

## **Term Information**

Effective Term Spring 2026

## **General Information**

Course Bulletin Listing/Subject Area Entomology  
Fiscal Unit/Academic Org Entomology - D1130  
College/Academic Group Food, Agric & Environ Science  
Level/Career Undergraduate  
Course Number/Catalog 3600  
Course Title Insect Life in a Changing World  
Transcript Abbreviation InsectChangeWorld  
Course Description This course explores the intricate relationships between insects, humans and the environment they share. Our world is rapidly changing; our climate is warming, storms are becoming more intense and frequent, and cities are expanding to meet our needs. Students will examine how environmental change affects insect diversity, distribution, and behavior, and how these, influence ecosystems and humans  
Semester Credit Hours/Units Fixed: 3

## **Offering Information**

Length Of Course 14 Week  
Flexibly Scheduled Course Never  
Does any section of this course have a distance education component? No  
Grading Basis Letter Grade  
Repeatable No  
Course Components Lecture  
Grade Roster Component Lecture  
Credit Available by Exam No  
Admission Condition Course No  
Off Campus Never  
Campus of Offering Columbus, Lima, Mansfield, Marion, Newark, Wooster

## **Prerequisites and Exclusions**

Prerequisites/Corequisites  
Exclusions  
Electronically Enforced Yes

## **Cross-Listings**

Cross-Listings

## **Subject/CIP Code**

Subject/CIP Code 26.0702  
Subsidy Level Baccalaureate Course  
Intended Rank Sophomore, Junior, Senior

## Requirement/Elective Designation

Lived Environments

The course is an elective (for this or other units) or is a service course for other units

## Course Details

### **Course goals or learning objectives/outcomes**

- Explain the environmental drivers of insect responses (e.g. molecular, physiological, population, genetic) to biotic and abiotic forces
- Recognize the functional roles of insects in populations, communities and ecosystems
- Integrate basic ecological concepts related to insects for their management.
- Explain linkages between insects and human health and wellbeing
- Evaluate and synthesize ecological research to inform management approaches.
- Appreciate how changes to insect communities could impact human populations.
- Translate ecological literature into lay-public accessible communications and recommend actions to manage insects.

### **Content Topic List**

- Introduction to Insect Ecology
- Our connections with the insect world
- Drivers of Insect Loss (Summary of Ecological Ideas and Threats)
- Climate Change and Disruptions to Insect Interactions:
  1. Plant/Herbivore interactions
  2. Types of Mutualism
- Urbanization/ Habitat Loss/ Deforestation:
  1. Insect survivorship and impacts on natural selection
  2. Components of niche space required by insects
- Invasive Species and the Impact on Insect Ecosystems:
  1. Insect predator/ prey Interactions
  2. Insect competition (e.g. invasive species)
- Agricultural intensification and pesticide use:
  1. Insect parasite/ parasitoids/pathogens
  2. Multitrophic interaction/trophic cascades
- Pollution:
  1. Insect behavior mating systems and sexual selection
  2. Insect population dynamics

### **Sought Concurrence**

Yes

## Attachments

- ENT 3600- submission-lived-environments.pdf: Theme Submission  
(Other Supporting Documentation. Owner: Klinger, Ellen G)
- FW\_ Concurrence Requests\_ ENTMLGY 3600, Insect Life in a Changing World \_EEOB.docx: Concurrence EEOB  
(Concurrence. Owner: Klinger, Ellen G)
- Re\_ Concurrence Request\_ ENTMLGY 3600 Insect Life in a Changing World\_ SENR.docx: Concurrence SENR  
(Concurrence. Owner: Klinger, Ellen G)
- RE\_ Concurrence Requests\_ ENTMLGY 3600, Insect Life in a Changing World ASC.docx: Concurrence ASC  
(Concurrence. Owner: Klinger, Ellen G)
- ENTMLGY Insect Ecology Global Change Syllabus- V6.docx: Revised Syllabus  
(Syllabus. Owner: Klinger, Ellen G)

## Comments

- Revised per email 9/5/25; adjusted LO 1 and 4, added Wooster as campus of offering (by Klinger, Ellen G on 09/08/2025 12:45 PM)
- Revise as per COAA via email message 5 September 2025

Revise as per email message 18 June 2025 (by Osborne, Jeanne Marie on 09/05/2025 12:29 PM)

## Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Klinger, Ellen G	06/10/2025 04:45 PM	Submitted for Approval
Approved	Strange, James P	06/10/2025 04:57 PM	Unit Approval
Revision Requested	Osborne, Jeanne Marie	06/20/2025 07:08 AM	College Approval
Submitted	Klinger, Ellen G	08/05/2025 03:04 PM	Submitted for Approval
Approved	Klinger, Ellen G	08/05/2025 03:08 PM	Unit Approval
Revision Requested	Osborne, Jeanne Marie	09/05/2025 12:29 PM	College Approval
Submitted	Klinger, Ellen G	09/08/2025 12:45 PM	Submitted for Approval
Approved	Klinger, Ellen G	09/08/2025 12:45 PM	Unit Approval
Approved	Osborne, Jeanne Marie	09/09/2025 12:51 PM	College Approval
Pending Approval	Jenkins, Mary Ellen Bigler Neff, Jennifer Vankeerbergen, Bernadette Chantal Steele, Rachel Lea	09/09/2025 12:51 PM	ASCCAO Approval



THE OHIO STATE UNIVERSITY

College of Food, Agricultural, and Environmental  
Sciences

Department of Entomology

# SYLLABUS

# ENTMLGY 3600

## Insect Life in a Changing World

SP 2026

3 credit hours

In-Person T & TH 9:35-10:55AM

## Course Overview

## Instructors

**Name:** Dr. Mary Gardiner, PhD

**Email:** gardiner.29@osu.edu

**Office location:** 251 Kottman Hall, (614) 688-0218

**Office hours:** held by appointment

**Name:** Dr. Benjamin Philip, PhD

**Email:** philip.12@osu.edu

**Office location:** 257A Howlett Hall, (614) 688-0218

**Office hours:** held by appointment

### Preferred means of communication:

Our preferred method of communication for questions is **email**.

Class-wide communications will be sent through the Announcements tool in Carmen Canvas. Please check your [notification preferences](https://go.osu.edu/canvas-notifications) (go.osu.edu/ canvas-notifications) to be sure you receive these messages. For announcements that are time sensitive or critical, e-mail may be used as an additional notification route.

## Course Prerequisites

None

## Course Description

This course explores the intricate relationships between insects, humans and the environment they share. Our world is rapidly changing; our climate is warming, storms are becoming more

intense and frequent, and cities are expanding to meet our needs. Students will examine how environmental change affects insect diversity, distribution, and behavior, and how these, in turn, influence ecosystems and human activities. Key topics include the role of insects in ecosystems, the effects of temperature and precipitation changes on insect populations, and the implications of insect population changes on agriculture, disease transmission, and biodiversity.

## General Education Goals and Expected Learning Outcomes (ELO)

This course fulfills the General Education (GE) rationale for the GE Theme: Lived Environment category.

**GE Goal 1:** Inspect Lived Environments at a more advanced and in-depth level than in the Foundations component.

Expected Learning Outcome 1.1: Engage in critical and logical thinking about the topic or idea of lived environments.

Expected Learning Outcome 1.2: Conduct an advanced, in-depth, scholarly exploration of the topic or idea of lived environments.

**GE goal 2:** Integrate approaches to understanding lived environments by making connections to out-of-classroom experiences with academic knowledge or across disciplines and/or to work they have done in previous classes and that they anticipate doing in future.

Expected Learning Outcome 2.1: Identify, describe, and synthesize approaches or experiences as they apply to lived environments.

Expected Learning Outcome 2.2: Demonstrate a developing sense of self as a learner through reflection, self-assessment and creative work, building on prior experiences to respond to new and challenging contexts.

**GE goal 3:** Explore a range of perspectives on the interactions and impacts between humans and one or more types of environment (e.g., agricultural, built, cultural, economic, intellectual, natural) in which humans live.

Expected Learning Outcome 3.1: Engage with the complexity and uncertainty of human-environment interactions.

Expected Learning Outcome 3.2: Describe examples of human interaction with and impact on environmental change and transformation over time and across space.

**GE goal 4:** Analyze a variety of perceptions, representations and/or discourses about environments and humans within them.



Expected Learning Outcome 4.1: Inspect how humans' interactions with their environments shape or have shaped attitudes, beliefs, values and behaviors.

Expected Learning Outcome 4.2: Detail how humans perceive and represent the environments with which they interact.

Expected Learning Outcome 4.3: Analyze and critique conventions, theories and ideologies that influence discourses around environments.

**This course fulfills these General Education Goals and Expected Learning Outcomes through:**

- Lectures, readings and outside source material, which to allow students to receive new information in a variety of modalities.
- Student discussions, their self-assessment of discussion participation and discussion worksheets. Discussions will be based on topics related to readings and module topics.
- Questions on quizzes and exams are designed to assess student progress on learning objectives. Exam 1 and 2 will each be based on two modules and the cumulative final will be focused on big picture ideas from the semester.
- Student infographic project will include producing an infographic on an achievable strategy to mitigate insect decline, habitat degradation or some other ecological issue negatively facing insects.

## Course Specific Learning Outcomes

By the end of this course, students should successfully be able to (with reference to the related General Education Learning Outcomes above):

1. Explain the environmental drivers of insect responses (e.g. molecular, physiological, population, genetic) to biotic and abiotic forces. ELO 1.1, 1.2, 2.1
2. Recognize the functional roles of insects in populations, communities and ecosystems. ELO 1.1, 1.2
3. Apply basic ecological concepts related to insects for their management. ELO 1.2, 2.1
4. Explain linkages between insects and human health and wellbeing. ELO 3.1, 3.2, 4.1, 4.2
5. Evaluate and synthesize ecological research to inform management approaches. ELO 4.3
6. Identify how changes to insect communities could impact human populations. ELO 3.1, 3.2
7. Translate ecological literature into lay-public accessible communications and recommend actions to manage insects. ELO 2.2



# HOW THIS COURSE WORKS

**Mode of delivery:** This course is 100% in-person. Supporting information will be posted on our Carmen page, however, students are expected to attend class.

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

**Attendance and participation requirements:** Your attendance is required for your participation in class discussions.

- **Excused absences:** Legitimate excused absences include: participation in an activity of an official University organization, verifiable illness, verifiable family emergency, subpoena, jury duty, military service, and professional reasons (e.g., attendance at professional society meeting, job interview). Other serious personal problems will be considered on an individual basis. Instructor may require proof of documentation. Contact the instructor as soon as you know you will be absent due to an excused reason or as soon as possible in the case of illness or emergency. Arrangements will be made between the instructor and student individually on how missed assignments or exams will be handled in the case of excused absences.
- **Office hours:** **OPTIONAL**

## COURSE MATERIALS, FEES AND TECHNOLOGIES

### Required Materials and/or Technologies

- Insect Ecology: Behavior, Populations and Communities by Price, Peter W., Denno, Robert F., Eubanks, Micky D., Finke, Deborah L., Kaplan, Ian /ISBN: 9780521542609

### Required Equipment

**Computer:** current Mac (MacOS) or PC (Windows 10) with high-speed internet connection.

**Webcam:** built-in or external webcam, fully installed and tested.

**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 ([go.osu.edu/student-tech-access](http://go.osu.edu/student-tech-access)).



## Required Software

**Microsoft Office 365:** All Ohio State students are 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.

## Carmen Access

You will need to use BuckeyePass ([buckeyepass.osu.edu](https://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 take the following steps:

- Register multiple devices in case something happens to your primary device. Information can be found at [BuckeyePass](https://buckeyepass.osu.edu) (buckeyepass.osu.edu).
- Users will only receive one SMS passcode at a time. Using the “Trust Browser” feature on a user’s first authentication log in of the day will allow the user to bypass the need for another passcode for 24 hours.
- [Install the Duo Mobile application](https://it.osu.edu/learner-technology-handbook/ch3/duo) (https://it.osu.edu/learner-technology-handbook/ch3/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)

## Technology Support

For help with your password, university email, Carmen, or any other technology issues, questions, or requests, contact the Ohio State IT Service Desk. Standard support hours are available at [ocio.osu.edu/help/hours](https://ocio.osu.edu/help/hours), and support for urgent issues is available 24/7.

- **Self-Service and Chat support:** [ocio.osu.edu/help](https://ocio.osu.edu/help)
- **Phone:** 614-688-4357(HELP)
- **Email:** [servicedesk@osu.edu](mailto:servicedesk@osu.edu)
- **TDD:** 614-688-8743





# Grading and Faculty Response

## How Your Grade is Calculated

Assignment Category	Points	Percent of grade
Module Quizzes (3)	100	10%
Discussion Worksheets (5)	100	10%
Discussion participation self-assessment (5)	100	10%
Infographic Project	200	20%
Midterm 1	150	15%
Midterm 2	150	15%
Final Exam	200	20%
<b>Total points</b>	<b>1000</b>	<b>100%</b>

See Carmen and course schedule for specific due dates.

## Descriptions of Major Course Assignments

### Module Quizzes:

**Description:** Students will be assigned quizzes via Carmen. These quizzes will evaluate student understanding of the lecture material, the reading assignments, and the outside sources provided in class/on Carmen.

**Academic integrity and collaboration:** These quizzes are open book/note/internet. However, they will be timed, and this time limit will require that students prepare in advance to take the quiz. Students must not work with other students when taking the quiz.

### Discussion Worksheets

**Description:** As part of modules and in preparation for the class discussions, students will be expected to complete a reading assignment from primary literature or other materials. **The**



**material in this reading assignment will not be delivered in an alternate way (in lectures, etc.) BUT will be tested in module quizzes and class exams.** To emphasize the importance of good note taking for this material, students will be given a sheet of questions to consider for the reading assignments. Students will submit a copy of their notes and answers following each discussion. The worksheets will be graded on completeness and effort.

**Academic integrity and collaboration:** Students may work together in filling out and devising notes. However, the worksheet must be each student's own.

## Discussion Participation Self-Assessment:

**Description:** During the semester, students will be expected to come prepared for the discussions and are expected to interact meaningfully with other students in the class. For evaluation purposes, students will complete a self-assessment (see below, following course schedule) after each class discussion and these will be used to by the instructor to formulate grades for participation. Guidelines for meaningful interaction will be given.

**Academic integrity and collaboration:** When participating in a discussion, students should abide by the parameters established. Students should base the content of their discussion on resources provided by the instructors (e.g. book chapter, scientific articles, online video, etc.), or by using other sources they find during their research.

## Infographic Project

**Description:** Students will work in assigned pairs/small groups to research an environmental problem that can be addressed through localized actions. This project will consist of designing an infographic that is easily understood by the lay-public. The infographic will demonstrate how these actions would enable the public to improve their environment. Additionally, the group will present this information to the class as part of their grade.

**Academic integrity and collaboration:** This group project and its components are to be original work and not duplicated from other sources. Groups will one assignment but students will also complete an individual self-assessment of their contributions to the group submission that will factor into their grade. See Carmen for further instructions.

## Exams (Midterms and Final)

**Description:** Students will be evaluated on their learning using two midterms and a cumulative final exam. These exams will be given on Carmen to be taken outside of lecture and will include portions of multiple choice and short answer questions, as well as long answer questions designed to illustrate the students understanding of the concepts.

**Academic integrity and collaboration:** These exams are closed book/note/internet and students must not work with others.



# 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. Without an excused absence, late assignments will be subject to a 10% grade deduction during the first two hours, with additional 25% deductions accruing for every day (including weekends) it is late. Late submissions must be turned in within 4 days of the due date. Students with excused or unexcused absences that make them unable to participate in the group infographic project will be required to complete the assignment individually. In the case of illness or emergency that impacts submission of a course assignment, contact the instructors as soon as possible to discuss possible accommodations at the discretion of the instructors and with appropriate documentation.

## Instructor Feedback and Response Time

We are providing the following list to give you an idea of our 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 first through our Ohio State email address. We will reply to emails within **24 hours on days when class is in session at the university**.
- **Class announcements:** We 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](https://go.osu.edu/canvas-notifications)) to ensure you receive these messages. We may also send important announcements directly to your email if needed.
- **Grading and feedback:** For assignments submitted before the due date, we will try to provide feedback and grades within **seven 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



# OTHER COURSE POLICIES

## Academic Misconduct/Academic Integrity

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 we suspect that a student has committed academic misconduct in this course, we are 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 us.

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

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

## Generative Artificial Intelligence (GenAI) Statement

In this course, students are welcome to explore innovative tools and technologies, including



generative artificial intelligence (GenAI). GenAI can be a helpful resource for drafting creative content, brainstorming ideas, creating a “reverse outline” from a rough draft, and enhancing productivity. Yet it is essential to approach its use thoughtfully and ethically. Your written assignments must be your own original work. Submission of GenAI-generated content as your own work is considered a violation of Ohio State’s Academic Integrity policy and Code of Student Conduct because the work is not your own. The use of unauthorized GenAI tools will result in referral to the Committee on Academic Misconduct. If I suspect that you have used GenAI inappropriately on an assignment for this course, I will ask you to communicate with me to explain your process for completing the assignment in question.



## 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 Civil Rights Compliance Office:

Online reporting form at <https://civilrights.osu.edu/>

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

Or Email [civilrights@osu.edu](mailto:civilrights@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.

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 <https://cfaes.osu.edu/about/cfaes-principles-community>. 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://civilrights.osu.edu/>.



## Copyright

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.

## Intellectual Diversity

Ohio State is committed to fostering a culture of open inquiry and intellectual diversity within the classroom. This course will cover a range of information and may include discussions or debates about controversial issues, beliefs, or policies. Any such discussions and debates are intended to support understanding of the approved curriculum and relevant course objectives rather than promote any specific point of view. Students will be assessed on principles applicable to the field of study and the content covered in the course. Preparing students for citizenship includes helping them develop critical thinking skills that will allow them to reach their own conclusions regarding complex or controversial matters.

## 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 Civil Rights Compliance Office.

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

## Weather or other 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.

## 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 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](mailto: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.





# 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 a 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](mailto:slds@osu.edu); 614-292-3307; or [slds.osu.edu](http://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 during this period of uncertainty. Do not hesitate to e-mail us ([gardiner.29@osu.edu](mailto:gardiner.29@osu.edu) or [philip.12@osu.edu](mailto:philip.12@osu.edu)) if you have questions or concerns.



## Course Schedule

Week	Day	Module	Topic	Assignments Due
1	T		Class Introduction	
	Th	1	Introduction to Insect Ecology	
2	T	1	Our connections with the insect world	
	Th	1	Drivers of Insect Loss (Summary of Ecological Ideas and Threats)	
3	T	2	<b>Climate Change and Disruptions to Insect Interactions</b>	<b>Quiz #1</b>
	Th	2	1. Plant/Herbivore interactions	
4	T	2	2. Types of Mutualism	
	Th	2	Discussion #1	<b>Worksheet #1</b>
5	T	2	Infographic Project Idea Brainstorming	
	Th	3	<b>Urbanization/ Habitat Loss/ Deforestation</b>	<b>Midterm #1</b>
6	T	3	1. Insect survivorship and impacts on natural selection	
	Th	3	2. Components of niche space required by insects	
7	T	3	Discussion #2	<b>Worksheet #2</b>
	Th	4	<b>Invasive Species and the Impact on Insect Ecosystems</b>	<b>Quiz #2</b>
8	T	4	1. Insect predator/ prey Interactions	
	Th	4	2. Insect competition (e.g. invasive species)	
9	T	4	Discussion #3	<b>Worksheet #3</b>
	Th	5	<b>Agricultural intensification and pesticide use</b>	<b>Midterm #2</b>
10	T	5	1. Insect parasite/ parasitoids/pathogens	
	Th	5	2. Multitrophic interaction/trophic cascades	
11	T	5	Discussion #4	<b>Worksheet #4</b>
	Th	6	<b>Pollution</b>	<b>Quiz #3</b>
12	T	6	1. Insect behavior mating systems and sexual selection	
	Th	6	2. Insect population dynamics	
13	T	6	Discussion #5	<b>Worksheet #5</b>
	Th		Infographic Project Presentation	<b>Infographic Project</b>
14	T		Infographic Project Presentation	
	Th		TBD	

### Rubric to for Self-assessment of Discussion Participation and Performance

<b>Component</b>	<b>Advanced</b>	<b>Competent</b>	<b>Inadequate</b>	<b>Unacceptable</b>
<i>Conduct</i>	Student shows respect for members of the class, both in speech and manner, and for the method of shared inquiry and peer discussion. Does not dominate discussion. Student challenges ideas respectfully, encourages and supports others to do the same.	Student shows respect for members of the class and for the method of shared inquiry and peer discussion. Participates regularly in the discussion but occasionally dominates the conversation or has difficulty accepting challenges to his/her ideas.	Student struggles showing respect for the class or the process as evidenced by speech and manner. Sometimes resorts to personal attacks when in disagreement with others.	Student shows a lack of respect for members of the group and the discussion process. Often dominates the discussion or disengages from the process. When contributing, can be argumentative or dismissive of others' ideas, or resorts to personal attacks.
<i>Ownership/Leadership</i>	Takes responsibility for maintaining the flow and quality of the discussion whenever needed. Helps to redirect or refocus discussion when it becomes sidetracked or unproductive. Makes efforts to engage reluctant participants. Provides constructive feedback and support to others.	Will take on responsibility for maintaining flow and quality of discussion, and encouraging others to participate but either is not always effective or is effective but does not regularly take on the responsibility.	Rarely takes an active role in maintaining the flow or direction of the discussion. When put in a leadership role, often acts as a guard rather than a facilitator: constrains or biases the content and flow of the discussion.	Does not play an active role in maintaining the flow of discussion or undermines the efforts of others who are trying to facilitate discussion.
<i>Reasoning</i>	Arguments or positions are reasonable and supported with evidence from the readings. Often deepens the conversation by going beyond the text, recognizing implications and extensions of the text. Provides analysis of complex ideas that help deepen the inquiry and further the conversation.	Arguments or positions are reasonable and mostly supported by evidence from the readings. In general, the comments and ideas contribute to the group's understanding of the material and concepts.	Contributions to the discussion are more often based on opinion or unclear views than on reasoned arguments or positions based on the readings. Comments or questions suggest a difficulty in following complex lines of argument or student's arguments are convoluted and difficult to follow.	Comments are frequently so illogical or without substantiation that others are unable to critique or even follow them. Rather than critique the text the student may resort to ad hominem attacks on the author instead.

<i>Listening</i>	Always actively attends to what others say as evidenced by regularly building on, clarifying, or responding to their comments. Often reminds group of comments made by someone earlier that are pertinent.	Usually listens well and takes steps to check comprehension by asking clarifying and probing questions, and making connections to earlier comments. Responds to ideas and questions offered by other participants.	Does not regularly listen well as indicated by the repetition of comments or questions presented earlier.	Behavior frequently reflects a failure to listen or attend to the discussion as indicated by repetition of comments and questions, off-task activities.
<i>Reading</i>	Student has carefully read and understood the readings as evidenced by oral contributions; familiarity with main ideas, supporting evidence and secondary points. Comes to class prepared with questions and critiques of the readings.	Student has read and understood the readings as evidenced by oral contributions. The work demonstrates a grasp of the main ideas and evidence but sometimes interpretations are questionable. Comes prepared with questions.	Student has read the material, but comments often indicate that he/she didn't read or think carefully about it, or misunderstood or forgot many points. Class conduct suggests inconsistent commitment to preparation.	Student either is unable to adequately understand and interpret the material or has come to class unprepared, as indicated by serious errors or an inability to answer basic questions or contribute to discussion.

Adapted from Relearning by Design, Inc., 2000

#### Reading List:

##### Required:

- Insect Ecology: Behavior, Populations and Communities by Price, Peter W., Denno, Robert F., Eubanks, Micky D., Finke, Deborah L., Kaplan, Ian ISBN: 9780521542609

Additional readings are posted on the course's Carmen Modules, including:

- Hallmann, C. A., Sorg, M., Jongejans, E., Siepel, H., Hofland, N., et al. (2017). More than 75 percent decline over 27 years in total flying insect biomass in protected areas. PLOS ONE, 12(10), e0185809. <https://doi.org/10.1371/journal.pone.0185809>
- Halsch, C. A., Elphick, C. S., Bahlai, C. A., Forister, M. L., Wagner, D. L., Ware, J. L., & Grames, E. M. (2025). Meta-synthesis reveals interconnections among apparent drivers of insect biodiversity loss. BioScience. Advance online publication. <https://doi.org/10.1093/biosci/biaf034>
- Sánchez-Bayo, F., & Wyckhuys, K. A. G. (2019). Worldwide decline of the entomofauna: A review of its drivers. Biological Conservation, 232, 8. <https://rave.ohiolink.edu/ejournals/article/358197805>
- Skendžić, S., Zovko, M., Živković, I. P., Lešić, V., & Lemić, D. (2021). The impact of climate change on agricultural insect pests. Insects, 12(5), 440. <https://doi.org/10.3390/insects12050440>
- Tudi, M., Ruan, H. D., Wang, L., Lyu, J., Sadler, R., Connell, D., Chu, C., & Phung, D. T. (2021). Agriculture development, pesticide application and its impact on the environment. International Journal of Environmental Research and Public Health, 18(3), 1112. <https://doi.org/10.3390/ijerph18031112>

# GE Theme course submission worksheet: Lived Environments

## Overview

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Courses in the GE Themes aim to provide students with opportunities to explore big picture ideas and problems within the specific practice and expertise of a discipline or department. Although many Theme courses serve within disciplinary majors or minors, by requesting inclusion in the General Education, programs are committing to the incorporation of the goals of the focal theme and the success and participation of students from outside of their program.

Each category of the GE has specific learning goals and Expected Learning Outcomes (ELOs) that connect to the big picture goals of the program. ELOs describe the knowledge or skills students should have by the end of the course. Courses in the GE Themes must meet the ELOs common for **all** GE Themes and those specific to the Theme, in addition to any ELOs the instructor has developed specific to that course. All courses in the GE must indicate that they are part of the GE and include the Goals and ELOs of their GE category on their syllabus.

The prompts in this form elicit information about how this course meets the expectations of the GE Themes. The form will be reviewed by a group of content experts (the Theme Advisory) and by a group of curriculum experts (the Theme Panel), with the latter having responsibility for the ELOs and Goals common to all themes (those things that make a course appropriate for the GE Themes) and the former having responsibility for the ELOs and Goals specific to the topic of **this** Theme.

Briefly describe how this course connects to or exemplifies the concept of this Theme (Lived Environments)

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In a sentence or two, explain how this class “fits” within the focal Theme. This will help reviewers understand the intended frame of reference for the course-specific activities described below.

*(enter text here)*

## Connect this course to the Goals and ELOs shared by *all* Themes

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Below are the Goals and ELOs common to all Themes. In the accompanying table, for each ELO, describe the activities (discussions, readings, lectures, assignments) that provide opportunities for students to achieve those outcomes. The answer should be concise and use language accessible to colleagues outside of the submitting department or discipline. The specifics of the activities matter—listing “readings” without a reference to the topic of those readings will not allow the reviewers to understand how the ELO will be met. However, the panel evaluating the fit of the course to the Theme will review this form in conjunction with the syllabus, so if readings, lecture/discussion topics, or other specifics are provided on the syllabus, it is not necessary to reiterate them within this form. The ELOs are expected to vary in their “coverage” in terms of number of activities or emphasis within the course. Examples from successful courses are shared on the next page.

**Goal 1:** Successful students will analyze an important topic or idea at a more advanced and in-depth level than the foundations. In this context, “advanced” refers to courses that are e.g., synthetic, rely on research or cutting-edge findings, or deeply engage with the subject matter, among other possibilities.

**Goal 2:** Successful students will integrate approaches to the theme by making connections to out-of-classroom experiences with academic knowledge or across disciplines and/or to work they have done in previous classes and that they anticipate doing in future.

	Course activities and assignments to meet these ELOs
<b>ELO 1.1</b> Engage in critical and logical thinking.	
<b>ELO 1.2</b> Engage in an advanced, in-depth, scholarly exploration of the topic or ideas within this theme.	
<b>ELO 2.1</b> Identify, describe, and synthesize approaches or experiences.	
<b>ELO 2.2</b> Demonstrate a developing sense of self as a learner through reflection, self-assessment, and creative work, building on prior experiences to respond to new and challenging contexts.	

*Example responses for proposals within “Citizenship” (from Sociology 3200, Comm 2850, French 2803):*

<b>ELO 1.1</b> Engage in critical and logical thinking.	<i>This course will build skills needed to engage in critical and logical thinking about immigration and immigration related policy through: Weekly reading response papers which require the students to synthesize and critically evaluate cutting-edge scholarship on immigration; Engagement in class-based discussion and debates on immigration-related topics using evidence-based logical reasoning to evaluate policy positions; Completion of an assignment which build skills in analyzing empirical data on immigration (Assignment #1)</i>
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	<p>Completion 3 assignments which build skills in connecting individual experiences with broader population-based patterns (Assignments #1, #2, #3)</p> <p>Completion of 3 quizzes in which students demonstrate comprehension of the course readings and materials.</p>
<p><b>ELO 2.1</b> Identify, describe, and synthesize approaches or experiences.</p>	<p>Students engage in advanced exploration of each module topic through a combination of lectures, readings, and discussions.</p> <p><u>Lecture</u> Course materials come from a variety of sources to help students engage in the relationship between media and citizenship at an advanced level. Each of the 12 modules has 3-4 lectures that contain information from both peer-reviewed and popular sources. Additionally, each module has at least one guest lecture from an expert in that topic to increase students' access to people with expertise in a variety of areas.</p> <p><u>Reading</u> The textbook for this course provides background information on each topic and corresponds to the lectures. Students also take some control over their own learning by choosing at least one peer-reviewed article and at least one newspaper article from outside the class materials to read and include in their weekly discussion posts.</p> <p><u>Discussions</u> Students do weekly discussions and are given flexibility in their topic choices in order to allow them to take some control over their education. They are also asked to provide information from sources they've found outside the lecture materials. In this way, they are able to explore areas of particular interest to them and practice the skills they will need to gather information about current events, analyze this information, and communicate it with others.</p> <p>Activity Example: Civility impacts citizenship behaviors in many ways. Students are asked to choose a TED talk from a provided list (or choose another speech of their interest) and summarize and evaluate what it says about the relationship between civility and citizenship. Examples of Ted Talks on the list include Steven Petrow on the difference between being polite and being civil, Chimamanda Ngozi Adichie's talk on how a single story can perpetuate stereotypes, and Claire Wardle's talk on how diversity can enhance citizenship.</p>
<p><b>ELO 2.2</b> Demonstrate a developing sense of self as a learner through reflection, self-assessment, and creative work, building on prior experiences to respond to new and challenging contexts.</p>	<p>Students will conduct research on a specific event or site in Paris not already discussed in depth in class. Students will submit a 300-word abstract of their topic and a bibliography of at least five reputable academic and mainstream sources. At the end of the semester they will submit a 5-page research paper and present their findings in a 10-minute oral and visual presentation in a small-group setting in Zoom.</p> <p>Some examples of events and sites: The Paris Commune, an 1871 socialist uprising violently squelched by conservative forces</p>

	<i>Jazz-Age Montmartre, where a small community of African-Americans—including actress and singer Josephine Baker, who was just inducted into the French Pantheon—settled and worked after World War I.</i> <i>The Vélodrome d’hiver Roundup, 16-17 July 1942, when 13,000 Jews were rounded up by Paris police before being sent to concentration camps</i> <i>The Marais, a vibrant Paris neighborhood inhabited over the centuries by aristocrats, then Jews, then the LGBTQ+ community, among other groups.</i>
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## Goals and ELOs unique to Lived Environments

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Below are the Goals and ELOs specific to this Theme. As above, in the accompanying Table, for each ELO, describe the activities (discussions, readings, lectures, assignments) that provide opportunities for students to achieve those outcomes. The answer should be concise and use language accessible to colleagues outside of the submitting department or discipline. The ELOs are expected to vary in their “coverage” in terms of number of activities or emphasis within the course. Examples from successful courses are shared on the next page.

**GOAL 3:** Successful students will explore a range of perspectives on the interactions and impacts between humans and one or more types of environment (e.g. agricultural, built, cultural, economic, intellectual, natural) in which humans live.

**GOAL 4:** Successful students will analyze a variety of perceptions, representations and/or discourses about environments and humans within them.

	Course activities and assignments to meet these ELOs
<b>ELO 3.1</b> Engage with the complexity and uncertainty of human-environment interactions.	
<b>ELO 3.2</b> Describe examples of human interaction with and impact on environmental change and transformation over time and across space.	
<b>ELO 4.1</b> Analyze how humans’ interactions with their environments shape or have shaped attitudes, beliefs, values and behaviors.	
<b>ELO 4.2</b> Describe how humans perceive and represent the environments with which they interact.	
<b>ELO 4.3</b> Analyze and critique conventions, theories, and ideologies that influence discourses around environments.	



**From:** [Vankeerbergen, Bernadette](#)  
**To:** [Osborne, Jeanne](#); [Martin, Andrew](#)  
**Cc:** [Klinger, Ellen](#)  
**Subject:** RE: Concurrence Requests: ENTMLGY 3600, Insect Life in a Changing World  
**Date:** Friday, August 1, 2025 9:17:30 AM  
**Attachments:** [image002.png](#)  
[image003.png](#)

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Dear Jeanne,

Yes, please go ahead and assume concurrence from ASC, including Geography. We did not hear back from them before the deadline.

All the best,  
Bernadette



**Bernadette Vankeerbergen, Ph.D.**

Assistant Dean, Curriculum

**College of Arts and Sciences**

114F University Hall, 230 North Oval Mall.

Columbus, OH 43210

Phone: 614-688-5679

<http://ascas.osu.edu>

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**From:** Osborne, Jeanne <osborne.2@osu.edu>  
**Sent:** Friday, August 1, 2025 9:15 AM  
**To:** Martin, Andrew <martin.1026@osu.edu>; Vankeerbergen, Bernadette <vankeerbergen.1@osu.edu>  
**Cc:** Klinger, Ellen <klinger.80@osu.edu>  
**Subject:** RE: Concurrence Requests: ENTMLGY 3600, Insect Life in a Changing World

Dear Dr. Martin and Dr. Vankeerbergen,

I apologize for not sending a reminder prior to the requested deadline – we have been occupied with the State Fair activities, and I am just now resurfacing my outstanding requests.

We heard back from Dr. Freudenstein in EEOB with concurrence for this course, but I am not finding any other responses. At this point, we are assuming that there is concurrence from the College of Arts and Sciences, including Geography (which was specifically messaged for feedback), unless I have missed a response.

I look forward to hearing back, and thank you!

Jeanne



THE OHIO STATE UNIVERSITY

*Jeanne M. Osborne*

Assistant Dean for Academic Affairs  
College of Food, Agricultural, and Environmental Sciences  
100E Agricultural Administration, 2120 Fyffe Rd.  
Columbus, OH 43210  
Tel: 614-292-1734  
Fax: 614-292-1218  
e-mail: [Osborne.2@osu.edu](mailto:Osborne.2@osu.edu)

*'Unexpected kindness is the most powerful, least costly, and most underrated agent of human change' (Bob Kerrey)*

---

**From:** Osborne, Jeanne  
**Sent:** Monday, July 7, 2025 1:53 PM  
**To:** Martin, Andrew <[martin.1026@osu.edu](mailto:martin.1026@osu.edu)>; Vankeerbergen, Bernadette <[vankeerbergen.1@osu.edu](mailto:vankeerbergen.1@osu.edu)>  
**Cc:** Klinger, Ellen <[klinger.80@osu.edu](mailto:klinger.80@osu.edu)>  
**Subject:** Concurrence Requests: ENTMLGY 3600, Insect Life in a Changing World

Dear Dr. Martin and Dr. Vankeerbergen,

I hope that your summer is going well so far – Autumn semester is just on the horizon!

The Department of Entomology in the College of Food, Agricultural, and Environmental Sciences is proposing a new course for the GE Theme Lived Environments, ENTMLGY 3600, Insect Life in a Changing World. This course focuses on the insect/human/environment interface and provides students the opportunity to consider how changes in our world impact these interactions. I would appreciate it if you would forward the attached course syllabi to the appropriate units within your college. We would appreciate feedback by Friday, July 25, 2025.

Please let me know if you have any questions or need additional information.

Take care,

Jeanne



THE OHIO STATE UNIVERSITY

*Jeanne M. Osborne* | *Pronouns: She, Her, Hers*

Assistant Dean for Academic Affairs

College of Food, Agricultural, and Environmental Sciences

100E Agricultural Administration, 2120 Fyffe Rd.

Columbus, OH 43210

Tel: 614-292-1734

Fax: 614-292-1218

e-mail: [Osborne.2@osu.edu](mailto:Osborne.2@osu.edu)

*'Unexpected kindness is the most powerful, least costly, and most underrated agent of human change' (Bob Kerrey)*

**From:** [Osborne, Jeanne](#)  
**To:** [Klinger, Ellen](#)  
**Subject:** FW: Concurrence Requests: ENTMLGY 3600, Insect Life in a Changing World  
**Date:** Tuesday, July 15, 2025 4:39:28 PM  
**Attachments:** [image002.png](#)

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First concurrence response out of EEOB.

Take care,

Jeanne

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**From:** Freudenstein, John <freudenstein.1@osu.edu>  
**Sent:** Tuesday, July 15, 2025 4:36 PM  
**To:** Osborne, Jeanne <osborne.2@osu.edu>  
**Cc:** Vankeerbergen, Bernadette <vankeerbergen.1@osu.edu>  
**Subject:** RE: Concurrence Requests: ENTMLGY 3600, Insect Life in a Changing World

Dear Jeanne:

I have reviewed the course information for your proposed course Entomology 3600 "Insect Life in a Changing World.". I see no conflicts with anything being taught in EEOB and can imagine our students benefiting from this offering, so you have the concurrence of EEOB.

With best wishes,

John Freudenstein



**John V. Freudenstein, PhD**  
Professor  
Vice Chair for Undergraduate Studies  
Director of the Herbarium (OS)  
**Dept. of Evolution, Ecology and Organismal Biology**  
1315 Kinnear Road  
Columbus, OH 43212  
614-688-0363  
[freudenstein.1@osu.edu](mailto:freudenstein.1@osu.edu) eeob.osu.edu

**From:** [Pintor, Lauren](#)  
**To:** [Klinger, Ellen](#); [Haab, Timothy](#)  
**Cc:** [Osborne, Jeanne](#)  
**Subject:** Re: Concurrence Request: ENTMLGY 3600 Insect Life in a Changing World  
**Date:** Monday, July 7, 2025 2:59:09 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)

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Hi Ellen,

Got some quick replies & SENR is happy to offer concurrence for the course! Good luck!

Best,  
Lauren

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**Lauren M. Pintor** (she, her)  
Associate Professor of Aquatic Ecology  
Associate Director of Undergraduate Education  
**School of Environment & Natural Resources**  
210 Kottman Hall, Columbus, OH 43210  
Email: [pintor.6@osu.edu](mailto:pintor.6@osu.edu)

---

**From:** Klinger, Ellen <[klinger.80@osu.edu](mailto:klinger.80@osu.edu)>  
**Date:** Monday, July 7, 2025 at 2:04 PM  
**To:** Pintor, Lauren <[pintor.6@osu.edu](mailto:pintor.6@osu.edu)>, Haab, Timothy <[haab.1@osu.edu](mailto:haab.1@osu.edu)>  
**Cc:** Osborne, Jeanne <[osborne.2@osu.edu](mailto:osborne.2@osu.edu)>  
**Subject:** Concurrence Request: ENTMLGY 3600 Insect Life in a Changing World

Tim and Lauren,  
ENTMLGY is hoping to get a new course approved, ENTMLGY 3600, Insect Life in a Changing World. This course will also hopefully be approved as a new course for the GE Theme Lived Environments as well. This course focuses on insect ecology, and especially how humans impact insects in our current world.  
I am looking to seek concurrence from SENR to move forward with this course. If you can pass along to relevant faculty for their feedback, I would be appreciative.  
We are looking for the feedback by **Friday July 25<sup>th</sup>** .  
Let me know if there are further questions or if you need more information or more time to evaluate the course for concurrence (given Tim's current remote location!).  
Thanks!

Ellen



**Ellen Klinger, PhD**

Professional Practice Associate Professor of Entomology

College of Food, Agricultural, and Environmental Sciences Department of Entomology

255 Kottman Hall, 2021 Coffey Road, Columbus, OH , OH 43210-1043

614-247-4763 Office

[klinger.80@osu.edu](mailto:klinger.80@osu.edu) / [osu.edu](https://osu.edu)

Pronouns: she/her/hers



[Book time to meet with me](#)