

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

Instructor: Melissa Scherr

Contact: mascherr.ent@gmail.com

Office Hours: Thursday, 1pm-3pm

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 26-- 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, August 2 -- 12pm
	Field Trip: HJ Andrews	Saturday, August 4th - Sunday, August 5th
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 9-- 12pm

4	Insect Systematics	Character Tree
	Medical Entomology	
	Forensic Entomology	Field Lab-Forensics
	Insects and Society	
	COLLECTIONS DUE	Friday , August 17—8.00am
	FINAL EXAM	Friday, August 17—8.00am

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.
- Collection** You will be expected to complete an insect collection for a part of your overall grade. I will be available to help you 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, August 3rd with return on Sunday, August 4th. 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