

# NEW GRADUATE COURSE

## *Foundations of Evolution and Ecology*

### ZOOL 780 & 781

Instructors: Floyd Reed, Amber Wright & Bob Thomson

Foundations of Evolution and Ecology is a new two-semester graduate core course that will be offered next fall (Zool 780) and spring (Zool 781). The course is a graduate level introduction to evolution and ecology emphasizing foundational literature, quantitative models and model-based inference, and major questions in evolution and ecology. Example topics include population and evolutionary genetics, population and community ecology, and phylogenetic and comparative methods.

Course format will comprise two weekly lectures, a discussion section, a weekly peer-learning session, as well as outside-of-class reading and projects focusing on student's research ideas. The two-semester series is worth a total of 8 credits (4 credits/semester) and fulfills both the Evolution and Ecology course requirements of the EECB program. Enrollment is open to zoology graduate students or graduate students in other programs (with instructor approval). Students must enroll for both semesters. For more information contact: [thomsonr@hawaii.edu](mailto:thomsonr@hawaii.edu); [floydre@hawaii.edu](mailto:floydre@hawaii.edu); and/or [anwright@hawaii.edu](mailto:anwright@hawaii.edu).

Meeting times: MWF 1:30-2:20 (Lecture & Discussion) and R 3:00-4:45 (Peer Learning)