

Instructor: Dr. Meghan Duffy, e-mail: duffy@gatech.edu

Course Time and Location: Tuesday and Thursday 1:30-3:00 PM, location TBD

Course Objectives:

- 1) Understand ecological and evolutionary processes occurring at the population level, including:
 - a. the causes and consequences of variation in populations
 - b. the factors influencing the dynamics of single species populations
 - c. interspecific interactions

- 2) Provide opportunities to practice science, including:
 - a. critical evaluation of primary literature
 - b. identifying interesting questions and forming testable hypotheses
 - c. oral and written communication skills
 - d. working in groups

Prerequisites: BIOL 1510 (Introductory Biology) or permission of the instructor. BIOL 2335 (General Ecology) is strongly recommended.

Course format:

This course is 3 credit hours, meeting 1.5 hours Tuesday and Thursday each week. The course will involve a mixture of short lectures, student-led discussions of readings from the primary literature, and student presentations.