

# WELCOME TO ENY 3005/5006

## PRINCIPLES OF ENTOMOLOGY and GRADUATE SURVEY OF ENTOMOLOGY Online Course Fall 2009



**Instructor:** Dr. Rebecca Baldwin

Office: 3212, ENY building

970 Natural Area Drive Box 110620

Gainesville, FL 32611

Phone: 352-273-3974

E-mail: [baldwinr@ufl.edu](mailto:baldwinr@ufl.edu)

ELearning: <https://lss.at.ufl.edu/>

Class Information:

<http://entomology.ifas.ufl.edu/baldwin/webbugs/>

Please come by for a visit!

Office Hours:

M -9:30-11:00 (in person, by email, or phone)

W- 9:30-11:00 (in person, by email, or phone)

Other times are available by appointment.

I would appreciate a call or e-mail to set up an appointment.

### REQUIRED TEXTBOOK

#### **The Insects: An Outline of Entomology 3<sup>rd</sup> Edition**

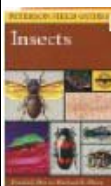
P.J. Gullan and P.S. Cranston

ISBN#1-4051-1113-5, Blackwell Publishing



This is the text that will be used in the web lecture. Lecture exams will include questions from the readings assigned in this text. *Note: If you purchase an older edition, you will be responsible for locating the appropriate readings.*

**OPTIONAL** (These are good reference books and can really help you out in lab.)



#### **A Field Guide to the Insects of North America North of Mexico**

Peterson Field Guide Series, Borror and White.

Big bug bang for the buck. This is a super little field guide that you may use in the laboratory and will refer to often in the years to come.



#### **Photographic Atlas of Entomology and Guide to Insect Identification**

J. L. Castner

This is a great reference book. The book contains beautiful color photographs that will greatly aid in the identification of common insects.

### WHAT YOU WILL LEARN

By the end of this course you should be able to pick up a common insect (a feat in itself for some people) and tell your friends what kind it is, how it moves, how it eats and digests its food, why it looks the way it does, where it usually lives, whether it is harmful to people or animals, how it's controlled if it is a pest, and how it and other insects impact our lives. Pretty cool for a bug class



**Note: The course outline for the lecture does not begin until week TWO of the semester because of the drop/add schedule for distance students.**

# ENY 3005/5006 COURSE OUTLINE

\*date indicates the week of for all except exams, assignments, and reviews

Week	*Date* week of	Web Lecture/Activity			Textbook readings (Gullan and Cranston)
		Color Code			
		Assignments	Exam date	Readings	
1	8/24	<b>Class Registration Drop/Add -Purchase textbook</b>			
2	8/31	<b>Unit 1</b> - Arthropod Classification <b>Unit 2</b> - Insect Evolution and Classification <span style="color: green;">(Assignment - Wing Evolution)</span>			pg.4-15, 440-443 pg.66-68, 142-144, 202-212
3	9/7	<b>Unit 3</b> - Insect Orders			pg. 2-3, 178-199, 230-236, 252-259, 289-297, 325-326, 348-351, 389-392, 499-505
4	9/14	<b>Unit 4</b> - Integument, Development and Reproduction <span style="color: green;">(Assignment - JH Mimics)</span>			pg. 22-24, 142, 153-156, 81-84
5	9/21	<b>Unit 5</b> - Maintenance and Movement			pg. 61-81, 94-96
	9/24	<span style="color: green;">Graduate Students - Paper Topic Due!</span> <span style="color: green;">Journal Assignments due – 5:00 PM EST Th</span> <span style="color: red;">EXAM REVIEW Online -Thursday 8:00 – 9:00PM EST</span>			
	9/25	<b>EXAM I Units1-5 ENY 1031 for GNV students</b>			
6	9/28	<b>Unit 6</b> - Reception & Integration			pg. 56-61, 96-109
7	10/5	<b>Unit 7</b> - Getting Together <b>Unit 8</b> - Social Relationships <span style="color: green;">(Assignment - Social Insects)</span>			pg.114-122, 356-373  pg.300-326
8	10/12	<b>Unit 9</b> - Adaptations to Habitats			pg. 216-233, 240-251, 260
9	10/19	<b>Unit 10</b> - Plant – Insect Interactions			pg. 264-288, 294
	10/22	<span style="color: green;">Journal Assignments due – 5:00 PM EST Th</span>			
	10/23	<b>EXAM II –Units 6- 10 ENY 1031 for GNV students</b>			
10	10/26	<b>Unit 11</b> - Parasites <span style="color: green;">(Assignment - Endo-Ectoparasite)</span>			pg. 328-348
11	11/2	<b>Unit 12</b> - Insect Pest Management			pg. 396-404
12	11/9	<b>Unit 13</b> - Insecticides			pg. 404-407
13	11/23	<b>Unit 14</b> - Biological Control <span style="color: green;">(Assignment - Bio-Control)</span>			pg. 407-423
14	11/30	<b>Unit 15</b> - Medical Entomology			pg. 376-392
	11/30 12/3	<span style="color: green;">ENY 5006 Literature Reviews Due– 5:00 PM EST M</span> <span style="color: green;">Journal Assignments due – 5:00 PM EST</span>			
15	12/4- 12/5	<b>Online Final Exam</b> - 150 points comprehensive The exam will be available <b>online</b> from 8:00 AM Friday until midnight Saturday.			

## DESCRIPTION OF ASSIGNMENTS AND EXAMS

### Getting Started

#### E-mail/Gatorlink Account

You will be required to get a free Gatorlink computer account through the university in order to access your e-mail and ELearning account. Instructions for getting a Gatorlink account can be found at <http://www.gatorlink.ufl.edu/>. **You must correspond through this e-mail account.** Other servers such as aol, yahoo, msn, etc. have trouble communicating with UF. **If you use an account other than Gatorlink, your e-mails may not be received by your instructor.** Also, I will communicate with you via a course list-serv using **only Gatorlink** accounts. You will receive class information via e-mail the first week of class.

#### ELearning Instructions

- 1) Go to <http://lss.at.ufl.edu/>, and click continue.
- 2) Enter your Gatorlink username and password and click ok.
- 3) Click on ENY 3005 or ENY 5006 to reach the homepage.

### Assignments

#### Journal Assignments - Everyone

Your journal is a collection of answers to 5 assignments, each worth 10 points (~ 1 page each). There is a test posting (Unit 1) to introduce yourself to your instructor and classmates. Please include a bit about yourself and include a bug story of some kind. This first post is un-graded, but will familiarize you with the posting system. The remainder of the assignments are found in various lecture units and will prompt you to make a journal entry. These assignments are fair game for the exam and will be graded the week of the exam. Please see the assignment section of the course outline for the units with journal assignments. Because of the class size, you may only receive feedback on the assignments if points are deducted. **Journal assignments are due by 5:00 PM the night before the exam is posted. (unit 1-5 assignments before Exam 1, units 6-10 before Exam 2, and units 11-15 before the final exam) Late submissions will not be graded.**

**ALL JOURNAL ASSIGNMENTS ARE DUE BY 5:00 PM EST - THE NIGHT BEFORE THE EXAM IS POSTED.**

#### Literature Review - ENY 5006 only

For this assignment, graduate students will be required to write a literature review based on one of the following topics: Biological Control of Insects, Insect Pest Management (IPM, Insecticides, agricultural crops, etc.), or Medical Entomology. You must choose a topic and submit it to the instructor before the first exam. The instructor will approve the topic or will suggest some alternate topics for the review. The literature review will consist of a **10 page**, typed (12 point font, 1.5 line spacing, 1.25" margins) paper with a minimum of 15 peer-reviewed journal article references. At least 5 of these articles must be the year 2001 or newer. This assignment will be due **before** the final exam. If you have questions about which journal articles are acceptable, please ask. You can visit the UF library page and go to quick links to find great databases for articles. Try [Science Direct](#) or Google Scholar to find some full articles online! If you are off campus, the UF library has information for remote use at <http://www.uflib.ufl.edu/distance/>. This assignment is worth 100 points! You will be graded on content and quality of sources as well as organization and format. This report may be submitted to Turn-it-In anti-plagiarism software, so be careful about plagiarism and citations. You may visit the UF Student Honor Code website at <http://www.dso.ufl.edu/studentguide/studentconductcode.php#s40431> for more information on plagiarism. Any plagiarized work will receive a zero and may be submitted to the graduate committee and UF judicial affairs. A sample paper will be posted for you.

## Exam Information

### Practice Exam

There will be a practice exam posted online one week prior to the first exam so you can see the exam format. This exam is brief and will not be graded.

### Review Session

There will be a review session in the online chat room the night before the first exam at 8:00 pm (EST). The chat will last for 1 hour and you may post questions to be answered in real time from the instructor. If you are not able to attend the review, you may view the chat log in ELearning. You may need to install JAVA to use the chat function.

### Exams – Exam 1 (Units 1-5), Exam 2 (Units 6-10), Online Final (all + Units 11-15)

*Note: There will be two versions of exams 1 and 2, one for students in and near Gainesville, and one for those of you who are truly distance students. The final exam will be online for everyone.*

There will be three exams during the semester, each covering 5 units of material. The final exam will be comprehensive and will be composed of 100 points of new material and 50 points of previous material **The instructor reserves the right to submit all exams to “Turn It In” for plagiarism evaluation.**



### ON-CAMPUS STUDENTS – **IMPORTANT** – EXAMS 1 AND 2 WILL BE GIVEN IN ENY 1031

Students who are on-campus (taking the on-campus lab) will be required to take the first two exams at the Entomology and Nematology Department in ENY 1031. To gain access to the exam, you need to have 2 pencils and your student ID. You will not be allowed to bring other items (notebooks, backpacks, etc.) into the exam room. The exams are closed book and will be a combination of multiple choice, matching, and true false questions answered on a scantron answer sheet (provided by the instructor) as well as essay questions written on the exam. You will receive an e-mail link for a Doodle poll where you may choose an exam time. Available times will be 1:00-3:00 PM or 3:00-5:00 PM on the exam dates indicated on the course outline page. Times will be given on a first come first served basis and are limited to 60 students per exam time. The exam dates are posted so please make work arrangements around the exam times. The exam will begin promptly, so please use office hours or the online chat review time to ask questions. Working through the study guides The final exam will be online and will use the Respondus browser lock. Please see online exam information and troubleshooting section below.

### **NO MAKE-UP EXAMS WITHOUT PRIOR APPROVAL.**

If you would like to take your exam on a day prior to the listed exam date, please contact your instructor at least one week in advance. You will not be allowed to take the exam after the exam date unless prior arrangements have been made. If you are ill, you need to contact the instructor before the exam. A doctor or infirmary must confirm illness before you may schedule a make-up exam.

## **DISTANCE STUDENTS – ALL EXAMS ONLINE**

The exams will be available from 8:00 AM until 11:59 PM on the dates indicated on the course outline page. You must log in before 11:59 PM. You must independently answer all questions. You will be asked to lock your browser for the exam. You may not cut and paste information or consult current or former students for answers. There is no time limit for the exam, but once you begin the exam, it must be submitted. Once logged in, you may continue past midnight. On average, the exam takes about 90 minutes to complete. *Please try not to take longer than 2 hours on any exam. Grades will be posted one to two weeks following the exam using the ELearning grade book.*

**NOTE: IMPORTANT ONLINE EXAM INFORMATION.** Before taking an online exam, you will need to go to <http://www.respondus.com/lockdown/information.pl?ID=364713981> and download the Respondus Browser Lock software. There is a video explaining the download process at <http://lss.at.ufl.edu/services/respondus/>. If you forget, you will have the option to download the program when you try to open the exam, but it would be best for you to do it ahead of time in case you have problems and need to call the help desk. You will need to have this software before you can access the exam. The program will need to be installed on whichever computer you are going to use to take the exam. All the computer labs on campus have the software installed. Again, you will not be able to access the exam without this software. Also, you will need to have Internet Explorer installed to use the Respondus software.

### **Troubleshooting for online exams - 352-392-HELP**

Because we are depending on computers for the exam, problems may occur. Don't panic. I know things happen and we will do what we can to fix the problem. Here are a few pointers. If you get disconnected from the internet while you are taking the exam, leave your browser open and then reconnect. You should be able to pick up the exam where you left off and ELearning will make a note that the connection was lost. If taking the exam in the library, you may have a security window pop up during the exam. Save your answers, but do not submit the exam. Turn off the computer, then restart it. You should be able to access your exam again to complete it and submit it.



If you still have difficulties, please call the help desk (352-392-HELP) then inform your instructor. If you experience other problems, try to save what you have completed and then you can e-mail those answers to me to insert into a new exam. If the power fails and you cannot log back in, I can reset the exam on Monday and you can take the exam then.

Make sure to try out the practice exam to see that you can log in and properly view the exam questions.

### **Saving Exam Answers**

Once you begin the exam, all questions will appear at once and you can answer them in any order. You may also change your answer as many times as you like. After each answer, be sure to click *save answer* and if you change your answer, click save answer again. At the end of the exam, you will need to click submit. Again, grades will be posted within one to two weeks after the exam in the ELearning grade book.

**LAB INFORMATION – The lab is a required as a co-requisite.**

The 1 credit hour lab part of the course is offered for all ENY 3005 and 5006 students, and you must register for the lab separately. Gainesville students should attend lab the second week of the semester. For those of you off campus, you will either attend a lab scheduled by your local UF/IFAS Research and Education Center or you will register for an online lab through the Entomology Department - (352) 273-3912. On-campus students may visit <http://entomology.ifas.ufl.edu/barfield/basicentomology/> for lab information including the syllabus and handouts. Distance students will have an ELearning link for the lab. You may visit <http://entomology.ifas.ufl.edu/baldwin/webbugs/> for more information.

**Students taking classes in Gainesville must take the on-campus lab.**

**\*You must return any UF lab equipment to your lab TA when you turn in your collections.\***

**EVALUATION**

Lecture Exam I	100
Lecture Exam II	100
Journal Assignments	50
Lecture Final Exam	150
ENY 5006 Book Review (100 points)	
Total	<b>ENY 3005</b> 400 points
	<b>ENY 5006</b> 500 points

FINAL GRADING	
Scale: Percentage	
100-93	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
0-59	E

NOTE: Before the final exam, you should receive an e-mail about an electronic evaluation from the Dean’s office at UF. Please fill out this evaluation to assess the quality of this course.

There will be NO extra point opportunities for this class. The 50 point journal counts as any extra points, so be sure to complete all assignments. Late assignments will not be graded.

**UF POLICIES**

**UF Counseling Services:**

1. University Counseling Center, 301 Peabody Hall, 392-1575, personal and career counseling [Infirmery]) 392-1575, personal and career counseling.
2. Student Mental Health, Student Health Care Center, 392-1171, personal counseling.
3. Sexual Assault Recovery Services (SARS), Student Health Care Center, 392-1161, sexual assault counseling.
4. Career Resource Center, Reitz Union, 392-1601, career development assistance and counseling.

**Academic Honesty:** As a result of completing registration at the University of Florida, every student has agreed to the following statement: "I understand that the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University." **We, the members of the University of Florida community, pledge to hold our peers and ourselves to the highest standards of honesty and integrity.**

Plagiarism in this class will not be tolerated. For more information about plagiarism, please see the information on the class homepage.

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.