FALL 2015 COURSE ANNOUNCEMENT

ECOLOGY OF INLAND WATERS (EEOB 5420)

Instructor: Dr. James Bauer
Lecture: Tues/Thurs 11:10AM-12:30PM
Lab: Wed 12:45-3:45PM 4 credits

Offered as a full-semester 14-week course in Fall 2015, this course explores the following key themes: the ecology, physics and chemistry of lakes, wetlands, streams and rivers; the interactions between terrestrial and freshwater ecosystems; the balance between autotrophic and heterotrophic processes in inland waters; the responses of these systems to current and future human impacts; and climate change.

Lectures emphasize an interdisciplinary approach and will include discussions of papers from the primary literature.

Labs include analysis of aquatic datasets, plankton identification, nutrient analyses, use of OSU aquatic plant and animal collections, and a 3-day field trip to OSU’s Stone Laboratory for students to gain experience in aquatic field sampling and analysis techniques.

For additional information on the course, please contact Dr. Jim Bauer at bauer.362@osu.edu