

SAMPLE COURSE OUTLINE

Creation date: Jan 10, 2020

Revision date: Jan 10, 2020

Course Code, Number, and Title:

BIOL 2380: Intro to Ecology

Course Format:

[Course format may vary by instructor. The typical course format would be:]

Lecture 4.0 h + Lab 3.0 h

Credits: 3

Transfer Credit: For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

Ecology explores the complex relationships between organisms and their environment. Students first develop a foundation in ecological theory, and then apply this theory and quantitative methods to contemporary ecological problems. In the lab, students acquire local natural history knowledge and test ecological hypotheses in the field.

Prerequisite: a minimum 'C' grade in both BIOL 1115 and BIOL 1215

Learning Outcomes:

Upon successful completion of BIOL 2380, students will be able to:

- Identify the core ecological principles that affect organisms and the ecosystems in which they live, and analyze the impact of those principles on those organisms and ecosystems.
- Explain how the principles of ecology impact strategies for preserving biodiversity, and discuss how these strategies can be implemented locally and globally.
- Perform simple statistical analyses on ecological data using Excel, and then depict these analyses in clear, concise figures/tables.
- Communicate complex scientific ideas and analyses relating to ecology in discussions and written reports.
- Perform a variety of field techniques and identify many local species.
- Explain the role of human impacts on other species and ecosystems.

Instructor(s): TBA

Office: TBA

Phone: (604) 323-XXXX

Email: TBA

Office Hours: TBA

Textbook and Course Materials:

"This generic outline is for planning purposes only".

[Textbook selection may vary by instructor. An example of texts and course materials for this course might be:]

Elements of Ecology, First Canadian Edition. Smith, Smith, and Waters. 2014.

For textbook information, visit https://mycampusstore.langara.bc.ca/buy_courselisting.asp?selTerm=3|8

Note: *This course may use an electronic (online) instructional resource that is located outside of Canada for mandatory graded class work. You may be required to enter personal information, such as your name and email address, to log in to this resource. This means that your personal information could be stored on servers located outside of Canada and may be accessed by U.S. authorities, subject to federal laws. Where possible, you may log in with an email pseudonym as long as you provide the pseudonym to me so I can identify you when reviewing your class work.*

Assessments and Weighting:

(An example of assessments might be:) %

Information unavailable, please consult Department for details

Grading System: Letter grade

Specific grading schemes will be detailed in each course section outline.

Information unavailable, please consult Department for details

Topics Covered:

[Topics covered may vary by instructor. An example of topics covered might be:]

Information unavailable, please consult Department for details

As a student at Langara, you are responsible for familiarizing yourself and complying with the following policies:

College Policies:

[E1003 - Student Code of Conduct](#)

[F1004 - Code of Academic Conduct](#)

[E2008 - Academic Standing - Academic Probation and Academic Suspension](#)

[E2006 - Appeal of Final Grade](#)

[F1002 - Concerns about Instruction](#)

[E2011 - Withdrawal from Courses](#)

Departmental/Course Policies:

“This generic outline is for planning purposes only”.