

## Introduction to Applied Entomology, Fall Semester 2017 Syllabus

Lect	Day	Date	Lecture	Lab
1	M	Aug 28	Course overview; introduction to insects	1. Microscopes, specimens, how to collect and preserve insects
2	W	Aug 30	Insect morphology	
3	W	Sep 6	Insect growth and development	(No Lab)
4	M	Sep 11	Insect behavior and reproduction	2. Field trip 1
5	W	Sep 13	Orders: Entognatha through Blattaria	
6	M	Sep 18	Orders: Isoptera through Hemiptera	3. Field trip 2
7	W	Sep 20	Orders: Thysanoptera through Coleoptera	
8	M	Sep 25	Order: Hymenoptera	4. Taxonomy 1
9	W	Sep 27	Pollinators: Bees and beekeeping	
10	M	Oct 2	Orders: Trichoptera and Lepidoptera	5. Taxonomy 2
11	W	Oct 4	Orders: Siphonaptera and Diptera	
12	M	Oct 9	Review	6. Taxonomy Review
13	W	Oct 11	<b>Lecture Exam 1</b>	
14	M	Oct 16	Exam return and review, guidelines for the remainder of the course	7. <b>Lab Exam 1</b>
15	W	Oct 18	Insects as pests; integrated pest management	
16	M	Oct 23	Thresholds for insect management	8. Field Crop Insects
17	W	Oct 25	Phenology	
18	M	Oct 30	Insecticides – chemical groups, modes of action	9. Landscape & Turf Insects
19	W	Nov 1	How insecticides are used	
20	M	Nov 6	Insecticide toxicity and environmental fate	10. Fruit, Vegetable & Greenhouse Insects
21	W	Nov 8	Insecticide resistance	
22	M	Nov 13	Neonicotinoid insecticides	11. Pests of Humans, Animals, and Property
23	W	Nov 15	Biocontrol 1	
24	M	Nov 27	Biocontrol 2	12. Beneficial Insects
25	W	Nov 29	Beneficials	
26	M	Dec 4	Host plant resistance to insects	13. Lab Review
27	W	Dec 6	Issues associated with transgenic crops	
28	M	Dec 11	Integrated pest management revisited	14. <b>Lab Exam 2</b>
<b>29</b>	<b>W</b>	Dec 13	Review for final exam	

Final exam during Finals Week covers material from October 16 through the end of the semester.  
 Final exam during Finals Week according to campus schedule