

**COURSE SYLLABUS**  
**ENTO 4884/5884- INSECT BEHAVIOR**  
**Spring Semester 2013**

**Course Time/Location:** T/Th 11-12:15 AG 2018

**Instructor Information:**

**Instructor:** Timothy Collier

**Phone:** 766-3113**Phone:** 766-2552

**E-mail:** tcollier@uwyo.edu

**Office:** AG 4017

**Office Office Hours:** posted on office door

\*office hours with also available by appointment

**Prerequisites:** LIFE 3400

**Disability Statement:** The Instructor will gladly accommodate physical, learning, or psychological disabilities. Please let the instructors know as soon as possible. You must register with, and provide documentation of your disability to University Disability Support Services (UDSS) in SEO, room 330 Knight Hall.)

**Text(s) and Readings:** readings from the scientific literature will be provided in PDF format

**Course Requirements/Assignments:**

All Students will be required to complete:

- a. 4 Regular Exams @ 100 pts each (based on lectures)
- b. 4 Quizzes @ 10 pts each (on readings)
- c. Do a presentation on a journal article of choice @ 30 pts
- d. graduate students will be required to attend a weekly, 1 hr long reading group meeting and lead paper discussion once (undergrads have option of joining as ENTO 4686)
- e. optional cumulative final exam

**Grading Standards:** grading will be based on a straight curve, adjusted by the instructors if necessary.

**Attendance/Participation Policy:** University sponsored absences will be cleared through the Office of Student Life.

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**Schedule:**

Jan 15 (T)	Course Mechanics
Jan 17 (Th)	Ways of Studying Behavior 1 (cricket lab)
Jan 22 (T)	Ways of Studying Behavior 2
Jan 24 (Th)	Physiology of Behavior 1
Jan 29 (T)	Physiology of Behavior 2
Jan 31 (Th)	Orientation/Taxis/Circadian Rhythms
Feb 5 (T)	<b>Reading 1 Discussion/Quiz 1</b>
Feb 7 (Th)	<b>Exam 1</b>
Feb 12 (T)	student presentations
Feb 14 (Th)	Odor Attraction
Feb 19 (T)	Feeding
Feb 21 (Th)	Learning
Feb 22 (T)	Genetics of Behavior
Feb 26 (Th)	Communication
Mar 5 (T)	<b>Reading 2 Discussion/Quiz 2/Review</b>
Mar 7 (Th)	<b>Exam 2</b>
Mar 12 (T)	student presentations
Mar 14 (Th)	Introduction to Behavioral Ecology & Game Theory
Mar 19 (T)	<b>Spring Break</b>
Mar 21 (Th)	<b>Spring Break</b>
Mar 26 (T)	no class – Weed and Pest Meeting
Mar 28 (Th)	Territoriality & Aggression
April 2 (T)	Foraging Part 1
April 4 (Th)	Foraging Part 2
Apr 9 (T)	<b>Reading 3 Discussion/Quiz 3</b>
Apr 11(Th)	<b>Exam 3</b>
Apr 16 (T)	student presentations
Apr 18 (Th)	Mating 1
Apr 23 (T)	Mating 2
Apr 25 (Th)	Social Behavior
Apr 30 (T)	<b>Reading 3 Discussion/Quiz 3</b>
May 2 (Th)	<b>Exam 4</b>
Finals Week:	<b>Cumulative Final Exam</b>