BIOL 598-03  

Course Title: SS: Eco-Evo Effects of Environmental Change  
Instructor: DR. ASHLEY ROBART

**Course Description:**

**Objectives:**
- To survey topics related to the ecological, evolutionary, and behavioral responses to environmental change
- To develop an understanding of the current state of the field and insight into current gaps and future directions of research
- To become familiar with research approaches used to study eco-evo effects of environmental change
- To develop an ability to interpret and evaluate the primary literature

**Content:**
This course will survey the ecological, evolutionary, and behavioral impacts of environmental change. We will examine a diverse range of environmental perturbations, including urban light and noise pollution, ocean acidification, climate change, and disease dynamics. Effects on predator-prey interactions, sociality, biodiversity, and reproduction will be discussed.

**Prerequisites/Recommended Background:**
- Upper-division Biology standing

**Required Texts/References:**
- Original literature

**Course Work/Expectations:**
- Participation in one 2-hour meeting per week
- Library research and oral presentations
- Research paper

**Comments:**