

## Bi 452/552: Insect Biology

Text: Fundamentals of Entomology, 6<sup>th</sup> Ed. Elzinga 2003  
Bi 452/552 Course Reader

Objective: The primary objective of this course is to familiarize you with the ecology, diversity, physiology and morphology of insects and their impacts on humans. After completing this course, you will be able to identify the commonly encountered insects of Oregon and you will know how they interact with their environment.

		Lecture	Lab	Reading
6/22	Monday	Introduction to the Study of Entomology	What makes an Insect an Insect	R: Pedigo Ch 1
6/23	Tuesday	Importance and Diversity of Insects	Insect Biogeography & Evolution	Elzinga Ch 1
6/24	Wednesday	Insect classification and Systematics & Collecting and Preserving Insects	External & Internal Morphology	Elzinga Ch 2 &3
6/25	Thursday	<b>(Lect. Quiz)</b>	How to Collect & Preserve Insects	Elzinga Ch 14
6/27	Saturday	Field Trip to: Jessie M. Honeyman Memorial State Park <b>Depart from Huestis 9 AM</b>		
6/28	Sunday	Field Trip to: Elijah Bristow/Dexter State Recreation Area <b>Depart from Huestis 9 AM</b>		
6/29	Monday	Insect Ecology	Primitive Orders- Protura through Odonata, Plecoptera, Embiidina, Phasmida,	Elzinga Ch 5
6/30	Tuesday	Behavior	Dictyoptera, Dermaptera & Grylloblattodea	Elzinga Ch 6
7/01	Wednesday	<b>(Lecture Quiz)</b> Household Insects	Hemiptera, Thysanoptera, Psocoptera, Phthiraptera Megaloptera, Neoptera, Raphidioptera	Elzinga Ch 12
7/02	Thursday	<b>(Lab Quiz 1)</b>	Coleoptera, Strepsiptera, Mecoptera	
7/06	Monday	Predators (NOT ON MIDTERM)	Diptera	Elzinga Ch 9
7/07	Tuesday	*****Midterm*****	Time to work on collection	
7/08	Wednesday	Insect Defenses	Hymenoptera & Siphonaptera	R: Gullan Ch 13
7/09	Thursday	IPM	Lepidoptera & Trichoptera	Elzinga Ch. 11
7/13	Monday	<b>(Lecture Quiz)</b> Parasitism & Biological Control	Invasive Insects & Insects as Food	Elzinga Ch 8 R: pg. 100
7/14	Tuesday	Insect -Plant Interactions	<b>( Lab Final)</b>	Elzinga Ch. 10
7/15	Wednesday	Review	Time to work on collection	
7/16	Thursday	****Lecture Final Exam*****	Final Collection Due	

### GRADING POLICY:

Quizzes: 20 pts each (80 total)  
Midterm: 50 points  
Collection: 200  
Lab Final: 100  
Lecture final 150

### FINAL GRADES

A 95-100% Extraordinary	C+ 77-79 Good
A- 90-94 Exceptional	C 74-76 Satisfactory
B+ 87-89 Excellent	C- 70-73 Acceptable
B 84-86 Very Good	D 60-79 Adequate
B- 80-83 Admirable	F 0- 60 Failure

Extra Credit: No additional papers, projects or other supplementary work will be accepted for extra credit. Extra credit will be built into the midterm, final and collection. Resubmission of tests or quizzes with corrections will not be accepted for additional credit.

### **STATEMENT REGARDING STUDENTS WITH DISABILITIES:**

Accommodations are collaborative efforts between students, faculty and disability services. Students with accommodations approved through disability services are responsible for contacting Dr. Young prior to or during the first week of the term to discuss accommodations. Students who believe they are eligible for accommodations but who have not yet obtained approval through disability services should contact them immediately at 541-346-1155.

### **EXPECTATIONS FOR STUDENT CONDUCT**

Every student is expected to conform to the university's policies, as defined by the Office of Student Conduct and Community Standards. More information can be found at

<http://studentlife.uoregon.edu/StudentConductandCommunityStandards/tabid/68/Default.aspx>.

### **ACADEMIC DISHONESTY POLICY**

You will be expected to conduct yourself in a professional manner. Academic dishonesty such as plagiarism and cheating will not be tolerated. Therefore, students are expected to be honest and ethical in their academic work. Academic dishonesty is defined as an intentional act of deception in one of the following areas:

- \* cheating- use or attempted use of unauthorized materials, information or study aids,
- \* fabrication- falsification or invention of any information,
- \* assisting- helping another commit an act of academic dishonesty,
- \* tampering- altering or interfering with evaluation instruments and documents, or
- \* plagiarism- representing the words or ideas of another person as one's own.

For more information about academic integrity and the University's policies and procedures in this area, please refer to the Student Conduct web site at: [http://studentlife.uoregon.edu/programs/student\\_judicial\\_affairs/](http://studentlife.uoregon.edu/programs/student_judicial_affairs/)