

# ENR2100 Syllabus

Introduction to Environmental Science Lecture SP24

GE Foundations, Natural Science: 3 Credits

Instructor: Dr. Brian Lower

## Course Information

- **Course times and location:** No required schedule meetings; all instruction occurs in Carmen each week. Lecture content is broken up into weekly modules within Carmen.
- **Credit hours:** 3
- **Mode of delivery:** Distance Learning; Asynchronous

## Instructor

- **Name:** Dr. Brian Lower
- **Email:** ENR2100@osu.edu
- **Preferred means of communication:**
  - My preferred method of communication for questions is **the course email: ENR2100@osu.edu**
  - My class-wide communications will be sent through the Announcements tool in CarmenCanvas. Please check your [notification preferences](https://go.osu.edu/canvas-notifications) (go.osu.edu/canvas-notifications) to be sure you receive these messages.

## Teaching Associate

- **Name:** Ella Weaver
- **Email:** ENR2100@osu.edu
- **Office Hours:** Provided on the CarmenCanvas homepage.

## Course Prerequisites

There are no prerequisites for this course.

## Course Description

ENR 2100 fulfills 3-credits of the General Education (GE) Category Foundations: Natural Science. Students will engage in theoretical and empirical study within the natural



sciences. All students who entered Ohio State prior to autumn 2022 follow the [Legacy GE](#) that was in effect when they were admitted. Starting in autumn 2022, new students and new transfer students will follow the New GE, unless a petition is approved to follow the Legacy GE.

Students will gain an appreciation of modern principles, theories, methods, and modes of inquiry used generally across the natural sciences. Students will discern the relationship between science and technology, while appreciating the implications of scientific discoveries and the potential impacts of science and technology to address problems of the contemporary world.

## Learning Outcomes

This course fulfills the General Education (GE) rational for the Foundations, Natural Science category. ENR 2101 fulfills Specific Goals 1 and 2 Natural Science and Expected Learning Outcome 1.1, 1.2, 2.1, 2.2 and 2.3.

When this 3-credit ENR 2100 lecture is taken in combinations with the 1-credit ENR 2101 laboratory, together these 4-credits (i.e., 1-credit laboratory + 3-credit lecture) fulfills ALL Goals (i.e., Goals 1 and 2) and ALL Expected Learning Outcomes (i.e., ELOs 1.1, 1.2, 1.3, 2.1, 2.2, 2.3) for the Foundations, Natural Science GE category.

## General Education Expected Learning Outcomes

As part of the Foundations, Natural Science category of the General Education curriculum, this course is designed to prepare students to be able to do the following:

- Expected Learning Outcome 1.1: Successful students can explain basic facts, principles, theories, and methods of modern natural sciences; describe and analyze the process of scientific inquiry.
- Expected Learning Outcome 1.2: Successful students are able to identify how key events in the development of science contribute to the ongoing and changing nature of scientific knowledge and methods.
- Expected Learning Outcome 2.1: Successful students are able to analyze the interdependence and potential impacts of scientific and technological developments.
- Expected Learning Outcome 2.2: Successful students are able to evaluate social and ethical implications of natural scientific discoveries.
- Expected Learning Outcome 2.3: Successful students are able to critically evaluate and responsibly use information from the natural sciences.

This course fulfills these learning outcomes by:

**GOAL 1**: Successful students will engage in theoretical and empirical study with the natural sciences, gaining an appreciation of the modern principles, theories, methods, and modes of inquiry used generally across the natural sciences.

GOAL 2: Successful students will discern the relationship between the theoretical and applied sciences, while appreciating the implications of scientific discoveries and the potential impacts of science and technology.



# Course Materials, Fees, and Technologies

## Recommended/Optional Materials

**Environmental Science for a Changing World**, 1<sup>st</sup> Edition (2013), 2<sup>nd</sup> Edition (2014), 3<sup>rd</sup> edition (2018) or 4<sup>th</sup> edition (2021), by Houtman, Karr, and Interlandi, published by W.H. Freeman. Any edition is acceptable for class. We recommend renting or purchasing the textbook from any online textbook site if you feel that this will enhance your learning experience. Quiz questions are based on lecture material, they are not directly based on material from a textbook.

## Required Equipment

- **Computer:** current Mac (MacOS) or PC (Windows 10) with high-speed internet connection
- **Microphone:** built-in laptop or tablet mic or external microphone
- **Other:** a mobile device (smartphone or tablet) to use for BuckeyePass authentication

If you do not have access to the technology you need to succeed in this class, review options for technology and internet access at [go.osu.edu/student-tech-access](https://go.osu.edu/student-tech-access).

## Required Software

**Microsoft Office 365:** All Ohio State students are now eligible for free Microsoft Office 365. Visit the [installing Office 365](https://go.osu.edu/office365help) (go.osu.edu/office365help) help article for full instructions.

## CarmenCanvas Access

You will need to use [BuckeyePass](https://buckeyepass.osu.edu) (buckeyepass.osu.edu) multi-factor authentication to access your courses in Carmen. To ensure that you can always connect to Carmen, it is recommended that you do each of the following:

- Register multiple devices in case something happens to your primary device. Visit the [BuckeyePass - Adding a Device](https://go.osu.edu/add-device) (go.osu.edu/add-device) help article for step-by-step instructions.
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new codes** button that appears. This will text you ten passcodes good for 365 days that can each be used once.
- [Install the Duo Mobile application](https://go.osu.edu/install-duo) (go.osu.edu/install-duo) on all your registered devices for the ability to generate one-time codes if you lose cell, data, or Wi-Fi service.

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at [614-688-4357 \(HELP\)](tel:614-688-4357) and IT support staff will work out a solution with you.



## Technology Skills Needed for This Course

- Basic computer and web-browsing skills
- [Navigating CarmenCanvas](https://go.osu.edu/canvasstudent) (go.osu.edu/canvasstudent)
- [CarmenZoom virtual meetings](https://go.osu.edu/zoom-meetings) (go.osu.edu/zoom-meetings)
- [Recording a slide presentation with audio narration and recording, editing, and uploading video](https://go.osu.edu/video-assignment-guide) (go.osu.edu/video-assignment-guide)

## Technology Support

For help with your password, university email, CarmenCanvas, or any other technology issues, questions, or requests, contact the IT Service Desk, which offers 24-hour support, seven days a week.

- **Self Service and Chat:** [go.osu.edu/it](https://go.osu.edu/it)
- **Phone:** [614-688-4357 \(HELP\)](tel:614-688-4357)
- **Email:** [servicedesk@osu.edu](mailto:servicedesk@osu.edu)



# How This Online Course Works

**Mode of delivery:** No required scheduled meetings, this course is 100% online; all instruction occurs in Carmen each week. Lecture content is broken up into weekly modules.

**Pace of activities:** This course is divided into **weekly modules**. Students are expected to keep pace with weekly deadlines but may schedule their efforts freely within that time frame.

**Credit hours and work expectations:** This is a 3 credit-hour course. According to [Ohio State bylaws on instruction](http://go.osu.edu/credithours) (go.osu.edu/credithours), students should expect around 3 hours per week of time spent on direct instruction (instructor content and Carmen activities, for example) in addition to 6 hours of homework (reading and assignment preparation, for example) to receive a grade of C average.

**Attendance and participation requirements:** Attendance will not be taken in lecture. Attendance is based on your online activity and participation in Carmen. You are expected to log in to the course in Carmen every week. During most weeks you will log in many times. If you have a situation that might cause you to miss an entire week of class, please email [ENR2100@osu.edu](mailto:ENR2100@osu.edu) to discuss adjusted timelines.

- **Participating in online activities for attendance: multiple times per week.**
  - **You are expected to log in to the course in Carmen every week.**
  - A student who misses at least 7 days of coursework will be required to provide documentation from SLDS, Student Advocacy, or a doctor's note. The documentation must provide dates and these dates must match the missing coursework.
  - A student who misses at least 14 days of coursework should contact the instructor immediately because they will likely be advised to drop/withdraw from the course.

# Grading and Faculty Response

## How Your Grade is Calculated

Assignment Category	Percentage of Final Grade
9 Scientific Poster Assignments	50%
14 Quizzes (drop 2 lowest quizzes)	50%
Total	100%

\*See course schedule for due dates. Everything due by 11:59PM on Sundays.

## Descriptions of Major Course Assignments

### Poster Assignments

**Description:** (9 poster assignments per semester, 50% of final grade): Students will complete a total of 9 poster assignments each semester, all of which will be submitted on Carmen. Each assignment will be unique, with some being graded complete/incomplete and others will be graded using points. Assignments will be open on Carmen for 7 days before the due date and 10 days after the due date to give students the chance to use our class late-submission policy. Carmen pages will be visible before each poster assignment so students can review the skills required for each assignment and to provide resources for students to use for their work. Poster assignments are open book; however, a student must complete the work on their own without help from others.

### Quizzes

**Description:** (14 quizzes, 50% of final grade): Students will complete a total of 14 quizzes each semester (approximately one quiz each week). We will drop the 2 lowest quizzes. All quizzes will be completed using Carmen. Quizzes are open-book and designed to assist students in reviewing the course lecture and build upon their understanding of material. Quizzes will be open on Carmen for 7 days before the due date and 10 days after the due date to give students the chance to use our class late-submission policy. Quizzes will include various question types with material taken from lectures provided in the weekly module. These quizzes will be open- book, students will be given 2 attempts for each quiz, the higher score will be kept, and the lower score will be dropped.

## Late policy

Poster assignments and quizzes will be submitted and/or completed online through Carmen within a flexible time frame. All online work opens approximately 7 days before its due date. The assignment will close 10 days after a due date to allow students to use our late-submission policy. Assignments and quizzes can be completed at any time while the submission window is open on Carmen. Students will be permitted to work ahead. Submission of an assignment or quiz after the due date will result in a **-10% deduction per day from the overall grade. The submission window will automatically close after 10 days from the due date and will not reopen.** A student will earn a grade of 0% for a missed assignment or quiz. We do not allow make-up assignments or quizzes. All poster assignments and quizzes must be submitted/completed using Carmen. The instructor will not accept poster assignments or quizzes that are sent by email. Students should review all instructions before beginning an assignment or quiz.

Extenuating circumstances sometimes occur. Students who miss an assessment due to a legitimate reason (e.g., emergency, hospital visit, extended illness) should contact the instructor at [ENR2100@osu.edu](mailto:ENR2100@osu.edu) to request permission to make-up an assignment. The instructor will determine if an excuse is acceptable. If a request is approved, the student will not be penalized -10% per day. If approved, the student must make up the missed assessment within a time frame specified by the instructor. Since this course has flexible due dates with assignments open for a period of 7 days on [Carmen](#), acceptable excuses typically entail military duty, lengthy illness, extended hospitalization, or other serious issues with official documentation. Not all requests will be approved, and the instructor can decline any request.

The due date for each assignment is provided on Carmen on the very first day of the semester to help students plan their semester. It is the responsibility of the student to know the due date for all assignments. We do this to accommodate students' busy schedules. Students are expected to plan their semester accordingly. Things such as a bad internet connection, faulty internet browser, a computer that "crashes", a battery that runs out of power, an obnoxious roommate or boss, software malfunction, a flat tire, etc. are not acceptable excuses for missing a deadline. The instructor does not accept assignments by email, and these will be deleted and not graded. Assignments should always be completed and/or submitted using [Carmen](#).

## Grading scale

Letter Grade	%	Mastery
A	93.00–100.0	Demonstrates complete mastery of all learning outcomes as demonstrated on assessments; participates in all aspects of the lab in a positive and timely manner.
A-	90.00–92.99	





B+	87.00–89.99	Demonstrates mastery of at least two learning outcomes as demonstrated on assessments; participates in all aspects of the lab in a positive and timely manner.
B	83.00–86.99	
B-	80.00–82.99	
C+	77.00–79.99	Demonstrates mastery of at least one learning outcome as demonstrated on assessments; participates in some aspects of the lab in a positive and timely manner. A minimum grade of “C-“will be earned by a student making a good faith effort on all aspects of the lab and demonstrated engagement.
C	73.00–76.99	
C-	70.00–72.99	
D+	67.00–69.99	Fails to meet mastery of any learning outcome such that student will not be successful in higher-level course; did not complete assessments; demonstrated lack of engagement, did not participate in lab, did not complete assessment in a timely fashion.
D	60.00–66.99	
E	00.00–59.99	

## Instructor Feedback and Response Time

I am providing the following list to give you an idea of my intended availability throughout the course. Remember that you can call [614-688-4357 \(HELP\)](tel:614-688-4357) at any time if you have a technical problem.

- **Preferred contact method:** If you have a question, please contact us through the course email address ([ENR2100@osu.edu](mailto:ENR2100@osu.edu)). **Please only use your OSU email account to send emails to this account.** It is important that you email your instructor using your OSU email because the instructor is not permitted to respond to external email accounts (e.g., Gmail).
- **Class announcements: Attending lecture is important to receive the most up to date course announcements.** I will also send all important class-wide messages through the Announcements tool in CarmenCanvas. Please check [your notification preferences](#) ([go.osu.edu/canvas-notifications](http://go.osu.edu/canvas-notifications)) to ensure you receive these messages.
- **Discussion board:** We will check discussion board questions throughout the week.
- **Grading and feedback:** For assignments submitted before the due date, we will try to provide feedback and grades within **ten days**. Assignments submitted after the due date may have reduced feedback, and grades may take longer to be posted.

## Fair Assessment Practices

We understand that grades are important to our students, and we strive to have clearly stated learning outcomes. We work hard to ensure that student grades are calculated in a fair and

accurate manner. Things that we do to ensure that the assessments we administer are fair and accurate:

1. We use grading rubrics to score all writing assignments. These rubrics provide clear grading expectations for varying levels of mastery. Students can see a grading rubric before they start working on an assignment so that performance expectations are clearly understood.
2. We evaluate the outcomes of assignments by checking all questions and all answers after an assignment closes to check for mistakes. Typically, we want to see that each question was answered correctly approximately 80% of the time. This 80% threshold indicates that a question was a fair assessment of the course material. If this threshold is not met, we may not count the question or we may provide students with another opportunity to answer a new question.
3. We utilize different kinds of assessments, and each assessment type is weighted equally. We use written assignments and quizzes to calculate a student's grade, and each is worth the same value for a student's Final Grade for the course. This has the impact of increasing a student's course grade by not weighing one assignment more than another.
4. We encourage students to do well on assessments by making all assignments and quizzes open-book and allow students to complete all assignments from anywhere.
5. We encourage students to do well on assessments by providing students an extended period (i.e., 7 days) to complete assignments and quizzes.
6. We accept late assignments with a small penalty of -10% deduction per day late. This ensures that a student would not receive an automatic grade of 0% for missing an assignment.
7. We provide clearly stated learning outcomes for our modules that are aligned to course content and assessments so that students better understand why they are completing an activity.

If you have questions about these practices or how your grade is calculated throughout the semester, please contact your instructor at [ENR2100@osu.edu](mailto:ENR2100@osu.edu).

## Grading Scale

93.00–100.0: A  
90.00–92.99: A-  
87.00–89.99: B+  
83.00–86.99: B  
80.00–82.99: B-  
77.00–79.99: C+  
73.00–76.99: C  
70.00–72.99: C-  
67.00–69.99: D+  
60.00–66.90: D  
00.00–59.99: E



THE OHIO STATE UNIVERSITY

College of Food, Agricultural, and Environmental Sciences  
School of Environment and Natural Resources

# Other Course Policies

## Academic Integrity Policy

See [Descriptions of Major Course Assignments](#) for specific guidelines about collaboration and academic integrity in the context of this online class.

### POLICIES FOR THIS ONLINE COURSE

- **Quizzes:** All quizzes are open book. You can use notes, lecture slides, videos, documentaries, the Internet, Google, calculators, books, articles. However, you must complete the quizzes yourself, without any external help or communication. You cannot use a group message App during quizzes. You cannot share questions and answers.
- **Written assignments:** All writing assignments are open book. You can use notes, lecture slides, videos, documentaries, the Internet, Google, calculators, books, articles. Your written assignments should be your own original work. You can ask a trusted person to proofread your assignments before you turn them in, but this person should not revise or rewrite your work. Dr. Lower uses Turn-It-In software to check for plagiarism in all written assignments. Plagiarized work will result in a grade of 0%.
- **Reusing past work:** In general, you are prohibited in university courses from turning in work from a past class to your current class, even if you modify it. If you want to build on past research or revisit a topic you've explored in previous courses, please discuss the situation with your instructor ([ENR2100@osu.edu](mailto:ENR2100@osu.edu)).

## Ohio State's Academic Integrity Policy

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University and the Committee on Academic Misconduct (COAM) expect that all students have read and understand the university's [Code of Student Conduct](http://studentconduct.osu.edu) (studentconduct.osu.edu), and that all students will complete all academic and scholarly assignments with fairness and honesty. Students must recognize that failure to follow the rules and guidelines established in the university's *Code of Student Conduct* and this syllabus may constitute "Academic Misconduct."

The Ohio State University's *Code of Student Conduct* (Section 3335-23-04) defines academic misconduct as: "Any activity that tends to compromise the academic integrity of the university or subvert the educational process." Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the university's *Code of Student Conduct* is never considered an excuse for academic misconduct, so I recommend that you review the *Code of Student Conduct* and, specifically, the sections dealing with academic misconduct.

**If I suspect that a student has committed academic misconduct in this course, I am obligated by university rules to report my suspicions to the Committee on Academic Misconduct.** If COAM determines that you have violated the university's Code of Student Conduct (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the university. If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Other sources of information on academic misconduct (integrity) to which you can refer include:

- [Committee on Academic Misconduct](https://go.osu.edu/coam) (go.osu.edu/coam)
- [Ten Suggestions for Preserving Academic Integrity](https://go.osu.edu/ten-suggestions) (go.osu.edu/ten-suggestions)
- [Eight Cardinal Rules of Academic Integrity](https://go.osu.edu/cardinal-rules) (go.osu.edu/cardinal-rules)

## **Artificial Intelligence and Academic Integrity at The Ohio State University**

There has been a significant increase in the popularity and availability of a variety of generative artificial intelligence (AI) tools, including ChatGPT, Sudowrite and others. These tools will help shape the future of work, research, and technology — but when used in the wrong way, they can stand in conflict with academic integrity at Ohio State.

All students have important obligations under the Code of Student Conduct to complete all academic and scholarly activities with fairness and honesty. Our professional students also have the responsibility to uphold the professional and ethical standards found in their respective academic honor codes. Specifically, students are not to use “unauthorized assistance in the laboratory, on field work, in scholarship or on a course assignment” unless such assistance has been authorized specifically by the course instructor. In addition, students are not to submit their work without acknowledging any word-for-word use and/or paraphrasing” of writing, ideas or other work that is not your own. These requirements apply to all students — undergraduate, graduate, and professional.

To maintain a culture of integrity and respect, these generative AI tools should not be used in the completion of course assignments unless an instructor for a given course specifically authorizes their use. Some instructors may approve of using generative AI tools in the academic setting for specific goals. However, these tools should be used only with the explicit and clear permission of each individual instructor, and then only in the ways allowed by the instructor.

## Using AI in this Course

Learning to use AI (e.g., ChatGPT and image generation tools) is an emerging skill that you will likely need to develop and master to be successful in your professional career. Recognizing this, you are permitted to use tools like ChatGPT to aid in you in completing assignments in this course. However, you should use these tools as an aid and not to do the bulk of your writing.

### REQUIREMENTS AND LIMITATIONS WHEN USING CHATGPT

- If you provide minimum-effort prompts, you will get low-quality results. You will need to refine your prompts to get good outcomes. This will take work.
- Don't trust anything ChatGPT says. If it gives you a number or fact, assume it is wrong unless you either know the answer or can check with another source. You will be responsible for any errors or omissions provided by the tool. It works best for topics you understand.
- AI is a tool, but one that you need to acknowledge using. Please include a paragraph at the end of any assignment that uses AI explaining what you used the AI for and what prompts you used to get the results. Failure to do so is in violation of academic honesty policies. See these examples for how to cite ChatGPT using APA style citation.
- Be thoughtful about when this tool is useful. Don't use it if it isn't appropriate for the case or circumstance.

## Copyright for Instructional Materials

The materials used in connection with this course may be subject to copyright protection and are only for the use of students officially enrolled in the course for the educational purposes associated with the course. Copyright law must be considered before copying, retaining, or disseminating materials outside of the course.

## Creating an Environment Free from Harassment, Discrimination, and Sexual Misconduct

The Ohio State University is committed to building and maintaining a community to reflect diversity and to improve opportunities for all. All Buckeyes have the right to be free from harassment, discrimination, and sexual misconduct. Ohio State does not discriminate based on age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, pregnancy (childbirth, false pregnancy, termination of pregnancy, or recovery therefrom), race, religion, sex, sexual orientation, or protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment. Members of the university community also

have the right to be free from all forms of sexual misconduct: sexual harassment, sexual assault, relationship violence, stalking, and sexual exploitation.

To report harassment, discrimination, sexual misconduct, or retaliation and/or seek confidential and non-confidential resources and supportive measures, contact the Office of Institutional Equity:

1. Online reporting form at [equity.osu.edu](https://equity.osu.edu),
2. Call 614-247-5838 or TTY 614-688-8605,
3. Or email [equity@osu.edu](mailto:equity@osu.edu)

The university is committed to stopping sexual misconduct, preventing its recurrence, eliminating any hostile environment, and remedying its discriminatory effects. All university employees have reporting responsibilities to the Office of Institutional Equity to ensure the university can take appropriate action:

- All university employees, except those exempted by legal privilege of confidentiality or expressly identified as a confidential reporter, have an obligation to report incidents of sexual assault immediately.
- The following employees have an obligation to report all other forms of sexual misconduct as soon as practicable but at most within five workdays of becoming aware of such information: 1. Any human resource professional (HRP); 2. Anyone who supervises faculty, staff, students, or volunteers; 3. Chair/director; and 4. Faculty member.

## Your Mental Health

As a student you may experience a range of issues that can cause barriers to learn, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. No matter where you are engaged in distance learning, The Ohio State University's Student Life Counseling and Consultation Service (CCS) is here to support you. If you find yourself feeling isolated, anxious, or overwhelmed, [on-demand mental health resources](https://go.osu.edu/ccsondemand) (go.osu.edu/ccsondemand) are available. You can reach an on-call counselor when CCS is closed at [614- 292-5766](tel:614-292-5766). **24-hour emergency help** is available through the [National Suicide Prevention Lifeline website](https://www.nationalsuicidepreventionlifeline.org) (suicidepreventionlifeline.org) or by calling [1-800-273-8255\(TALK\)](tel:1-800-273-8255). [The Ohio State Wellness app](https://go.osu.edu/wellnessapp) (go.osu.edu/wellnessapp) is also a great resource.

## Counseling and Consultation Services/Mental Health

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty



concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing.

If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life's Counseling and Consultation Service (CCS) by visiting [ccs.osu.edu](http://ccs.osu.edu) or calling 614-292-5766. CCS is located on the 4th floor of the Younkin Success Center and 10th floor of Lincoln Tower. You can reach an on-call counselor when CCS is closed at 614-292-5766 and 24 hour emergency help is also available 24/7 **by dialing 988 to reach the Suicide and Crisis Lifeline.**

## Diversity Statement

The Ohio State University affirms the importance and value of diversity of people and ideas. We believe in creating equitable research opportunities for all students and to providing programs and curricula that allow our students to understand critical societal challenges from diverse perspectives and aspire to use research to promote sustainable solutions for all. We are committed to maintaining an inclusive community that recognizes and values the inherent worth and dignity of every person; fosters sensitivity, understanding, and mutual respect among all members; and encourages each individual to strive to reach their own potential. The Ohio State University does not discriminate on the basis of age, ancestry, color, disability, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, gender, sexual orientation, pregnancy, protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment.

To learn more about diversity, equity, and inclusion and for opportunities to get involved, please visit:

- [odi.osu.edu](http://odi.osu.edu)
- [odi.osu.edu/racial-justice-resources](http://odi.osu.edu/racial-justice-resources)
- [odi.osu.edu/focus-on-racial-justice](http://odi.osu.edu/focus-on-racial-justice)
- [cbssc.osu.edu](http://cbssc.osu.edu)

In addition, this course adheres to **The Principles of Community** adopted by the College of Food, Agricultural, and Environmental Sciences. These principles can be found at [cfaesdei.osu.edu/about-us/cfaes-principles-community](http://cfaesdei.osu.edu/about-us/cfaes-principles-community). For additional information on Diversity, Equity, and Inclusion in CFAES, contact the CFAES Office for Diversity, Equity, and Inclusion ([cfaesdei.osu.edu](http://cfaesdei.osu.edu)). If you have been a victim of or a witness to harassment or discrimination or a bias incident, you can report it online and anonymously (if you choose) at [equity.osu.edu](http://equity.osu.edu).

information on Diversity, Equity, and Inclusion in CFAES, contact the CFAES Office for Diversity, Equity, and Inclusion (<https://equityandinclusion.cfaes.ohio-state.edu/>). If you have been a victim of or a witness to a bias incident, you can report it online and anonymously (if you choose) at <https://studentlife.osu.edu/bias/report-a-bias-incident.aspx>.

# Accessibility Accommodations for Students with Disabilities

## Requesting Accommodations

The university strives to maintain a healthy and accessible environment to support student learning in and out of the classroom. If you anticipate or experience academic barriers based on your disability (including mental health, chronic, or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion.

If you are isolating while waiting for a COVID-19 test result, please let me know immediately. Those testing positive for COVID-19 should refer to the Safe and Healthy Buckeyes site for resources. Beyond five days of the required COVID-19 isolation period, I may rely on Student Life Disability Services to establish further reasonable accommodations. You can connect with them at [slds@osu.edu](mailto:slds@osu.edu); 614-292-3307; or [slds.osu.edu](http://slds.osu.edu)



## Disability Services Contact Information

- Phone: [614-292-3307](tel:614-292-3307)
- Website: [slds.osu.edu](http://slds.osu.edu)
- Email: [slds@osu.edu](mailto:slds@osu.edu)
- In person: [Baker Hall 098, 113 W. 12th Avenue](#)

**Several accessibility accommodations are already built into our course for all students (see list below).** We work to provide these accommodations to all students and want to make sure all students have a positive learning experience in our course. Please send documentation from SLDS to [ENR2100@osu.edu](mailto:ENR2100@osu.edu) to establish any further accommodations needed during the semester. As per SLDS policy, accommodations will be implemented on the date provided in a student's accessibility letter and do not apply retroactively.

1. **Note Taking Assistance/Recording: PROVIDED TO ALL STUDENTS.** We provide all lab presentation slides via Carmen. Fully typed transcripts for lab presentations are provided via YouTube. Students can copy/paste the entire typed transcript anytime using any word processing software (e.g., Microsoft Word) directly from YouTube for all videos. These transcripts serve as written notes for all lectures.
2. **Distraction Reduced Testing Space, Small Group Setting: PROVIDED TO ALL STUDENTS.** Students can take all assessments on Carmen from anywhere. Students who are registered with Office of Student Life Disability Services (SLDS) and require distraction reduced testing space should make their own accommodations.
3. **Closed captioning and transcripts: PROVIDED TO ALL STUDENTS.** All required multimedia (e.g., videos, podcasts) are accompanied with closed captioning or transcripts that meet ADA requirements. Most times these features are provided by the content producer (e.g., The New York Times, PBS, NPR, Nature, National Geographic). However, you may find select transcripts produced by the course team and linked in Carmen.
4. **Flexible due dates for assignments: PROVIDED TO ALL STUDENTS.** All quizzes and assignments are open on Carmen for a period of approximately 7 days to accommodate students' busy schedules. Students can complete these assignments anytime while the window is open. Extenuating circumstances sometimes occur. Students who miss a due date for a legitimate reason (e.g., emergency, hospital visit, extended illness, unforeseen health issue, homelessness) should contact the instructor before the due date by email ([ENR2100@osu.edu](mailto:ENR2100@osu.edu)) to request additional time. The instructor will determine if an excuse is acceptable.



## Religious Accommodations

It is Ohio State's policy to reasonably accommodate the sincerely held religious beliefs and practices of all students. The policy permits a student to be absent for up to three days each academic semester for reasons of faith or religious or spiritual belief.

Students planning to use religious beliefs or practices accommodations for course requirements must inform the instructor in writing no later than 14 days after the course begins. The instructor is then responsible for scheduling an alternative time and date for the course requirement, which may be before or after the original time and date of the course requirement. These alternative accommodations will remain confidential. It is the student's responsibility to ensure that all course assignments are completed.

## Accessibility of Course Technology

This online course requires use of CarmenCanvas (Ohio State's learning management system) and other online communication and multimedia tools. If you need additional services to use these technologies, please request accommodations as early as possible.

- [CarmenCanvas accessibility](https://go.osu.edu/canvas-accessibility) (go.osu.edu/canvas-accessibility)
- Streaming audio and video
- [CarmenZoom accessibility](https://go.osu.edu/zoom-accessibility) (go.osu.edu/zoom-accessibility)

## Course Schedule

Refer to the CarmenCanvas course for up-to-date due dates.

<b>Week</b>	<b>Topic</b>	<b>Assignment</b>	<b>Due Date</b>
1	Environment and Sustainability	<b>Quiz Syllabus &amp; Policies</b> <b>Quiz What is Plagiarism</b> <b>Lecture Quiz 1</b>	January 14 Sunday at 11:59 PM
2	Scientific Process & Scientific Literacy	<b>Poster Work: Information Literacy</b> <b>Lecture Quiz 2</b>	January 21 Sunday at 11:59 PM
3	Persistent Pollutants	<b>Poster Work: Create Source Evaluation Guide</b>  <b>Lecture Quiz 3</b>	January 28 Sunday at 11:59 PM
4	Human Populations	<b>Poster Work: Research Question</b>  <b>Lecture Quiz 4</b>	February 4 Sunday at 11:59 PM
5	Population Ecology	<b>Poster Work: Annotated Bibliography</b> <b>Lecture Quiz 5</b>	February 11 Sunday at 11:59 PM
6	Community Ecology	<b>Lecture Quiz 6</b>	February 18 Sunday at 11:59 PM
7	Biomes & Biodiversity	<b>Poster Work: Outline Poster</b> <b>Lecture Quiz 7</b>	February 25 Sunday at 11:59PM
8	Freshwater Resources	<b>Lecture Quiz 8</b>	March 3 Sunday at 11:59 PM
9	Protecting Earth's Water	<b>Poster Work: Original Figure</b> <b>Lecture Quiz 9</b>	March 10 Sunday at 11:59 PM
10	Spring Break	<b>Nothing Due!</b>	March 11-15



11	Protecting Earth's Air	<b>Lecture Quiz 10</b>	March 24 Sunday at 11:59 PM
12	Protecting Earth's Food	<b>Poster Work: Poster First Draft</b> <b>Lecture Quiz 11</b>	*April 1 Monday at 11:59 PM
13	Environmental Cost of Coal	<b>Poster Work: Peer Reviews</b> <b>Lecture Quiz 12</b>	April 7 Sunday at 11:59 PM
14	Environmental Cost of Petroleum	<b>Lecture Quiz 13</b>	April 14 Sunday at 11:59 PM
15	Alternative & Renewable Energy	<b>Lecture Quiz 14</b>	April 21 Sunday at 11:59 PM
16	Wrap Up & Final Presentation	<b>Poster Work: Final Poster Presentation</b>	April 28 Sunday at 11:59 PM
*All quizzes and poster assignments are due on Sundays, except for Week 12.			