BIOL 208 – POPULATION AND COMMUNITY BIOLOGY

Lectures: MWF 9:00 AM (Dr. Abrahamson), 10:00 AM (Dr. McTammany), 1:00 PM (Dr. Jordan)

Laboratories: MTW 2:00-4:52 PM, BIOL 108 & BIOL 110

Instructors:
Dr. Warren G. Abrahamson, 309 Biology, 577-1155, abrahmsn@bucknell.edu
Dr. Stephen D. Jordan, 310 Biology, 577-1254, sjordan@bucknell.edu
Dr. Matthew E. McTammany, 311 Biology, 577-3975, mmctamma@bucknell.edu

Course Objectives:
• To explore the central theories and principles in evolution, systematics, and ecology, and to survey the evidence that supports them.
• To explore evolutionary and ecological theories and principles from multiple perspectives – plant and animal, theoretical and applied, physiological and behavioral, population and ecosystem.
• To present perspectives on the natural and human-fabricated worlds.
• To survey the effects that humans have on the composition, structure, and functioning of ecosystems.

Expectations:
Class attendance for every lecture and laboratory is expected as is stated in the Bucknell University Student Handbook. Each student should be prepared for lecture and laboratory by reading the assigned materials before class. Failure to adequately prepare for class will adversely affect students’ performance in the course.

Academic-honesty Policy:
We expect that every student has read and understood Bucknell’s academic-honesty policy, and also the technological-use policy. We expect strict adherence to both of these policies. Each student will need to carefully prepare assignments, laboratory reports, and debate materials with these issues in mind. If there are any questions throughout the semester, please ask one of the instructors BEFORE any assignment is submitted.

Grading:
Laboratory – Reports, Debate Presentation 30%
Quizzes 5%
First-hour Examination 20%
Second-hour Examination 20%
Final Examination 25%

Assigned Readings: