



SYLLABUS

ENTMLGY 2102

Insects and Human Affairs: Virtual Laboratory
Autumn 2024

Course Information

- **Course times and location:** Asynchronous and online
- **Credit hours:** 1
- **Mode of delivery:** Distance Learning

Instructor

- **Name:** Dr. Ellen Klinger
- **Email:** klinger.80@osu.edu
- **Phone Number:** 614-247-4763 (office)
- **Office location:** 255 Kottman Hall
- Office hours:** By appointment; email or ([Book time with Klinger, Ellen](#))
- **Preferred means of communication:**
 - My preferred method of communication for questions is **email**.
 - My class-wide communications will be sent through the Announcements tool in CarmenCanvas. Please check your [notification preferences](#) (go.osu.edu/canvas-notifications) to be sure you receive these messages. For announcements that are time sensitive or critical, I may also use e-mail as an additional notification route.

Course Prerequisites

ENTMLGY 2101 or concurrent enrollment



Course Description

Insects are a daily fact of life, exerting major influence on human affairs over the course of history. The course gives students experience in observing, recording and analyzing data associated with insect-human interactions.

General Education Goals and Expected Learning Outcomes (ELO)

This course, in combination with ENTMLGY 2101 is a General Education (GE) Foundations: Natural Sciences course. ENTMLGY 2102 fulfills Goal 1 in the GE Foundations: Natural Sciences and Expected Learning Outcome 1.3.

When this 1-credit ENTMLGY 2102 laboratory is taken in combination with the 3-credit ENTMLGY 2101 lecture, these 4-credits (i.e., 1-credit laboratory + 3-credit lecture) fulfill 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 GE Foundations: Natural Sciences category.

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

Expected Learning Outcome 1.1: Successful students are able to 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 1.3: Successful students are able to employ the processes of science through exploration, discovery, and collaboration to interact directly with the natural world when feasible, using appropriate tools, models, and analysis of data.

GE 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.

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 goal 1 and learning outcome 1.3 of the foundations of the Natural Science GE through a variety of activities such as: Designing experiments involving fly trap design and insect behavior, carrying out those experiments and reflecting on the process. Collecting and analyzing data in these experiments as well as through other data collection sources, manipulating and analyzing the data responsibly and creating appropriate results and data summaries. Experiencing and investigating the insect world around you with light trapping, pollinator observations and diapausing insect searching. Creating links between society and insects through investigation into insect uses in the media. All goals will be assessed through weekly lab assignments as well as through questions on the lab final exam.

Course Specific Learning Outcomes

By the end of this course, students should successfully be able to (with reference to the related general education learning objectives above):

- Identify the scientific process and synthesize insect related experimental designs (ELO1.3)
- Observe insects and identify evidence of their impact to the world (ELO 1.3)
- Analyze insect related data with appropriate tool and summarize results for a lay audience (ELO 1.3).

How this course works

Mode of delivery: This course is 100% online. There are no required sessions when you must be logged in to Carmen at a scheduled time, however there will be at home activities to complete during the week. There may be some optional in-person or online synchronous activities offered during the semester to facilitate completion of the labs (group insect trapping, access to live insects for experiments) but these activities are 100% optional and not required to get a good grade or complete this course.

Pace of online activities: This course is divided into **weekly labs** that are released one week ahead of their due date, via Carmen module. Laboratory modules will include a laboratory overview outlining expectations, video explanations by the instructor as well as relevant links and materials. Students are expected to keep pace with weekly deadlines but may schedule their efforts freely within that time frame. Keep in mind that some assignments cannot be completed at the last minute and students should review their expected workload at the beginning of the week. In some labs requiring data collection, students may need to distribute their effort over several days. While I encourage direct student interaction with insects, anytime a lab requires use of or observation of a live insect, recorded material will also be available for those students who do not wish to / have difficulty interacting with live insects.

Credit hours and work expectations: This is a [1] credit-hour course. According to [Ohio State bylaws on instruction](#) (go.osu.edu/credithours), students should expect around 2 hours



per week of time spent on direct lab work and instruction and an additional 1 hour per week studying and completing assignments to receive a grade of C average.

Attendance and participation requirements: Research shows regular participation is one of the highest predictors of success. With that in mind, I have the following expectations for everyone's participation:

Participating in online activities for attendance: at least once per week

You are expected to log in to the course in Carmen every week. During most weeks you will probably log in many times. If you have a situation that might cause you to miss an entire week of class, discuss it with me *as soon as possible*.

Zoom meetings and office hours: optional

All live, scheduled events for the course, including my office hours, are optional.

Participating in lab group forums: one to two times per week

Each week you will interact with your lab group online via Packback.

If you have an absence due to medical conditions, school activities or other documentable issues, please contact the instructor to alert them to this excused absence. Due dates will be adjusted accordingly.

Course Materials, Fees and Technologies

Required Materials and/or Technologies

Packback

Participation is a requirement for this course, and the Packback Questions platform will be used for online discussion about class topics. Packback Questions is an online curiosity community where you can be fearlessly curious and ask BIG questions about how what we're studying relates to life and the real world. We will spend time in class highlighting discussions from Packback, encouraging feedback and recognizing top students!

My goals for using Packback are for us to explore and communicate our novel ideas about insects and the science behind insects.

Before you start posting, be sure to read the [Community Guidelines](#) found in the tutorial on Packback. If your post doesn't follow the Packback Community Guidelines, there is a chance it will be removed and you won't receive points for that post.

How to Get Help from the Packback Team

If you have ANY questions or concerns regarding Packback throughout the semester, please contact the customer support team at holla@packback.co

How to Register on Packback:

You will receive a welcome email from holla@packback.co prompting you to finish registration. Packback has already created an account for you with your school email, *all you need to do is reset your password*. This email may be directed to spam or filtered out, so make sure you do a thorough scan of your inbox if you can't find the email. If you search your inbox and still can't find

the welcome email, or if you are new to the course, you may manually register by following the instructions below:

Navigate to <https://questions.packback.co/login> and click “Sign up for an Account” Note: If you already have an account on Packback you can login with your credentials. Make sure to register with your SCHOOL email address and real first name and last name. Enter our class community’s lookup key into the “Join a Community” module on your dashboard. Please note, the following Community Lookup Key is only for locating the community; it is NOT a coupon code or access code. Our Community Lookup Code: K2J-4AP-AKMJ
Follow the instructions on your screen to finish your registration.

If you have ANY questions or concerns regarding Packback throughout the semester, please contact the customer support team at holla@packback.co

For a brief introduction to Packback Questions and why we are using it in class, watch this video: vimeo.com/packback/Welcome-to-Packback-Questions

Textbook

There is no required text for this class.

As part of the animal behavior lab, students may opt to purchase a feeder cricket or mealworm beetle larvae from a pet store. The instructor will provide you information regarding sources for this purchase in Carmen- total student cost should be less than \$0.25. This purchase is not required.

Students may need to locate common household products to complete the light trap and fly trap labs if they do not wish to use virtual material; in certain circumstances students may need to purchase an inexpensive component of the lab setup. The instructor will provide you with a full list of equipment needed via Carmen in week one of the course.

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](https://go.osu.edu/student-tech-access) (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.

Students will access several additional internet-based systems. There will be no need to download these programs. They include

ImageJ(<https://imagej.nih.gov/ij/index.html>)

NetLogo:(<https://ccl.northwestern.edu/netlogo/index.shtml>)



Academo: (<https://academo.org/demos/spectrum-analyzer/>)

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 are able to connect to Carmen at all times, 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 of your registered devices for the ability to generate one-time codes in the event that 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
- **Phone:** [614-688-4357 \(HELP\)](tel:614-688-4357)
- **Email:** servicedesk@osu.edu



Grading and Faculty Response

How Your Grade is Calculated

Assignment Category	Points
Class Intro Materials (Syllabus Quiz)	10
Weekly Lab Reports (25 points each)	325
Packback participation (10 points each)	70
Laboratory Final	30
Total points	430

See Carmen and course schedule for specific due dates, however **all lab reports will be due on Tuesdays at 11:59PM**

Descriptions of Major Course Assignments

Class Intro Materials

Description: Each student will be required to take a short quiz on the syllabus material for this lab. This quiz ensures students will understand the lab format and serves as a measure for initial engagement in his online course

Academic integrity and collaboration: These quizzes are open-book and untimed. Students must complete the syllabus quiz on their own, but they will have multiple untimed opportunities to take the quiz.

Weekly Lab Reports:

Description: Students will submit a lab report via a Carmen assignment after completing each week's activity. This lab report will include any data and observations as well as answers to questions posed by the instructor via the assignment. The lab reports will also include student reflections with classmate interaction in discussion and other online forums regarding the previous week's lab. Each Carmen lab report assignment will include details about the required information for that week's assignment.

Academic integrity and collaboration: Each student must turn in a lab report that is their own work. While in some laboratory cases we will use shared data, all student question answers and reflections will be their own. Students may work with other students on specific areas that will be clearly designated by the instructor within the Carmen assignment.



Packback:

Description: To simulate the cooperation and discussion that is part of a laboratory course, we will utilize Packback to have class discussions and generate ideas related to our laboratory work. Your participation on Packback will count toward 15% of your overall course grade.

There will be a **Weekly Tuesday at 11:59PM EST deadline** for submissions. In order to receive full credit, you should submit the following per each deadline period:

- 1 open-ended Question every week with a minimum Curiosity Score of 50, worth 33.33% of each assignment grade
- 2 Responses every week with a minimum Curiosity Score of 50, worth 66.67% of each assignment grade
- Half credit will be provided for questions and responses that do not meet the minimum curiosity score.

Academic integrity and collaboration: Each student must create posts that are their own work. When providing support or additional ideas, provide any required references that illustrate your point, but do not copy material from other sources without providing credit.

Laboratory Final

Description: The laboratory final will be administered using the Carmen quiz function during the last week of class. This laboratory final will be composed of multiple choice and short answer questions and will evaluate student understanding of the concepts learned during the semester.

Academic integrity and collaboration: Students may not work with others on the laboratory final, but students may use any notes and books during the online final. The laboratory final will not be timed and will be available for completion in lieu of a weekly lab assignment in Week 14.

Late Assignments

Please refer to Carmen for specific due dates for each assignment. Due dates are set to help you stay on pace and to allow timely feedback that will help you complete subsequent assignments. Late assignments may be subject to a 10% reduction of points per 24-hour period. If you are unable to turn in an assignment due to an excused absence, alert the instructor via e-mail as soon as possible and the instructor will discuss a modified due date with you when you submit your excused absence reason.

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 me first through my Ohio State email address. I will reply to emails within **24 hours on days when class is in session at the university**.
- **Class announcements:** I will send all important class-wide messages through the Announcements tool in CarmenCanvas. Please check [your notification preferences](https://go.osu.edu/canvas-notifications) (go.osu.edu/canvas-notifications) to ensure you receive these messages. I may also send important announcements directly to your email if needed.
- **Grading and feedback:** For assignments submitted before the due date, I 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.

Grading Scale

93–100%: A
 90–92.9%: A-
 87–89.9%: B+
 83–86.9%: B
 80–82.9%: B-
 77–79.9%: C+
 73–76.9%: C
 70–72.9%: C-
 67–69.9%: D+
 60–66.9%: D
 Below 60%: E

Insect safety

This class will have assignments that may ask you to observe live insects and arthropods. If an assignment asks you to observe insects, please understand that handling the insects may result in bites or stings. In cases in which you may be asked to handle insects (insect behavior lab) the instructor will provide clear guidelines for safe insect handling if needed. All activities that involve direct insect interaction will have recorded material available to use in lieu of the insect activities. At any time, if you have a question regarding safety with insects, or are uncomfortable handling insects, please contact your instructor via e-mail. Note: If you live in university sponsored housing, you are not permitted to house or attract insects within these facilities. Your instructor will clearly indicate those lab activities that will need to be completed through asynchronous recordings at the time of assignment.

Other Course Policies

Discussion and Communication Guidelines

Students will be placed into small lab groups. There may be need to communicate between members of this group. These are my general expectations for how we should communicate as a class. Above all, please remember to be respectful and thoughtful.



- **Writing style:** While there is no need to participate in class discussions as if you were writing a research paper, you should remember to write using good grammar, spelling, and punctuation. Excessive spelling and grammar errors may result in a reduction in your discussion grades. A more conversational tone is fine for non-academic topics.
- **Tone and civility:** Let's maintain a supportive learning community where everyone feels safe and where people can disagree amicably. Remember that sarcasm doesn't always come across online. I will provide specific guidance for discussions on controversial or personal topics. Abide by your agreed upon group discussion rules.
- **Citing your sources:** When we have academic discussions, please cite your sources to back up what you say. For the textbook or other course materials, list at least the title and page numbers. For online sources, include a link.
- **Backing up your work:** Consider composing your academic posts in a word processor, where you can save your work, and then copying into the Carmen discussion.

Academic misconduct / integrity policy

See **Descriptions of major course assignments**, above, for my specific guidelines about collaboration and academic integrity in the context of this online class.

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, 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.

Artificial Intelligence and Academic Integrity

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.

[RESOURCES FROM THE DRAKE INSTITUTE FOR TEACHING AND LEARNING](#)
[RESOURCES FROM THE TEACHING AND LEARNING RESOURCE CENTER](#)
[COMMITTEE ON ACADEMIC MISCONDUCT \(COAM\)](#)

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 on the basis of 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:

Online reporting form at equity.osu.edu,

Call 614-247-5838 or TTY 614-688-8605,

Or Email 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.

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:

<https://odi.osu.edu/>
<https://odi.osu.edu/racial-justice-resources>
<https://odi.osu.edu/focus-on-racial-justice>
<https://cbasc.osu.edu>

In addition, this course adheres to **The Principles of Community** adopted by the College of Food, Agricultural, and Environmental Sciences. These principles are located on the Carmen site for this course; and can also be found at <https://go.osu.edu/principlesofcommunity>. For additional 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 harassment or discrimination or a bias incident, you can report it online and anonymously (if you choose) at <https://equity.osu.edu/>.

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 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 through the 24/7 by dialing 988 to reach the Suicide and Crisis Lifeline.

For students in the College of Food, Agricultural, and Environmental Sciences, David Wirt, wirt.9@osu.edu, is the CFAES embedded mental health counselor on the Columbus campus. To contact David, please call 614-292-5766. Students should mention their affiliation with CFAES if interested in speaking directly with David.

Religious Accommodations

Ohio State has had a longstanding practice of making reasonable academic accommodations for students' religious beliefs and practices in accordance with applicable law. In 2023, Ohio State updated its practice to align with new state legislation. Under this new provision, students must be in early communication with their instructors regarding any known accommodation requests for



religious beliefs and practices, providing notice of specific dates for which they request alternative accommodations within 14 days after the first instructional day of the course. Instructors in turn shall not question the sincerity of a student's religious or spiritual belief system in reviewing such requests and shall keep requests for accommodations confidential.

With sufficient notice, instructors will provide students with reasonable alternative accommodations with regard to examinations and other academic requirements with respect to students' sincerely held religious beliefs and practices by allowing up to three absences each semester for the student to attend or participate in religious activities. Examples of religious accommodations can include, but are not limited to, rescheduling an exam, altering the time of a student's presentation, allowing make-up assignments to substitute for missed class work, or flexibility in due dates or research responsibilities. If concerns arise about a requested accommodation, instructors are to consult their tenure initiating unit head for assistance.

A student's request for time off shall be provided if the student's sincerely held religious belief or practice severely affects the student's ability to take an exam or meet an academic requirement **and** the student has notified their instructor, in writing during the first 14 days after the course begins, of the date of each absence. Although students are required to provide notice within the first 14 days after a course begins, instructors are strongly encouraged to work with the student to provide a reasonable accommodation if a request is made outside the notice period. A student may not be penalized for an absence approved under this policy.

If students have questions or disputes related to academic accommodations, they should contact their course instructor, and then their department or college office. For questions or to report discrimination or harassment based on religion, individuals should contact the [**Office of Institutional Equity**](#).

Policy: [**Religious Holidays, Holy Days and Observances**](#)

Weather or short-term closing

Although Ohio State strives to remain open to ensure continuity of services to students and the public, extreme conditions can warrant the usage of the university's [**Weather or Other Short-Term Closing Policy**](#). Please [**visit this webpage**](#) to learn more about preparing for potential closings and planning ahead for winter weather. Should in-person classes be canceled, I will notify you as to which alternative methods of teaching will be offered to ensure continuity of instruction for this class. Communication will be via an announcement on Carmen Canvas.

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 ill and need to miss class, including if you are staying home and away from others while experiencing symptoms of viral infection or fever, please let me know immediately. In cases where illness interacts with an underlying medical condition, please consult with Student Life Disability Services to request reasonable accommodations. You can connect with them at slds@osu.edu; 614-292-3307; or slds.osu.edu.

In addition, please feel free to discuss class performance or your ability to complete a class task with your instructor. My priority is to facilitate a positive learning environment. Do not hesitate to e-mail me (klinger.80@osu.edu) if you have questions or concerns.

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 with your instructor.

- [Canvas accessibility \(go.osu.edu/canvas-accessibility\)](http://go.osu.edu/canvas-accessibility)
- Streaming audio and video
- CarmenZoom accessibility (go.osu.edu/zoom-accessibility)
- Collaborative course tools

COURSE SCHEDULE

Refer to the Carmen course for up-to-date assignment due dates (next page)

Week	Lab Activity (each weekly activity assessed via digital lab report)
1	Virtual insect morphology identification; Digital insect measurements; t-test analysis
2	Light Traps (AU); Forensic Entomology Lab (SP)
3	Pollinator observation (AU)/diapause observation (SP)
4	Insect sound analysis
5	Media project: Collect data and select hypothesis; parse dataset
6	Media project: Parse and analyze data and make conclusions
7	Media project: Poster design and presenting; virtual presentations and reflection on networking
8	Pepper moth evolution project
9	Plague Project/SIR model
10	Building the Best Fly Trap
11	Insect behavior experiment; chi square analysis.
12	Light Traps (AU); Forensic Entomology Lab (SP)
13	Pollinator observation (SP)/diapause observation (AU)
14	Lab final exam online. (December 12, 2024; 4PM)

**These activities involve live insects, the instructor will give you the option to perform on your own, or use recorded material to complete these activities.*