

**Syllabus:**  
**WILD 275 – WILDLIFE CONSERVATION**  
**Spring 2016 – 2 Credits**

**Instructor information**

**Instructor:** Dr. Cynthia Hartway

**Email:** [cynthia.hartway@umontana.edu](mailto:cynthia.hartway@umontana.edu)

**Office Hours:** 12:00-2:00 Thurs (or by appointment), Forestry 318

**Teaching Assistant:** Danielle Fagre

**Email:** [danielle.fagre@umontana.edu](mailto:danielle.fagre@umontana.edu)

**Office hours:** TBA

**Lecture time**

10:10 – 11:00 AM Tuesday and Thursday in Social Sciences, room 352.

**Course Description**

Wildlife conservation requires an understanding of ecological processes influencing wildlife dynamics, the human processes that directly and indirectly influence ecological processes, and the mechanisms by which we can achieve conservation through manipulation of both ecological and human processes. This course will introduce the topics relevant to contemporary wildlife conservation while providing a historical context for the development of current approaches to wildlife management and conservation. This course is designed to provide students with a broad overview of specific topics relevant to wildlife conservation, particularly for students in fields of study other than wildlife biology.

**Textbook**

“The Science of Conservation: Balancing the Needs of People and Nature” (2<sup>nd</sup> Edition).

Reading assignments from the textbook are given in the outline below in brackets.

Additional readings will be assigned throughout the semester. These readings will be made available on the course website.

**Website**

We will be using Moodle through UMOOnline as our course website. Once you are registered for the course, you can login using your NetID at [UMOOnline](#) to access lecture materials, additional readings, and other course documents.

**WILD 275 Spring 2016 Course Outline**

<b><u>DATES</u></b>	<b><u>TOPICS</u></b>
Jan 26	Introduction & Course Overview
Jan 28	The Extinction Crisis [Chapter 1]
Feb 2	Species Concepts & Extinction [Chapter 2]
Feb 4	Species Interactions, Communities & Ecosystems
Feb 9	Trophic Cascades & Biodiversity
Feb 11	Ecosystem Services [Chapter 3]
Feb 16	Historical Overview of Conservation part 1 [Chapter 4]
Feb 18	Historical Overview of Conservation part 2 [Chapter 4]
Feb 23	The Science of Conservation [Chapter 9]
Feb 25	Estimating Abundance [Chapter 8: pp. 181-190]
Mar 1	<b>Exam 1</b>
Mar 3	Estimating Population Trend [Chapter 8: pp. 191-196]
Mar 8	Demography [Chapter 8: pp. 196-205]
Mar 10	Predator-Prey Dynamics
Mar 15	Predator-Prey Dynamics and Harvest
Mar 17	The Perils of Small Populations [Chapter 7]
Mar 22	Habitat Fragmentation & Island Biogeography [Chapter 10: pp. 241-258]
Mar 24	Habitat Fragmentation & Corridors [Chapter 10: pp. 258-263]
Mar 29	Introduced Species [Chapter 17]
Mar 31	<b>Exam 2</b>
Apr 5	<b>SPRING BREAK, No class</b>
Apr 7	<b>SPRING BREAK, No class</b>
Apr 12	Introduced Species [Chapter 17]
Apr 14	Climate Change [Chapter 18]
Apr 19	Overexploitation
Apr 21	Conservation Strategies [Chapter 5]

Apr 26	Conservation Strategies [Chapter 6]
Apr 28	Restoration [Chapter 11: pp. 273-280]
May 3	Guest Lecture: Danielle Fagre
May 5	TBA

**Final exam is scheduled for Thursday, May 12, 8:00 – 10:00 am, Room SS 352**

*Note: Final exam times are the student's responsibility to confirm and conflicts need to be taken into account during registration. If you have a conflict, it is your responsibility to change your course schedule or talk to me immediately.*

### Grading

Course grades will be based on weekly homework assignments, 2 mid-term exams, and the final exam.

Assignment	Percent of Course Grade
Assignments	25%
Midterm exam I	25%
Midterm exam II	25%
Final Exam	25%
<b>Total</b>	<b>100%</b>

### Assignments

We will be assigning homework on a weekly basis. Assignments will primarily be in the form of short exercises or essays.

### Late assignments

Grades for assignments turned in after the date they are due will be decreased by 10% for each day late.

### Exams

Exams may consist of multiple choices, true-false, short answer and short essay questions. Course material from both lectures and readings will be covered in exams. The midterm exams will cover all course content up to the class prior, and the final exam will cover the entire course, though material from the last third will be emphasized.

### Course Policies:

#### Attendance Policy:

Attendance will not be recorded. Students are individually responsible for all information presented in lectures, guest lectures, and readings.

#### Exam Policy:

Time for exams will be allotted as the regular course time, 10:10-11:00AM. Use of cell phones, mobile phones or smart phones will not be allowed. Make-up exams will be scheduled only for valid excused absence. Make

up exams will be essay format and students will have 1 week following return to school to schedule exams – this will be your responsibility.

**Academic Dishonesty:**

Trust between student and instructor is of paramount importance in academic settings. Academic dishonesty will not be tolerated in the classroom, and students found cheating will be punished to the full extent that University policy permits.

UM Academic Policies can be found here: [Academic Policies and Procedures](#)

**Students with Disabilities:**

The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and [Disability Services for Students](#) (DSS). If you think you may have a disability adversely affecting your academic performance, and you have not already registered with DSS, please contact DSS in Lommason 154 or 406 243 2243. I will work with you and DSS to provide an appropriate modification.

**Dropping/Adding:**

After registering and through the **first seven (7) instructional days of the semester**, students may use [Cyberbear](#) add courses or change sections and credits; through the **first fifteen (15) instructional days of the semester**, students may use [Cyberbear](#) to drop courses. Fees are reassessed on the sixteenth day of the term. Added courses and credits may result in additional fees. For courses dropped by the fifteenth instructional day, no fees are charged and courses are not recorded. (For deadlines and refund policy for withdrawal from all courses, see the Withdrawal sections of this catalog.)

After adding a course, the credit/no credit grading option or auditor status may be elected on the internet or on a form available at the Registration Counter in Griz Central in the Lommason Center. These options are not allowed for some courses as identified in the Class Schedule. Change of grading option to audit is not allowed after the 15 instructional day.

**Beginning the sixteenth (16) instructional day of the semester through the forty-fifth (45) instructional day**, students use paper forms to drop, add and make changes of section, grading option, or credit. The drop/add form must be signed by the instructor of the course and the student's advisor. The signed drop/add form must be returned to the Registration Counter (or the Registrar's Office at Missoula College) no later than the **forty-fifth** instructional day. A \$10.00 processing fee is charged for each drop/add form. Added courses and credits may result in additional fees. There are no refunds or reductions of fees for courses dropped and grades of W (withdrew) are recorded.

**Beginning the forty-sixth (46) instructional day of the semester through the last day of instruction before scheduled final examinations, students must petition to drop.** The petition form must be signed by the instructor of the course and the student's advisor and, the dean of the student's major. A \$10.00 processing fee is charged for each petition. There are no refunds or reductions of fees for courses dropped, and the instructor assigns a grade of WP (withdrew/passing) if the student's course work has been passing or a WF (withdrew/failing) if the course work has been failing. These grades do not affect grade averages but they are recorded on students' transcripts.

Documented justification is required for dropping courses by petition. Some examples of documented circumstances that may merit approval are: accident or illness, family emergency, or other circumstances beyond the student's control.

The opportunity to drop a course for the current term for such a course ends on the last day of instruction before scheduled final exams. Dropping a course taken in a previous term or altering grading option or audit

status for such a course is not allowed. The only exceptions are for students who have received a grade of NF (never attended).

Date range	Description	Dates
To 15 <sup>th</sup> instructional day	Students can drop classes on Cyberbear with refund	February 12
16 <sup>th</sup> to 45 <sup>th</sup> instructional day	Drop requires form with instructor and advisor signature, a \$10 fee from registrar's office, student will receive a 'W' on transcript, no refund.	February 13 through March 28
Beginning 46 <sup>th</sup> instructional day	Students are only allowed to drop a class under very limited and unusual circumstances. Not doing well in the class, deciding you are concerned about how the class grade might affect your GPA, deciding you did not want to take the class after all, and similar reasons are not among those limited and unusual circumstances. If you want to drop the class for these sorts of reasons, make sure you do so by the end of the 45 <sup>th</sup> instructional day of the semester.	March 29

It is your responsibility to know the exact registrar dates here: [Official Dates and Deadlines for Spring Semester 2016](#).

**Other Codes of Conduct:**

All students need to be familiar with the [Student Conduct Code](#).