

**Welcome to ENY3005 – Principles of Entomology
Fall 2019**



Professor:

Silvana V. de Paula-Moraes

Offices:

West Florida Research and Education Center/UF/IFAS

Room 11, 4253 Experiment Dr., Hwy 182, Jay, FL

and

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Course TA: Tyler Shaw - tshaw@ufl.edu (always copy the email to Dr. Paula-Moraes).

Office hours: Immediately after class and at other times by appointment.

Time and Locations:

Monday, 4:00 – 7:00 PM

Fall 2019 Semester: August 26th, 2019 to December 9th, 2019

West Florida Research Education Center Milton Campus, Room 4814 and West Florida REC Jay, FL.

The location of each class will be scheduled in advance.

Course goal

Understand the taxonomy, physiology, ecology, behavior and economic importance of insects.

Learning objectives

- Recognize and describe the insect taxonomy, life cycle and seasonal cycles and adaptations;
- Recognize and describe the ecological roles and economic importance of the major insect orders in different ecosystems (natural and cultivated);

-Read scientific literature in applied entomology, summarize, and present an oral presentation (10-minute seminar format).

Textbook

Borror and DeLong's Introduction to the Study of Insects, Triplehorn & Johnson, Seventh edition. Available at: https://www.abebooks.com/Borror-DeLongs-Introduction-Study-Insects-Johnson/22802086767/bd?cm_mmc=gmc-_-used-_-PLA-_-v01

Optional readings

Concepts and Applications – Ecology of Insects, Speight, Hunter and Watt, Second edition.

Daly and Doyen's Introduction to Insect Biology and Diversity, Whitfield & Purcell, Third edition.

Other materials

Complementary material and other references will be provided during the semester.

Grading

Grading will follow University standards and a full explanation of UF grading policies can be found at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

The grading will be based on the following scale:

A	92-100
A-	90-91
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	0-59

The student grades will be based on the following activities:

Activity	Points
6 quizzes (3 points each) - quizzes will be given during the semester, at the beginning of the classes . The quiz will be short questions related with the topic of the classes. If you keep up with the readings, you will be prepared to answer these quizzes very well.	18
Paper Summary and Discussion - Each student will be provided with a scientific paper and will write a paper summary with 500 words and prepare a 10-minute scientific presentation about a section of the paper. The paper will be provided in class on August 26 th . The deadline for submission of the summary is September 30th, 2019, 11:59 pm EST , including the main points to be presented and discussed during the presentation of the student. The paper summary should be done individually, not as a group. The text of the summary must be single-spaced with font Times New Roman size 12. Use 1" margins on all sides and no space between paragraphs. Do not use contractions (e.g., aren't, it's, wasn't). Each student will then be given until October 28th to present their summary as a 10-minute PowerPoint presentation (see rubric for grading details in page 6). The presentation will be discussed, and peer evaluated by the students, TA, and instructor. Attendance is mandatory at all class periods; every student should read the assigned scientific papers critically and come prepared to discuss them. You will use this review for a class discussion, so be prepared.	10 (2 for summary and 8 for presentation)
3 semester exams (24 points each)	72
Total points available	100

Student responsibilities

- Attendance: is mandatory and students are expected to attend each class session, which will include lectures, student oral presentations, and discussion sessions, at West Florida Research Education Center Milton Campus, Room 4814 and at West Florida REC Jay, FL. Additional information about class attendance at UF can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>
- Preparation: students are expected to keep up with the readings and review the major concepts of each class topic and take responsibility in the learning process.
- Exams: In the case the student are no able to take an exam there will not be make-up available unless you have a valid physician's note indicating reasons for the absence. More information can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Class Schedule Fall 2019

Tentative course schedule and activities checklist for ENY 3005 and ENY3005L will be provided.

Course evaluation

Online Course Evaluation Process Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students will have the opportunity to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at GatorRator. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. It is expected that the students will contribute with feedback for this course and the others in which they are enrolled this term. Summary results of these assessments are available to students at GatorRator.

Online Resources:

An e-learning site for this course is available through CANVAS. This provides a format to share documents and discussions with your classmates. This syllabus and general announcements from the instructors to students will also be posted. IT IS YOUR RESPONSIBILITY TO CHECK CANVAS AND USE THIS RESOURCE TO STAY UP-TO-DATE WITH SCHEDULES AND CLASSWORK. The CANVAS app is free.

Software Use

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

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general wellbeing are encouraged to utilize the university's counseling resources. The UF Counseling and Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance. The Center is located at 3190 Radio Road.

- Career Resource Center, CR-100 JWRU, 392-1601,
- Student Health Care Center, 392-1161, www.crc.ufl.edu/
- University Counseling & Wellness Center, 352-392-1575, <http://shcc.ufl.edu/http://www.counseling.ufl.edu/cwc/>

Students with Disabilities

Services for Students with Disabilities: The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating

faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. 0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

Academic Honesty

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

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

For more information regarding the Student Honor Code, please see:

<http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>. Copying, screen printing, photographing, or viewing another student's exam materials is a violation of the UF Honor Code.

Plagiarism in this class will not be tolerated. For more information about plagiarism, please see http://www.uflib.ufl.edu/msl/subjects/images/plagiarism_26_guidelines.pdf . You may also wish to read <http://nursing.ufl.edu/?s=plagiarism> . All work submitted must be in your own words and proper citations must be given for sources of ideas.

All graded coursework must be completed independently. Sharing of exam or quiz information will be considered academic dishonesty and a failing grade will be assigned. All students, those giving and receiving information will be referred to the Dean of Students for Academic Dishonesty.

Student Complaints

The University of Florida believes strongly in the ability of students to express concerns regarding their experiences at the University. The University encourages its students who wish to file a written complaint to submit that complaint directly to the department that manages that policy.

Residential Course: https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf

Online Course: <http://www.distance.ufl.edu/student-complaint-process>

Evaluation of Oral Presentations in Insect Resistance Management to Insecticides

Student name _____

Title _____

Presentation components	Grade 1.....10 poor.... excellent	Comments
Content (40%) - interesting subject matter; significance well established; informative introduction; well-developed body of the presentation; strong ending and conclusions; 35-40 minutes		
Organization (20%) - no redundancy; logical and smooth transitions and flow		

<p>Delivery (20%) - good eye contact; relaxed manner; appropriate pace of speech and use of pauses; effective use of pointer</p>		
<p>Visual aids (10%) - visually-pleasing slides (helpful, not distracting); good use of photos or diagrams as appropriate; well organized slide layout; font adequate size; well proofed</p>		
<p>Handling questions (10%) – repeat question; polite, concise and friendly response; seemingly at ease</p>		