

General Course Information:

Meets: M-R
9.00am-12.50pm

Location:

Format: Lecture/Field Lab

Materials: Reading materials available online
Lecture slides will be posted to Blackboard
Field Collection materials will be assigned



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GENERAL COURSE SCHEDULE:

WEEK	LECTURE	LAB
1	Introduction/Overview	Collection (on going)
	Insect Orders	ID Key How-to
	Collection Techniques	Begin course collections
	Sample Preservation	Preservation Techniques
	Life Cycle/ Development	Degree Day Models
	Anatomy of Insects	Dissection
	QUIZ 1	Thursday, July 21-- 12pm
2	Evolution of Insects	Evolution of Flight
	Crypsis/Mimicry	
	Co-Evolution	
	Plant/Insect Ecology	Field Observation
	IPM	Insect damage
	Conventional vs. IPM Debate	Aphid Mummies
	MIDTERM	Thursday, July 28-- 12pm
	Field Trip: HJ Andrews	Saturday, July 30th- Sunday, July 31st
3	IPM and Parasitism	Aphid Wasps
	Hormone systems in Insects	Social insects and hormones
	Hormones and IPM	
	Bioindicators	
	Insect Communities	Community analysis
	Aquatic insects	Case-building mechanics
	QUIZ 2	Thursday, August 4-- 12pm

4	Insect Systematics	Character Tree
	Medical Entomology	
	Forensic Entomology	Field Lab-Forensics
	Insects and Society	Insect Media
		Insects/Art of War
	FINAL EXAM	Thursday, August 11--11.00am
	COLLECTIONS DUE	Thursday, August 11--12.50pm

STUDENT RESPONSIBILITIES

Attendance Attendance will not be taken; you are expected to attend class to turn in class work. There will be something due each day of lecture. If you need to miss class, please let me know in advance so that we can plan accordingly.

Collection You will be expected to complete an insect collection for a part of your overall grade. I will be available to help you with either of these, and there will be many opportunities to add to your collection and work on it over the 4 weeks of class.

Field Trip There is one field trip required, it is scheduled for Saturday, July 30th with return on Sunday, July 31st. We'll be doing a lot of collecting and working on field techniques associated with studies in Entomology, and there will be scored assignments to turn in. We'll discuss this more as it approaches.

GRADING	
	<u>PTS</u>
In-class work	100
Quizzes (2)	25
Midterm	50
Final	50
Field Trip	100
Collection	100
<u>Field Notes</u>	<u>50</u>
TOTAL	500