Course policies:
- Students are expected to attend all classes.
- I expect students to work independently on class assignments.
- Please silence your cell phones in class.

Lecture topics:

- Taxonomy and distribution
- Behavior
- Population dynamics
- Population regulation & carrying capacity
- Predation
- Census techniques and harvest management
- Nutritional ecology, competition and facilitation in herbivore communities
- Sexual segregation
- Game ranching
- Trophy hunting
- Others?

Lecture schedule: TBD

Academic dishonesty: The UAF Student Code of Conduct is presented online at www.uaf.edu/catalog/catalog_08-09/academics/regs3.html#Student Conduct and in the 2008-09 UAF Catalog. You will be expected to abide by that code. No collaboration among students will be allowed on exams and quizzes. Collaboration on projects will be permitted only to the extent I describe. Copying or paraphrasing another student’s writing is a violation of the Student Code. Copying or paraphrasing published material without proper attribution is plagiarism and is a serious academic offense. If you are unsure what constitutes plagiarism, see the following web page or see me.

http://library.uaf.edu/ls101-plagiarism

Evidence of academic dishonesty will be presented to the UAF Director of Judicial Services and may result in an F for the course and/or expulsion from the University.

Disabilities: If you have a learning disability, please inform me before the end of the second week of class. If you have not already contacted the UAF Center for Health and Counseling (474-7043; TTY 474-7045) to document your disability, please do so at your earliest opportunity. They will work with me to provide reasonable and appropriate accommodations.
**Course goals:** Students will develop an understanding of ecological principles and management considerations pertaining to large mammals, develop competency in interpreting and communicating research findings to peers and lay audiences, and enhance skills in communication and critical thinking.

**Instructional methods:** Course material will be presented via lectures, supplemented with guest speakers, student presentations and group discussions. Powerpoints will be posted on Blackboard shortly after they are presented in class.

**Exams:** There will be 2 mid-term exams and a final exam. The mid-term exams will not be comprehensive but the final may be. The exams will consist primarily of essay questions requiring synthesis of ideas and critical thinking. The final exam is scheduled for Friday, December 14th from 10:15—12:15 in 201 Irving.

**Supplemental Readings:** Readings from the primary literature will be assigned throughout the semester and will be discussed in class, approximately one paper per week. I will lead some discussions and students will lead some. Students leading discussions will be assigned a paper to review and will critically examine the paper and its findings. Alternatively, students can review a paper of their choosing as long as I approve it in advance. Students will supply me with a PDF copy of their chosen paper to post on Blackboard a minimum of 1 week before the paper will be discussed in class. All other students will read the paper in advance of class and will come to class with 2 discussion questions typed out on paper. Each student will ask at least one of those questions during the discussion and the person leading the discussion will address it. Questions will be handed in at the end of class for credit. The student making the presentation will be graded on the completeness and quality of their presentation and their ability to answer questions. Questioners will be judged by the quality of their questions.

**Grading:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm exam I</td>
<td>25%</td>
</tr>
<tr>
<td>Midterm exam II</td>
<td>25%</td>
</tr>
<tr>
<td>Final exam</td>
<td>25%</td>
</tr>
<tr>
<td>Discussions</td>
<td>20%</td>
</tr>
<tr>
<td>Class participation</td>
<td>5%</td>
</tr>
</tbody>
</table>

**Grading scheme (+/- grading will not be used):**

- **A**  $\geq$90%
- **B**  80-89%
- **C**  70-79%
- **D**  60-69%
- **F**  $<$60%
Syllabus

WLF 421
Ecology and Management of Large Mammals
3 credits – Fall 2012

Instructor: Kris Hundertmark
Office: 412 Irving I
Office hours: Open, except before class
Office phone: 474-7159
Email: kris.hundertmark@alaska.edu

Supplemental text:

Other helpful texts:


A couple of dated yet still highly relevant books:


Course description: Identification, taxonomy, distribution, life history and ecology of North American large mammals. Exploration of roles of reproduction, predation, nutrition, habitat alteration, and competition in population dynamics of large mammals, and management practices designed for conservation of habitats and populations. Prerequisites: BIOL 271, WLF 322.