

Topics in Behavioural Ecology

Credit: 2

Lecturer: Michal Segoli

Level: Graduate

Prerequisite: basic course in ecology or animal behavior

Course description: Behavioral ecology is a pivotal study field that explores how animal behavior is adapted to its environment. This discipline integrates principles from biology, ecology, and evolution to understand the adaptive value of behavioral strategies such as foraging, mating, movement, and sociality. This understanding is crucial for addressing conservation challenges, managing wildlife, and understanding the diverse behaviors of animals in natural, agricultural, and urban environments.

Course assignments: oral presentation of a paper and a written critique.

Course structure: One or more topics in behavioral ecology will be discussed through reading original research papers and topical reviews. Students will present critiques of these papers and lead discussions.

The topic for the coming academic year will be: Animal Behavior in Agroecosystems.

Course assignments: oral presentation of a paper and a written critique.