

Biology 1441-Principles of Biology II

Fall 2008

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Lecture: TR 9:25-10:40 am Lewis Science Center Room 100
Labs: TR 10:50-1:30, W 9:00-11:50 am, R 2:40-5:20 Lewis Science Center 127

Prerequisite: C or better in 1440, Principles of Biology I

Text: Raven, P.H. et al. 2008. Biology 8th edition, McGraw Hill, New York.

Course objectives:

1. To introduce students to the fundamentals of evolutionary biology, taxonomy and diversity, anatomy and physiology, and ecology.
2. To use the scientific method to ask and answer research questions and to expand students' communication skills, familiarity with the scientific process, and to access and use primary research articles.
3. To acquaint students with the local flora and fauna of Arkansas.
4. Develop skills to guide you in future scientific studies.

Grading:

Lecture: 2/3 of final grade
3 Lecture exams: 300 pts
Comprehensive final exam: 100 pts
4 Research summaries: 4 @ 25 pts a piece
Total: 500
Laboratories: 1/3 of final grade

Office hours: Room 019, LSC, Monday and Wednesday 2-5 pm, and by appointment.
Please stop by if you have questions about lectures, labs, or reading assignments. I encourage questions in and outside of class.

Attendance Policy: All students are expected to attend lectures and examinations. A written statement from a doctor or other official excuse will be necessary to make-up any missed laboratories or lecture examinations. 3 missed labs will result in a W.F.

Academic Integrity: All students are to complete their own work, however, discussion is encouraged. Please refer to the Student Handbook if you have questions regarding academic integrity. Students who violate these guidelines are typically dismissed from the class with a W.F.

Students with disabilities: If you need accommodation please see me or contact UCA Office of disability services at 450-6313 at the start of the semester.