

Survey of Montana Wildlife & Habitats

BIOO 101N Section 51, CRN 75270, 3 credits

Instructor: Craig Stafford

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Office: Health Sciences 111

Office Hours: Tuesday 1-3 pm & Wednesday 10-12 am, or by appointment

Course Outcomes

- Learn the natural history of Montana's prominent vertebrates
- Use these animals to understand fundamental concepts in animal ecology, physiology, evolution, and conservation

Course Approach

The course will cover some of the more commonly observed species in each of five vertebrate groups (mammals, fishes, reptiles, amphibians, and birds) and one invertebrate group (aquatic insects). The focus, however, will be on mammals (about 50% of materials). There will be a few guest speakers during the course. The guest lectures and interviews will provide a bit of review and introduce some more detailed research and/or management material on selected species or issues.

Texts & Web Resources

- Mammals of Montana, 2012, 2nd Edition, by Kerry Foresman

I do *not* recommend the 1st edition for this class.

- Amphibians and Reptiles of Montana, 2004, First Edition, by Werner, Maxell, Hendricks, and Flath

I recommend this book, but it is out of print and not required.

- <http://fieldguide.mt.gov/>

If you do not get the Amphibians etc. book, this is an especially important resource.

Grades

Your grade will be based on two tests, four quizzes, and approximately six written assignments. Quizzes will be given online and their primary use is helping you with test preparation. The two tests are non-cumulative and will be given on campus (i.e. they must be taken in person). If you are not in western Montana, contact me for alternative testing arrangements. Make up tests will only be provided for approved and documented (in writing) circumstances (doctors notes, university sanctioned events which require attendance like games for athletes, etc). You should always talk to me *before* you miss a test if at all possible. It is entirely up to you to provide the necessary written documentation for me to verify your test absence was legitimate.

-Exams will be on the weeks of October 17 & December 5; day, time, and location TBA

-Grades: 2 tests @25%=50%; 4 quizzes @3%=12%; 6 assignments @varied%=38%

Course Materials Format

The topics for each week are posted in the schedule file. Course materials will be placed in the appropriate topic # (i.e. week). These materials will include lectures, guest lectures/interviews, readings, videos by others, assignments, and quizzes.

Drops, Adds, Other Academic and Disabilities Information

Drop/Add Policy: www.umt.edu/registrar/students/dropadd.php

Dates and Deadlines: www.umt.edu/registrar/PDF/Autumn2016OfficialDatesandDeadlines.pdf

Registration Deadlines Chart: www.umt.edu/registrar/PDF/Autumn2016RegistrationDeadlinesChart.pdf

Student Conduct Code: www.umt.edu/vpsa/policies/student_conduct.php

Disabilities Information: www.umt.edu/dss/