

**Behavior and Ecology of Fishes (SIO 295) - Spring Quarter 2017**

4 units, combined lecture and seminar (student presentations)

Grading option: S/U

Meeting: Tues/Thurs, 12:00-1:50; VH 300

Instructor: Phil Hastings, [phastings@ucsd.edu](mailto:phastings@ucsd.edu); 822-2913

Office: VH 201; Office hours: by appointment

This class will review recent literature on the behavior and ecology of fishes with emphasis on phylogenetic interpretations of character evolution and/or implications for conservation biology. The class will be a mixture of lectures on the background of a topic and student presentations of recent literature. Student presenters will assign readings, prepare a brief handout on the topic and lead discussions. Topics to be covered are open and may include habitat selection, migrations, sensory biology, foraging strategies, reproductive biology, ontogeny of behavior, speciation, human effects on behavior, and specialized behaviors.