



Department of Integrative Biology

**IBIO*6010 – Advances in Physiology
Winter 2014**

COURSE OUTLINE

Instructor: Dr. Amy Newman

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First class meeting: Monday January 13th 12:30 pm (Room TBA)

Scheduled classes: TBD

Description:

During this course, as a group, students will produce a Review manuscript for a peer-reviewed journal. We will tackle a gap in the literature that integrates ecology and physiology that will be chosen during class and decided upon as a group. We will first have several group meetings where individuals will present and critique ideas for a topic, and we will discuss challenges and solutions to writing a group paper. We will assign specific writing assignments and discuss coordination among sections to ensure a polished final product.

Grading:

Students will be individually graded base on their participation and presentations during the course, as well as on individual writing assignments for the paper.

Course Objective:

The overall objective of this course is to investigate the integration of ecology and physiology while improving scientific writing and communication skills. Students will work both individually and as a group to produce a peer-reviewed manuscript that will be submitted to a journal at the end of the semester. The topic for this year will be *Eco-physiology* and through our discussions and critiques of gaps in the integrative study of physiological ecology, students will broaden their understanding of these disciplines and gain important insights into the conceptual and experimental integration of these two, traditionally distinct, areas of study.

Course Format:

We will meet once a week. Each week, students will have presentation, writing and/or reading assignments in preparation for our next meeting.

Important policies and procedures:

E-mail Communication

As per university regulations, all students are required to check their <uoguelph.ca> e-mail account regularly: e-mail is the official route of communication between the University and its students.

Academic Misconduct

The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection. The Academic Misconduct Policy is detailed in the Graduate Calendar:

http://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/sec_d0e1687.shtml