

Syllabus
ENTO 4300/5300
APPLIED INSECT ECOLOGY

Instructor: Dr. Timothy Collier (call me Tim). **Email: tcollier@uwyo.edu**
 When: Tues-Thurs 2:45-4:00
 Where: Engineering Bldg, Room 3105
 Reading: no textbook; will read published scientific papers
 Grading: 3 Exams (94 pts) based on lectures & study questions
 3 Quizzes on readings (6 pts) (get 6 pts for showing up for Grad Pres.)
 Presentation (100 pts) for 5300 students only
 Cumulative final exam based on (few) study questions (88 pts)
 Office Hour: Ag 2009 Thursday 1:30-2:30 or by appointment

Date	Lecture Topic
Aug 25 (Tues)	Course Mechanics
Aug 27 (Thurs)	Field Trip
Sept 1 (Tues)	Plant-Insect Interactions
Sept 3 (Thurs)	Insect-Natural Enemies and "Tri-Trophic" Interactions
Sept 8 (Tues)	Abiotic Factors
Sept 10 (Thurs)	Demography & Life Histories
Sept 15 (Tues)	Reading 1 Discussion/Quiz 1/Review
Sept 17 (Thurs)	Exam 1 (94 points) (4 lectures)
Sept 22 (Tues)	no class – field work
Sept 24 (Thurs)	no class – field work
Sept 29 (Tues)	Population Dynamics I
Oct 1 (Thurs)	Population Dynamics II
Oct 6 (Tues)	<i>No class</i> – U.S. Dept. of Agriculture Meeting
Oct 8 (Thurs)	<i>No class</i> – U.S. Dept. of Agriculture Meeting
Oct 13 (Tues)	Consumer-Resource Dynamics
Oct 15 (Thurs)	Competition & Mutualisms
Oct 20 (Tues)	Reading 2 Discussion/Quiz 2/Review
Oct 22 (Thurs)	Exam 2 (94 points)(4 lectures)
Oct 27 (Tues)	Pest Management
Oct 29 (Thurs)	Biological Control of Insects
Nov 3 (Tues)	Biological Control of Weeds
Nov 5 (Thurs)	Conservation, Biodiversity and Insects as Bio-Indicators
Nov 10 (Tues)	Reading 3 Discussion/Quiz 2/Review
Nov 12 (Thurs)	Exam 3 (94 points)(4 lectures)
Nov 17 (Tues)	<i>No class</i> – Wyoming Weed and Pest Fall Conference
Nov 19 (Thurs)	<i>No class</i> – Wyoming Weed and Pest Fall Conference
Nov 24 (Tues)	Student Presentations (get 6 pts for showing up)
Nov 26 (Thurs)	<i>No class</i> – Thanksgiving
Dec 1 (Tues)	Student Presentations (get 6 pts for showing up)/Review
Dec 3 (Thurs)	Final Exam (88 points)(cumulative)