26	Environmental Consulting	Video: Lecture by Nadia Lombardero, ANAMAR Consulting, Inc.	Discussion Post and Comments
7	Sept 29 – Oct 3	UF Career Center, Job Searches, and Resumes	Video: Lecture by Gabby Diaz-Portalatin, M.A.Ed.	Resume First Draft Due
8	October 6-10	Insect Declines and Conservation	Video: Lecture by Dr. Sarah Steele Cabrera, SNRE Alumna	Discussion Post and Comments
9	October 13-16	Environmental Justice Part I	Video: Come Hell or High Water	Discussion Post and Comments
10	October 20-24	Environmental Justice Part II	EJ Case Study Articles	Discussion Post and Comments
11	October 27-31	Developing a Cover Letter	Article: How to Write a Cover Letter that Will Get You a Job	Cover Letter First Draft Due
12	November 3-7	Environmental Law	Video: Lecture by Professor Mary Jane Angelo, JD	Response Questions
13	November 10-14	Food and Agriculture	Article: What is Sustainable Agriculture?	Discussion Post and Comments
14	November 17-21	Climate Science	Video: Lecture by Dr. Esther Mullins	Discussion Post and Comments
	November 24-28	No Class: Thanksgiving Break	N/A	N/A
15	December 1-3	Final Projects	N/A	Final Projects Due

<u>Weekly Assignments</u>

Weekly assignments will be due each week on **<u>Saturday by 11:59pm ET</u>**. I recommend working on them early so you can reach out to me or your classmates if you have questions.

Final Project

Instead of a final exam, students in this course will complete a final project. More details about the activity will be made available on Canvas by mid-semester.

Course Grading Structure

Component	Percent
Weekly Assignments	85%
Final project	15%
Total	**100%**

Grading Scale

A	93.0-100%	A-	90.0-92.9%	B+	87.0-89.9%
B	83.0-86.9%	B-	80.0-82.9%	C+	77.0-79.9%
C	73.0-76.9%	C-	70.0-72.9%	D+	67.0-69.9%
D	63.0-67.9%	D-	60.0-62.9%	F	<60.0%

Grading Policy

Course grading is consistent with UF grading policies.

Late Policy

Everyone will get one no-questions-asked, one-week extension on a weekly assignment. To use this, send me a message letting me know that you will not be able to complete the assignment on time. This does not apply to the final project. After that, late assignments will be marked down by 10% and an additional 10% each week they are late. If circumstances arise and you have trouble completing either the final project or multiple weekly assignments on time, I encourage you to get in touch with me.

Online Course Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at: https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.

Instructure (Canvas) Privacy and Accessibility Policies

Instructure Privacy Policy

Instructure Accessibility

Academic Policies and Resources

Academic policies for this course are consistent with university policies. See
https://syllabus.ufl.edu/syllabus-policy/uf-syllabus-policy-links/

Academic Honesty

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge*: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."*

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/

Artificial Intelligence (AI) Statement

Artificial Intelligence (AI) is an incredible technology that is transforming how we access and process information, similar to the impact of computers, the Internet, and mobile phones in previous decades. AI can be a useful tool to assist (but NOT replace) writers with tasks such as brainstorming, spellchecking, and editing. However, all work submitted for credit in this class must be your own. Copying and pasting AI outputs, either entirely or in part, into your submitted work (even if you later edit or paraphrase that output) constitutes academic dishonesty unless explicitly permitted by the instructor as part of the assignment instructions.

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Campus Helping Resources

Please visit the Whole Gator for resources that are designed to help you thrive physically, mentally, and emotionally at UF. Please contact UMatterWeCare for additional and immediate support.

Academic Resources:

- *E-learning Technical Support*: Contact the [UF Computing Help Desk](#) at 352-392-4357 or via e-mail at [helpdesk@ufl.edu](#).
- [*Career Connections Center*](#): Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.
- [*Library Support*](#): Various ways to receive assistance with respect to using the libraries or finding resources.
- [*Teaching Center*](#): Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.
- [*Writing Studio*](#): 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.
- *On-Campus Student Complaints*: Visit the [Student Honor Code and Student Conduct Code webpage](#) for more information.
- *Online Student Complaints*: [View the Distance Learning Student Complaint Process](#).

Health and Wellness Resources:

- *U Matter, We Care*: If you or someone you know is in distress, please contact [umatter@ufl.edu](#), 352-392-1575, or visit [UMatterWeCare](#) to refer or report a concern and a team member will reach out to the student in distress.
- *Counseling and Wellness Center*: Visit the [Counseling and Wellness Center website](#) or call 352-392-1575 for information on crisis services as well as non-crisis services.
- *Student Health Care Center*: Call 352-392-1161 for 24/7 information to help you find the care you need or visit the [Student Health Care Center website](#).
- *University Police Department*: Visit [UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).
- *UF Health Shands Emergency Room / Trauma Center:* For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608. Visit the [UF Health Emergency Room and Trauma Center website](#).
- *GatorWell Health Promotion Services*: For prevention services focused on optimal wellbeing, including Wellness Coaching for Academic Success, visit the [GatorWell website](#) or call 352-273-4450.

Services for Students with Disabilities

The [Disability Resource Center](#) coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty- student disability related issues. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation.
0001 Reid Hall, 352-392-8565, https://disability.ufl.edu/

Student Complaints

Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic departments at the program level. See https://distance.ufl.edu/state-authorization-status/#student-complaint for more details.