

# Bio 128- Introduction to Evolution, Ecology, and Biodiversity

Summer 1 2019



**Overview:** Can we make an insecticide evolution-proof to control mosquito-borne illnesses? How will climate change alter the Massachusetts landscape? How does biodiversity affect the health of animals, plants, and people and ecosystems? In this course, we will explore these and other key questions in the study of ecology, evolution, and biodiversity.

**Course Format:** This course covers the same set of content and skills as Bio 128 taught in fall and spring semesters. The lecture portion of the class is online. However, we will meet T and Th in SCI 219 in order for you to gain the same hands-on practical skills- field identification and sampling, microscopy, spectrophotometry, data analysis- as 128 taught in Spring semester. This course satisfies requirements for Westfield's biology and environmental science majors, rather than the science core requirement.

**Materials Needed:** We will use the online OpenStax Biology textbook. You will need only an internet-connected computer.