School of Science

RRMT 223
Wildlife Management

Term: Winter 2022
Number of Credits: 3

Course Outline

INSTRUCTOR: Isobel Ness
E-MAIL: isobel.ness@yukonu.ca
TIME: Tues/Thurs, 9:30-11:00 & Fri, 1:00-4:00
DATES: January 6 – April 13, 2022
CLASSROOM: A2202
OFFICE HOURS: By appointment

COURSE DESCRIPTION

Participants examine aspects of wildlife biology and the technical and societal context within which wildlife are managed in northern Canada.

COURSE REQUIREMENTS

Prerequisite(s): Admission to the second year of the Renewable Resources Management Program, RRMT 125 and NOST 201.

EQUIVALENCY OR TRANSFERABILITY

Receiving institutions determine course transferability. Find further information at:
https://www.yukonu.ca/admissions/transfer-credit

LEARNING OUTCOMES

Upon successful completion of the course, students will be introduced to:

- the guiding principles and practices underlying wildlife management, including historical and contemporary developments;
- wildlife ecology as it relates to wildlife management;
- key techniques used by wildlife biologist to gain scientific and social science data used to inform wildlife management;
- the management of select wildlife populations through relevant case studies; and
- various issues concerning wildlife management and be encouraged to identify their own values in wildlife conservation

COURSE FORMAT

Weekly breakdown of instructional hours

- Two 1.5-hour lectures

- One 3-hour laboratory

It is expected that this course will require ~3 additional hours each week for completion of assignments or additional reading. It is important to note that the time required will vary by individual.

Delivery format

This course will primarily be delivered in-person with two face-to-face lectures and one lab period per week. The first week of classes will be delivered via Zoom with no lab period.

EVALUATION

Lab Assignments	45 %
Midterm Exam	25 %
Final Exam	30 %
Total	100%

COURSE WITHDRAWAL INFORMATION

Refer to the YukonU website for important dates.

TEXTBOOKS & LEARNING MATERIALS

There is no required textbook for this course. Students require a PC or laptop and internet connectivity for Zoom classes and assignment submission.

ACADEMIC INTEGRITY

Students are expected to contribute toward a positive and supportive environment and are required to conduct themselves in a responsible manner. Academic misconduct includes all forms of academic dishonesty such as cheating, plagiarism, fabrication, fraud, deceit, using the work of others without their permission, aiding other students in committing academic offences, misrepresenting academic assignments prepared by others as one's own, or any other forms of academic dishonesty including falsification of any information on any Yukon University document.

Please refer to Academic Regulations & Procedures for further details about academic standing and student rights and responsibilities.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon University Academic Regulations

(available on the Yukon University website). It is the student's responsibility to seek these accommodations by contacting the Learning Assistance Centre (LAC): LearningAssistanceCentre@yukonu.ca.

TOPIC OUTLINE

Week of Class	Topic
January 4	Course Introduction
January 11	What is Wildlife Management? The North American Wildlife Management Model
January 18	Who Manages Wildlife? The Human Dimensions of Wildlife Management
January 25	Wildlife Management Planning
February 1	Wildlife Measurements
February 8	Wildlife Ecology: Food & Habitat Wildlife Ecology: Movements & Space Use
February 15	Wildlife Ecology: Competition & Predation Wildlife Ecology: Population Cycles
February 22	READING WEEK NO CLASS
March 1	Wildlife Ecology: Population Growth
March 8	Harvest Management: Public Process Harvest Management: Applied Science
March 15	Harvest Management: Types of Harvest
March 22	Endangered Species: Threats & Stressors Endangered Species: Listing & Recovery
March 29	Endangered Species: Reintroductions Wildlife Control: Alien & Invasive Species
April 5	Wildlife Control: Overabundant Species
April 12	Forest Management and Wildlife Wildlife and Agriculture