

Wildlife Ecology & Management (Biology 3446B)

Course Outline – Winter 2024

1. Course Information

Lectures: See schedule posted on OWL

Labs: See schedule posted on OWL

List of Prerequisites

Biology 2483A/B.

3. Course Description, Learning Outcomes, Schedule, Delivery Mode

Description

The application of ecological principles to the management of wildlife species. Topics include: techniques, harvest, predation, habitat loss and management, stocking and reintroductions, and economics of wildlife. Identification and biology of game, pest, and furbearing species in laboratories; films are used frequently.

Learning Objectives

Further to the goals of the course listed below, outcomes for each lecture will be released with the lecture. By the end of this course, you should be able to:

1. Describe common ideas and challenges to the management and conservation of wildlife populations and offer solutions to those challenges.
2. Explain the methods used to study wildlife.
3. Be able to identify bird, mammal, amphibian, and reptile species that are native to Canada.

Mode of Delivery

Lectures will take place in-person during the scheduled class periods. Labs will also take place in-person during the assigned lab periods. You must attend your assigned lab section as you are not allowed to attend other lab sections without written approval from the course instructor. The material covered in lectures and labs are outlined in the following *Tentative Schedule*.

Contingency Plan

Although the intent is for this course to be delivered in person, should any university-declared emergency require some or all of the course to be delivered online, either synchronously or asynchronously, the course will adapt accordingly. The grading scheme will **not** change. Any assessments affected will be conducted online as determined by the course instructor. More information is available in Section 8 of this syllabus.

Tentative Schedule

The lecture topics presented below are *tentative* and may change as the semester develops. I have invited guest speakers who may have to reschedule their talks. There will be periodic assigned readings in support of the lecture material posted periodically throughout the term. For those papers, you should make note of the purpose of the study and the major findings.

See schedule posted on OWL.

4. Course Materials

No textbook for the course is required, but a field guide is recommended. I personally like to have a physical copy because a well-

Evaluation Content & Expectations

Lab evaluations may include bonus questions. The content of the bonus questions is meant to be a surprise, so there will not be any bonus questions on makeup tests. Unless a question on the midterm or final exam specifically says to include additional sources, answers will be marked based on information presented by the course instructor, guest lectures, any videos presented in class, and from assigned readings. Answers to all questions must be in your own words. That is, you may not copy-and-paste a lecture transcript and expect to receive full marks for a question.

6. Student Absences

Absences from Midterm and/or Lab Midterm

If you experienced an extenuating circumstance (illness, injury or other extenuating circumstance) sufficiently significant to temporarily render you unable to write the midterm, the lab midterm, and/or the lab final exam, you may submit a request for academic consideration through the Academic Counselling Office of your Faculty of Registration as soon as possible.

For medical absences, you must submit a Student Medical Certificate (SMC) signed by a licensed

7. Accommodation and Accessibility

Religious Accommodation

When a course requirement conflicts with a religious holiday that requires an absence from the University or prohibits certain activities, students should request accommodation for their absence in writing at least two weeks prior to the holiday to the course instructor and/or the Academic Counselling office of their Faculty of Registration. Please consult University's list of recognized religious holidays (updated annually) at <https://multiculturalcalendar.com/ecal/index.php?s=c-univwo>

Accommodation Policies

Students with disabilities are encouraged to contact Accessible Education, which provides recommendations for accommodation based on medical documentation or psychological and cognitive testing. The policy on Academic Accommodation for Students with Disabilities can be found at: https://www.uwo.ca/univsec/pdf/academic_policies/appeals/Academic_Accommodation_disabilities.pdf

8. Academic Policies, Virtual Classroom Policies, & Use of AI Software

The website for Registrarial Services is <http://www.registrar.uwo.ca>

In accordance with policy, https://www.uwo.ca/univsec/pdf/policies_procedures/section1/mapp113.pdf, the centrally administered e-mail account provided to students will be considered the individual's official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at their official university address is attended to in a timely manner.

Electronic devices are not permitted during quizzes and exams, with the exception of non-programmable, non-graphing calculators.

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following website: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf.

The work you submit must be your own. Although it is normal to work with a partner on assignments, you must put your submission in your own words. If you have any questions about what constitutes plagiarism, consult the above website or discuss with your instructor before submitting any work to be graded. Remember to cite the ideas of others if you are using their published work in your assignments.

Computer-marked multiple-choice tests and exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate chha9be

Western is committed to reducing incidents of gender-based and sexual violence and providing compassionate support to anyone who has gone through these traumatic events. If you have experienced sexual or gender-based violence (either recently or in the past), you will find information about support services for survivors, including emergency contacts at https://www.uwo.ca/health/student_support/survivor_support/get-help.html.

To connect with a case manager or set up an appointment, please contact support@uwo.ca.

Please contact the course instructor if you require lecture or printed material in an alternate format or if any other arrangements can make this course more accessible to you. You may also wish to contact Accessible Education at http://academicsupport.uwo.ca/accessible_education/index.html if you have any questions regarding accommodations.

Learning-skills counsellors at the Student Development Centre (<https://learning.uwo.ca>) are ready to help you improve your learning skills. They offer presentations on strategies for improving time management, multiple-choice exam preparation/writing, textbook reading, and more. Individual support is offered throughout the Fall/Winter terms in the drop-in Learning Help Centre, and year-round through individual counselling.