



School of Natural Resources
and Environment

EVS 3000L | Environmental Science Lab | Fall 2025

INSTRUCTORS:	
<i>Tuesday section</i>	<i>Wednesday section</i>
Finella Campanino PhD student, SNRE Email: campaninof@ufl.edu Office hours: Thursday 12:00-1:00 pm Location: McCarty Hall D 2053	Ana Yoko Ykeuti Meiga PhD candidate, SNRE Email: a.ykeutimeiga@ufl.edu Office hours: Wed 2:00-3:00 pm Location: McCarty Hall D 2053
CLASS MEETING INFORMATION:	
<i>Tuesday section (11555)</i> 12:50 – 3:50 pm McCarty Hall B 3108	<i>Wednesday section (11556)</i> 8:30 - 11:30 am Architecture Building AH 0215

Note: The location of the class will vary by week, with some labs taking place outside or off campus. The instructor will notify the students of the class meeting location in advance. Students must attend the lab section they are enrolled in.

PREREQUISITES:

[CHM 2045](#) or [CHM 2047](#) or [CHM 2095](#)

COURSE MATERIALS:

There are no required textbooks. Readings 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 interactions and 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, and much more!

Our objective in this lab is to give you:

- 1) exposure to the diversity of environmental science careers,
- 2) an introduction to field- and lab-based methodologies, as well as quantitative techniques, commonly used in environmental research, and
- 3) professional development opportunities to help you progress in the field.

Lab activities will break roughly into three categories:

- Career exploration activities—listening to environmental science professionals about their career trajectory, researching career options that match your interests, or engaging in one-on-one discussions with professionals with whom you share interests.
- Research exercises—practicing common methods for studying environmental problems from different perspectives, including policy, human dimensions, and biology (e.g., hands-on sampling projects, tours of research facilities and field sites, and tutorials of basic statistical programming).
- Professional development activities—developing key practical skills for professional behavior, 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:

- Have gained a basic understanding of the many possible professional trajectories in Environmental Science and be able to research environmental career opportunities and evaluate how they fit with students' current skills and long-term training and 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.

COURSE OUTLINE:

Specific field trip activities are subject to change pending guest speaker availability.

Week	Tuesday 12:50-3:50 pm	Wednesday 8:30-11:30 am	Topic	Location	Guest
1	8/26/2025	8/27/2025	Intro to Lab	Classroom	Finella Campanino/ Ana Meiga
2	9/2/2025	9/3/2025	Science Education	Classroom	Alberto Lopez
3	9/9/2025	9/10/2025	Invasive spp, eDNA, genetics, imperiled species, telemetry, deep-sea ecosystems, coastal wetlands	USGS WARC	USGS researchers
4	9/16/2025	9/17/2025	Land Management & Conservation	Austin Cary Forest	Scott Sager
5	9/23/2025	9/24/2025	Terrestrial Field Methods	Natural Area Teaching Lab	Johanna Freeman
6	9/30/2025	10/1/2025	Wetland Field Methods	Lake Alice	Masanori Fujimoto
7	10/7/2025	10/8/2025	Research Skills	Library	Laurel Kaminsky
8	10/14/2025	10/15/2025	Conservation and Ecological Consulting	Classroom	Jesse Borden
9	10/21/2025	10/22/2025	Environmental Research	Experiential Learning Lab	Ann Wilkie
10	10/28/2025	10/29/2025	Water Reclamation/Park Management	Sweetwater Wetlands Park	Darby Guyn
11	11/4/2025	11/5/2025	Environmental Justice	Classroom	Stephanie Cadaval
12	11/11/2025	11/12/2025	Online activity - Data analysis and R	Online	Finella Campanino/ Ana Meiga
13	11/18/2025	11/19/2025	Food, Agriculture, Waste	Horticultural Sciences Teaching Farm	Dina Liebowitz
14	11/25/2025	11/26/2025	Thanksgiving	-	-
15	12/2/2025	12/3/2025	Final Presentations	Classroom	Finella Campanino/ Ana Meiga

COMMUNICATION:

All course communication outside of class and office hours will be done through Canvas and your UF email. You are responsible for checking both regularly to keep up to date. If you have questions or need help outside of class or office hours, we will try to respond to email and chat messages quickly. Please allow at least 24 hours to hear back from us - this means you may want to work on your assignments early, so you have time to reach out to us if you run into any sticking points.

ATTENDANCE AND PARTICIPATION:

Since this is a lab, attendance and participation are important. Attendance will be taken each week that the class meets in person. Participation credit will be determined based on your interactions, questions, comments, punctuality, and attentiveness. Cell phone and computer use during inappropriate times (e.g., presentations by classmates, instructors, and guests) will result in point deductions. Students are required to ride with the group to off-campus sites. If you are not at the designated meeting point at the scheduled departure time, we will leave without you, and you will receive a 0 for participation and attendance that day. We expect you to interact in a polite and professional manner with your instructors, classmates, and the environmental professionals we will meet with.

In the event a student is absent from class, the student will need to contact their instructor regarding a make-up lab assignment in order to earn the points for that day of lab. This make-up assignment will be due within two weeks of the missed class date. After one absence, students need to communicate and work with their instructor on a plan to make up missed labs. These situations will be handled on a case-by-case basis; we recognize that students may face unexpected challenges during the semester; please contact your instructor as soon as possible if this is the case.

LATE POLICY:

Late assignments will be marked down by 10% each week they are late. If circumstances change such that you have trouble completing either the final project or multiple weekly assignments on time, we encourage you to get in touch with your instructor.

PROPER ATTIRE:

Proper attire may vary based on the conditions and the environment we will be in. Several of the class trips require closed-toed shoes and long pants. There will be times when you may wish to wear boots, as we may be in wet, muddy locations. Also, we may experience inclement weather such as rain. Please check the forecast and have rain gear when appropriate. Please contact your instructor if you need assistance in acquiring appropriate attire. Announcements will be posted on Canvas/emailed each week to give further direction regarding appropriate attire for the upcoming field trip.

COURSE ADJUSTMENTS:

Any changes to the schedule or assignments will be announced via Canvas and updated on the Canvas calendar. If you encounter new circumstances or challenges this semester that affect your ability to do the assignments as designed, please reach out to us and we will try to find a solution that supports your well-being and helps you get the most possible out of this course. The sooner you open a line of communication with us, the better positioned we will be to figure something out. We understand that these are unpredictable times, and you should not hesitate to get in touch with us at any point.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES:

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the [Disability Resource Center](#). It is important for students to share their accommodation letter with their instructor and discuss their access needs as early as possible in the semester.

COURSE GRADING:

Component	Percent
Attendance/participation	60%
Assignments	15%
Final project	25%
Total	100%

GRADING SCALE:

A	90 - 100%
B	80 - 89%
C	70 - 79%
D	60 - 69%
F	0 - 59%

GRADES AND GRADE POINTS:

For information on current UF policies for assigning grade points, see:
[UF Grading Policies](#)

COURSE EVALUATION PROCESS:

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. 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: [Providing Constructive Feedback](#)

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 [UF Bluera](#)

Summaries of course evaluation results are available to students at: [Gator Eval Public Results](#)

UNIVERSITY OF FLORIDA ACADEMIC POLICIES

Please visit the following link for the latest academic policies: [UF Academic Policies and Resources](#)

NON-DISCRIMINATION POLICY

We support the University of Florida regulation [1.006](#) on non-discrimination. This classroom is a place where you are valued and will be treated with respect. All members of this class are expected to contribute to a respectful and welcoming environment for every other member of the class. This does not mean that you are not allowed to disagree with others, but that such differences should be explored without *ad hominem* judgment. Considering different perspectives enriches our understanding of the variety of human-nature interactions and is imperative to developing just solutions to complex environmental problems.

ACADEMIC HONESTY AND PLAGIARISM

This course follows the university's honesty policy regarding cheating, plagiarism, etc.

Many students are unaware of the seriousness of violating academic ethics. PLAGIARISM, WHETHER INTENTIONAL OR UNINTENTIONAL, IS A SERIOUS AND POTENTIALLY CAREER-ENDING FORM OF ACADEMIC MISCONDUCT. Copying and pasting from external sources without attribution is never okay in academia. Direct quotes are not commonly used in science writing; paraphrases accompanied by a proper in-text citation should be used instead. Inappropriate use of direct quotes in this class will result in a loss of credit.

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. Using AI to generate content, including 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.

CAMPUS HEALTH AND WELLNESS RESOURCES:

Please visit the link [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.

ZOOM POLICY:

Our sessions may be audio-visually recorded for students in the class to refer back to and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who unmute during a Zoom session and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during a Zoom session, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

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. That said, the software we will be using, [R](#) and [RStudio](#), are **free and open source** – R under [a GNU general public license](#) and RStudio under [GNU Affero general public license V3](#). As part of the lab, we'll be helping you get set up with R and RStudio on your personal computer. If you do not have access to a laptop, we have a limited supply of laptops we can bring for you to work with.

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.

- *Student Complaints On-Campus:* Visit the [Student Honor Code and Student Conduct Code webpage](#) for more information.
- *On-Line Students Complaints:* [View the Distance Learning Student Complaint Process](#).