

**University of Manitoba  
Department of Environment and Geography**

**ENVR 4000 - Wildlife Management  
Fall 2016 (3 ch)**

1. General Information

**Instructors**

- Rick Baydack  
Rick.Baydack@umanitoba.ca  
255 Wallace  
204-474-6776
- David Walker  
David.Walker@umanitoba.ca  
253 Wallace  
204-474-6581

**Wildlife Project Coordinators**

- Don Sexton  
Ducks Unlimited (retired)  
sextonda@mymts.net
- Erin McCance  
EcoLogic Environmental Inc.  
emccance@shaw.ca

**Lecture Room:** 217 Wallace Building

**Lecture Time :** Monday PM\*

\* Note this course does not meet regularly and final presentations are scheduled at the end of term. The following are important meeting dates, see the outline for details:  
Sept. 12 & 19; Oct. 3 & 31; Dec. 5, 2016.

**Course Goals:** Wildlife Management is a 3 credit hour project course in the Department of Environment and Geography. The intent is to provide students with an understanding of real-world issues in the wildlife management field, as identified in conjunction with representatives of government and other agencies in Manitoba. In particular, liaison with Manitoba Sustainable Development, Ducks Unlimited Canada, and Environment Canada is anticipated. The course includes independent work, but a core outcome of the class is to build the skills and abilities of students to work as members of a team, a requirement that is becoming increasingly important in professional environmental careers.

**Course Objectives:** Upon completion of this course, students will be able to:

- I. Understand the nature of contemporary wildlife management issues and strategies in the Province of Manitoba and beyond
- II. For a specific issue/strategy, prepare a written/electronic and oral submission as a member of a research team.

2. Course Content

The course will consist of individual assignments and self-directed studies by teams of 3 or 4 students on wildlife management issues and strategies as identified in class discussions. In particular, each of the Wildlife Project Coordinators listed above will serve as key resource persons and will provide liaison for students to access information and knowledgeable agency representatives. The course will emphasize real-world, hands-on experience in dealing with the various stakeholders involved in wildlife management. This

will involve meetings outside of regular University class times and at various locations across the Province.

For the team projects, students will be expected to determine the most effective strategies that might be applied to the issue under consideration after careful investigation of various alternatives, and also to explain why their approach is considered to be optimal. Research teams are expected to locate background literature, web-based resources, and other documentation for their specific project in conjunction with the Wildlife Project Coordinators and other representatives.

Students will be evaluated through submission of 2 assignments, team project reports and/or electronic materials, and a final oral presentation.

Possible team research projects will be discussed at a first meeting of the class scheduled for Monday September 12, 2016 from 4:00-5:30 PM in 217 Wallace, with a follow-up meeting to finalize projects at 2:30 PM on Monday September 19. If students are unable to attend these meetings, please contact the course instructors as soon as possible.

**Recording Class Lectures:** Drs. Rick Baydack and David Walker and the University of Manitoba hold copyright over the course materials, presentations and lectures that form part of this course. No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of Drs. Baydack and/or Walker. Course materials (both paper and digital) are for the participant's private study and research.

### 3. Evaluation\*

Assignment 1 – North American Model	
Due: <b>October 3</b>	15%
Assignment 2 – The Wildlife Society	
Due: <b>November 7</b>	15%
Team Progress Summary 1	
Due: <b>October 3, 2:30 PM</b> – 217 Wallace	10%
Team Progress Summary 2	
Due: <b>October 31, 2:30 PM</b> - 217 Wallace	10%
Final Team Project Submission	
Due: <b>December 5</b>	30%
Oral Presentations - Team Project	
Due: <b>December 5, 2:30 PM</b> - 217 Wallace	20%

\* Note that electronic submission of all assignments, and team submissions, and oral presentations should be done using the UofM Learn site ([www.umanitoba.ca/d2l](http://www.umanitoba.ca/d2l)) for this course.

#### 4. Assignments

##### **Assignment 1 - North American Model of Wildlife Conservation**

The North American Model of Wildlife Conservation is arguably one of the most successful approaches to wildlife management that has been developed anywhere in the World, but it is not without its critics. For this assignment the following sources are to be read/viewed:

Leopold, A. 1949. *A Sand County Almanac and Other Writings on Ecology and Conservation*. Specifically review the section on The Land Ethic.

D2L video. “North American Model of Wildlife Conservation: Opportunity for All”;  
ALSO AT:  
<http://www.outdoorlife.com/articles/hunting/2016/01/it-time-rethink-north-american-model-wildlife-conservation>

Geist, V., S.P. Mahoney, J.F. Organ (2001). Why hunting has defined the North American model of wildlife conservation. *Transactions of the North American Wildlife and Natural Resources Conference* 66: 175–185.

Students are required to submit a report that defines the *Land Ethic* and the Seven Pillars of the North American Model of Wildlife Management. For the North American Model, you are to critically evaluate both the benefits and shortcomings of the Model. Reports are to be submitted to the UofM Learn site by **October 3, 2016**.

##### **Assignment 2 – The Wildlife Society**

The motto of The Wildlife Society is ‘Leaders in Wildlife Science, Management, and Conservation.’ Is this organization relevant for contemporary wildlife professionals? Explain why or why not.

Some basic information sources that should be used to help inform your answer are listed below, but additional reference sources should be included in providing your viewpoint:

wildlife.org

[http://drupal.wildlife.org/documents/twp\\_archive/Summer%202015.pdf](http://drupal.wildlife.org/documents/twp_archive/Summer%202015.pdf)

[https://www.researchgate.net/publication/283981398\\_Governance\\_Principles\\_for\\_Wildlife\\_Conservation\\_in\\_the\\_21st\\_Century](https://www.researchgate.net/publication/283981398_Governance_Principles_for_Wildlife_Conservation_in_the_21st_Century)

<http://wildlife.org/podcast-importance-of-continuing-education-certification/>

Reports are to be submitted to the UofM Learn site by **November 7, 2016**.

## Assignment Requirements

- i. Reports must be typed, using a 12-point single spaced font.
- ii. Reports should be well-organized and well-written. Proper grammar and spelling will be considered in grading.
- iii. Reports should be no less than 1200-words and no more than 1400-words, excluding Figures and Tables.
- iv. The report must be structured in the following manner:
  - a. *Title Page*: Title including your Student ID for independent work and Group # and all Student IDs for group work.
  - b. *Abstract/Executive Summary*: a short paragraph giving summary of the report. Include a clear statement of objectives.
  - c. *Main Text*: Review the assigned material and answer the question(s) posed. Interpret these based on the stated objective in a clear and concise fashion. Organize the main text using appropriate headings. You must also build on the literature and use appropriate references. It is EXPECTED that the material(s) provided or assigned for reading and review will be supplemented by additional peer-reviewed literature and citations.
  - d. *References*: all primary sources must be identified following the format in the next section on using copyrighted material.

**Assignment Submissions:** All assignments **MUST** be **complete** and **MUST open** to be considered finished. We can accept MS Word documents or PDFs.

### 5. Team Project – Wildlife Management Plan

Each team will identify a wildlife issue and develop a wildlife management plan that:

- a. highlights the background and historical development of the issue,
- b. identifies appropriate objectives and methods for investigation of the issue,
- c. summarizes results and conclusions of the investigation, and
- d. provides recommendations to provincial and other agencies for enhancing wildlife management initiatives as related to the issue.

The project will be marked based on three group oral presentations in class and a final report submitted on UM Learn. The structure of the final report is different than the assignments. The report is to be a wildlife management plan and must conform to a published wildlife management plan. See the following for details:

[http://www.clemson.edu/extension/natural\\_resources/wildlife/publications/fs1\\_developing\\_wildlife\\_management\\_plan.html](http://www.clemson.edu/extension/natural_resources/wildlife/publications/fs1_developing_wildlife_management_plan.html)

It is recommended that presentations should be uploaded on D2L well before the start of class on the day of presentation. Oral presentations should be submitted in PowerPoint or PDF format. If you use Prezi, have your presentation on a USB stick, or plan to use your own computer for the presentation please confirm with the instructors before class.

## 6. Grade Distribution Scale

A+	>= 90%
A	80 – 89%
B+	75 - 79%
B	70 - 74%
C+	65 – 69%
C	60 – 64 %
D	50 - 59%
F	<= 49%

## 7. Academic Regulations and Expectations

**Last VW date:** Nov. 18, 2016 for withdrawal without academic penalty.

**Attendance:** The course will run from Sept. 12 to Dec. 5, 2016 and will be worth 3 credit hours. Attendance over this period is expected of all students enrolled in this course. Please note the following penalty: a student may be debarred from class, laboratories, and examinations by action of the dean/director for persistent non-attendance.

**Plagiarism:** Plagiarism, cheating or impersonation in the completion of assignments, and at examinations, are very serious offences. Students caught plagiarizing on assignments may be debarred from class with further risk of academic penalty and possible expulsion. All graded work must be independent.

**Using Copyrighted Material:** Please respect copyright. We will use copyrighted content in this course. We have ensured that the content we use is appropriately acknowledged and is copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created by us, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University's Copyright Office website at <http://umanitoba.ca/copyright/> or contact [um\\_copyright@umanitoba.ca](mailto:um_copyright@umanitoba.ca). Citation of copyrighted or any source materials in written assignments for this course should use the APA reference style or CSE as outlined in:

American Psychological Association. (2009). *Publication manual of the American Psychological Association* (6th ed.). Washington, DC.

Council of Science Editors. Style Manual Committee. (2006). *Scientific style and format : The CSE manual for authors, editors, and publishers* (7th ed.). Reston, VA: Council of Science Editors in cooperation with the Rockefeller University Press.

**Late submission Policy for Assignments, Reports and Presentations:** Late submissions will be awarded an automatic “F” without permission of the instructor and supporting documentation (e.g. medical certificate) or reasons provided. Failure to hand-in one or more assignments/reports will result in a grade of “F” for the course.

## 8. Academic Supports

The University of Manitoba provides many services and supports to encourage good scholarship and overall health and wellness including: instruction to improve writing skills, best use practices for copyrighted materials, and supports for studying for examinations etc., personal health (both mental and physical) including: student advocacy, student counseling and health services, etc. and supports for assaults (both verbal and physical). These are designed to make each student's experience positive, safe and assist in successful completion of courses and programs of study. The University provides and encourages all members and students to maintain a respectful work and learning environment. Policies have been developed regarding threatening behavior, or assaults whether verbal or physical to support victims and discipline offenders. For more information on these see Schedule "A".

## Section (a) Academic Supports

**Writing and Learning Support:** The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at:

<http://umanitoba.ca/student/academiclearning/>

You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

### University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian (if they weren’t recently fired by Central Administration) can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating

appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject:

<http://bit.ly/WcEbA1> or name:  
<http://bit.ly/1tJ0bB4>.

In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: <http://bit.ly/1sXe6RA>. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage:

[www.umanitoba.ca/libraries](http://www.umanitoba.ca/libraries)

## Section (b) Mental Health

**For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.**

**Student Counselling Centre:** Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. *Student Counselling Centre:*

<http://umanitoba.ca/student/counselling/>  
474 University Centre  
S207 Medical Services  
(204) 474-8592

**Student Support Case Management:** Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation,

educational workshops, and referral to the STATIS threat assessment team.

*Student Support Intake Assistant*

<http://umanitoba.ca/student/case-manager/index.html>

520 University Centre

(204) 474-7423

**University Health Service:** Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

*University Health Service*

<http://umanitoba.ca/student/health/>

104 University Centre, Fort Garry Campus

(204) 474-8411 (Business hours or after hours/urgent calls)

**Health and Wellness:** Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

*Health and Wellness Educator*

<http://umanitoba.ca/student/health-wellness/welcome.html>

[Katie.Kutryk@umanitoba.ca](mailto:Katie.Kutryk@umanitoba.ca)

469 University Centre

(204) 295-9032

**Live Well @ UofM:** For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:

<http://umanitoba.ca/student/livewell/index.html>

## Section (c) Copyright Information

All students are required to respect copyright as per Canada's *Copyright Act*. Staff and students

play a key role in the University's copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community. For more information:

<http://umanitoba.ca/copyright>

## Section (d) Rights and Responsibilities

**Your rights and responsibilities:** As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The [Academic Calendar](#)

<http://umanitoba.ca/student/records/academiccalendar.html> is one important source of information. View the sections *University Policies and Procedures* and *General Academic Regulations*.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final **grade appeals**. Note that you have the right to access your final examination scripts. See the Registrar's Office website for more information including appeal deadline dates and the appeal form:

<http://umanitoba.ca/registrar/>

- You are expected to view the General Academic Regulation section within the



Academic Calendar and specifically read the **Academic Integrity** regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support <http://umanitoba.ca/academicintegrity/> View the **Student Academic Misconduct** procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior are included in the next section.

## Section (e) Policies and Services Information

### Respectful Work and Learning Environment

[http://umanitoba.ca/admin/governance/governin\\_g\\_documents/community/230.html](http://umanitoba.ca/admin/governance/governin_g_documents/community/230.html)

### Student Discipline

[http://umanitoba.ca/admin/governance/governin\\_g\\_documents/students/student\\_discipline.html](http://umanitoba.ca/admin/governance/governin_g_documents/students/student_discipline.html) and,

### Violent or Threatening Behaviour

[http://umanitoba.ca/admin/governance/governin\\_g\\_documents/community/669.html](http://umanitoba.ca/admin/governance/governin_g_documents/community/669.html)

- If you experience **Sexual Assault** or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The **Sexual Assault** policy may be found at: [http://umanitoba.ca/admin/governance/governing\\_documents/community/230.html](http://umanitoba.ca/admin/governance/governing_documents/community/230.html) More information and resources can be found by

reviewing the Sexual Assault site <http://umanitoba.ca/student/sexual-assault/>

## Intellectual Property

- For information about rights and responsibilities regarding **Intellectual Property** view the policy:

[http://umanitoba.ca/admin/governance/media/Intellectual\\_Property\\_Policy\\_-\\_2013\\_10\\_01.pdf](http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf)

## Department Policies

For information on regulations that are specific to Environment and Geography, read the section in the Academic Calendar for the Department and on:

<http://umanitoba.ca/faculties/environment/departments/geography/index.html>

Contact an **Academic Advisor** within our faculty/college or school for questions about your academic program and regulations <http://umanitoba.ca/academic-advisors/>

## Student Advocacy

Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

<http://umanitoba.ca/student/advocacy/>  
520 University Centre  
204 474 7423  
[student\\_advocacy@umanitoba.ca](mailto:student_advocacy@umanitoba.ca)