

BIOL 423

Modern Insect Science

Fall Term (2013-14)

CALENDAR DESCRIPTION

An exploration into the world of insects, one of the most abundantly successful group of organisms on the earth.

NOTE An overnight field trip is estimated to cost \$65; a limited number of bursaries may be available for exceptional circumstances; contact the instructor early in the previous term.

RECOMMENDATION BIOL 330/3.0 or BCHM 218/3.0 or *MBIO 218/3.0*. ONE-WAY EXCLUSION May not be taken with or after BIOL 507/3.0. PREREQUISITE BIOL 201/3.0 and BIOL 202/3.0 and BIOL 205/3.0.

SCHEDULE

Lectures: Thursday 11:30-14:30. BIOSCI 3306.

Lab: Thursday 10:30-11:30. BIOSCI 3306.

Instructor	Dr. L. Seroude
Instructor Contact	seroude@queensu.ca Phone: 613-533-6769
Office Hours	8:30am-5:30pm
TA:	Husain Nizami
TA Contact Information	8mhn@queensu.ca
Office Hours	N/A

Learning Objectives

The goals of Biology 423 are to use insects as model organisms to elucidate fundamental biological problems.

Learning Hours

<i>Teaching method</i>		<i>Average hours per week</i>	<i>Number of weeks</i>	<i>Total hours</i>
In-class hours	Lecture	1	12	12
	Seminar			
	Laboratory			
	Tutorial	3	12	36
	Practicum (trial)			
	Group learning			
	Individual instruction			
Other	Online activity			
	Off-campus activity			
	Private study	6	12	72
Total hours on task				120

Course Outline

3-4 topics to be chosen by the students.

Textbooks/Readings

1-5 peer-reviewed scientific articles per topic covered.

Grading Scheme

Open to change upon student request

Component	Weight (%)	Date
Board and chalk presentations	20	1 for each topic
Tutorial assignments/problems	40	1/week
Final (oral)	40	week 12

Grading Method

All components of this course will receive numerical percentage marks. The final grade you receive for the course will be derived by converting your numerical course average to a letter grade according to Queen's Official Grade Conversion Scale.

Queen's Official Grade Conversion Scale

Grade	Numerical Course Average (Range)
A+	90-100
A	85-89
A-	80-84
B+	77-79
B	73-76
B-	70-72
C+	67-69
C	63-66
C-	60-62
D+	57-59
D	53-56
D-	50-52
F	49 and below

Academic Integrity and Queen's Code of Conduct

Students are responsible for familiarizing themselves with the regulations concerning academic integrity and for ensuring that their assignments and conduct conform to the principles of academic integrity. Information is available in the Arts and Science Calendar (see Academic Regulation 1 - <http://www.queensu.ca/artsci/academic-calendars/regulations/academic-regulations>, on the Arts and Science website (see <http://www.queensu.ca/artsci/academics/undergraduate/academic-integrity>), and at Biology's website (<http://www.queensu.ca/biology/undergrad/integrity.html>) and from the instructor of this course. Departures from academic integrity include plagiarism, use of unauthorized materials, facilitation, forgery and falsification, and are antithetical to the development of an academic community at Queen's. Given the seriousness of these matters, actions which contravene the regulations on academic integrity carry sanctions that can range from a warning or the loss of grades on an assignment to the failure of a course to a requirement to withdraw from the university.

Accommodation Policy, Exam Conflicts, and Other Conflicts

Students who feel they need accommodations for disabilities or extenuating circumstances, or have a conflict between exams or other commitments should consult the Biology Department's website for details about how to proceed (<http://www.queensu.ca/biology/undergrad/integrity.html>). In general, the earlier a course coordinator is apprised of an extenuating circumstance, the more likely an accommodation can be made. Students are encouraged to be proactive in anticipating difficulties, when it is possible to do so.

Students may apply to write a make-up or deferred exam if they have an exam conflict as defined in the Academic Regulations of the Faculty (See Arts and Science Calendar Regulation 8 - <http://www.queensu.ca/artsci/academic-calendars/regulations/academic-regulations>). In this case, the student should report to the Exams Office first to verify that there is a genuine exam conflict. Biology professors will not consider your situation to be a conflict unless it meets the criteria set out by the Faculty of Arts and Sciences.

Students may request a make-up or deferred exam if they have an exam conflict with off-campus travel associated with a field course (e.g BIOL-307/3.0 or 407/3.0) that is held during the fall or winter terms.

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Accommodation of Disabilities

Queen's University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. If you are a student with a disability and think you may need accommodations, you are strongly encouraged to contact the Disability Services Office (DSO) and register as early as possible. For more information, including important deadlines, please visit the DSO website at: <http://www.queensu.ca/hcds/ds/>