

**Welcome to ENY3005 – Principles of Entomology
Fall 2017**

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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Office hours: 10:30 to 11:30am Monday at room 4926, Bldg. 4900,
5988 Hwy., Milton, FL., and by appointment.

Course TA: Latisa Ledbetter-Kish, lelkish@ufl.edu (copy Dr. Paula-Moraes). Her office hours will be announced in class.



Time and Locations:

Monday, 4:00 – 7:00 PM

Fall Semester: August 21, 2017 to December 11, 2017

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 insects orders in different ecosystems (natural and cultivated);
- Analyze, criticize and summarize in an oral presentation (seminar format) a scientific topic in entomology.

Textbook

Daly and Doyen's Introduction to Insect Biology and Diversity, Whitfield & Purcell, Third edition. Available at https://www.amazon.com/s/ref=nb_sb_noss?url=search-alias%3Daps&field-keywords=Doyens+introduction+insect+biology

Optional readings

Borror and DeLong's Introduction to the Study of Insects, Triplehorn & Johnson, Seventh edition.

Concepts and Applications – Ecology of Insects, Speight, Hunter and Watt, Second 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	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D	60-69
E	<60

The student grades will be based on the following activities:

Activity	Points
5 pop quizzes - surprise quizzes will be randomly given during the semester, at the end of the classes. The surprise quiz will be short questions related with the topic of the class. If you attend and pay attention on the classes and keep up with the readings, you will be prepared to answer these quizzes very well.	15
2 semester exams (30 points each)	60
30-minute oral presentation of a scientific topic in entomology –The purpose of this activity is to give students opportunity to critically read scientific chapters and journal articles and practice in preparing and presenting an oral presentation ¹ on a scientific topic related with entomology. The oral presentation must be following a seminar format and the topic of interest will be chosen from a list provided by the professor.	25
Total points available	100

¹The oral power point presentation of a scientific topic in entomology will be evaluated based on the following presentation components:

Content (40%) - interesting subject matter; significance well established; informative introduction; well developed body of the presentation; strong ending and conclusions; citation of the information source; 30-minute time presentation.
Organization (20%) - no redundancy; logical and smooth transitions and flow
Delivery (20%) - good eye contact; relaxed manner; appropriate pace of speech and use of pauses; effective use of pointer
Visual aids (10%) - visually-pleasing power point slides (helpful, not distracting); good use of photos or diagrams as appropriate; well organized slide layout; font adequate size; well proofed
Handling questions (10%) – repeat question; polite, concise and friendly response; seemingly at ease

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 2018

This is a tentative lecture schedule

Week	Class topic	Reading
1 – August 21, 2017	Course overview Introduction: What entomology is? Insect abundance and diversity	Chapters 1, 8 and complementary material
2 – August 28, 2017	Collecting, mounting and preserving insects	Chapter 47 Complementary material
3 – September 11, 2017	External and internal morphology	Complementary material

4 – September 18, 2017	External and internal morphology	Chapter 2 and complementary material
5 – September 25, 2017	Insect life cycle	Part 1 and 2, and complementary material
6 – October 2, 2017	Exam 1	-
7 – October 9, 2017	Insect ecology	Part 1 and 2, and complementary material
8 – October 16, 2017	Insect behavior	Part 1 and 2, and complementary material
9 – October 23, 2017	Oral presentation 1	Complementary material
10 – October 30, 2017	Oral presentation 2	Complementary material
11 – November 6, 2017	Oral presentation 3	Complementary material
12 – November 13, 2017	Oral presentation 4	Complementary material
13 – November 20, 2017	Insect collection discussion	Chapter 47 and complementary material
14 – November 27, 2017	Pest management theory	Chapter 13 and complementary material
15 – December 4, 2017	Medical and veterinary entomology	Chapter 12 and complementary material
16 – December 11, 2017	Exam 2	

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.

On-line 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 students 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>