

## CLASS SYLLABUS

BIOL 5300 ECOLOGY Spring 2011

CLASS TIME: Lecture: MWF 10:00-10:50 a.m.  
Lab: Section A: R 9:30 a.m. 12:20 p.m.

INSTRUCTOR: Dr. Colleen McDonough  
OFFICE HOURS: M 11:00-12:00, T 10 11 a.m. or by appt.  
OFFICE: 2086 Bailey Science Center  
PHONE: 333-5759 (main office), 333-5764 (my office)  
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<sup>th</sup> Edition, by Charles J. Krebs

COURSE OBJECTIVES: The objectives of the course are to

- examine biological principles at the organismal, population, community, and ecosystem levels of organization.
  - cover evolutionary and physiological processes that affect abundance and distribution of organisms
  - examine intraspecific and interspecific relationships such as competition and predation.
  - properties of communities and ecosystems such as energy flow and nutrient cycles.
- Throughout the course
- quantitative models are used to identify important variables and
  - principles of conservation are incorporated throughout

### Standards

VSU General Education Outcomes on webpage:

(<http://www.valdosta.edu/academic/VSUGeneralEducationOutcomes.shtml>) This course meets outcomes 3., 4., 5. and 7.

Department of Biology Educational Outcomes: acquiring breadth of knowledge in organismal biology and evolution and ecology, a knowledge base to develop research questions, and the ability to properly analyze and resolve research questions through use of scientific method.

### PREREQUISITES

**ATTENDANCE POLICY:** You must attend all the laboratories of this course or not receive points from those labs. If you miss lab, it is equivalent to missing an entire week of class. You may be able to make up labs in other sections with permission. Labs are held Thursday and Friday only, so you need to take care. If sick, you need a doctors excuse and see me as soon as possible after the missed lab. **IF HAVE PROBLEMS ON THURSDAY, TALK TO ME ON FRIDAY. IF PROBLEMS ON FRIDAY, TALK TO ME ON MONDAY. DO NOT WAIT TO TALK TO ME IN LABORATORY ABOUT MISSING LAB CLASS THE PAST WEEK.**

I have no strict attendance policy for lecture. If you miss, you need to get the notes from are a poor substitute for sitting in class yourself. They will not be equivalent to hearing and writing the material yourself. Periodically, I will take attendance although it will not be counted against you if you do not attend lecture.







LABORATORY SCHEDULE- Due to the unpredictability of living things, this list always changes.

Date

Jan 13-14      Lab meeting, start statistics and graphics    on campus