



OREGON STATE UNIVERSITY

FALL TERM 2023

September 27 - December 8, 2023

# Fishery Biology

FW 454 / 554, 4 CREDITS

Section 001: CRN 12022 / Section 800: CRN 18046

MWF 9:00 AM - 10:00 AM, F 10:00 AM - 12:00 PM

**Course Description:** Fisheries and Wildlife 454/554 is a four credit course designed to cover many of the facets of the biology of fishes relevant to the management of fish stocks. The primary focus is on the types of data necessary to conduct a biological assessment of fish populations, other aspects of fish life history relevant to management, and on an understanding of the importance of habitat and ecosystem interactions for sustainability in fisheries. Domestic, commercially-exploited stocks are mostly marine in nature, while inland fisheries are primarily recreational in nature, so there will be an emphasis on saltwater species. However, we will also discuss freshwater species, and knowledge gained and skills learned can apply regardless of the system. At the end of the course, you should have knowledge fish biology relevant to management, concepts of data collection and population assessment, habitat identification and assessment, and management strategies used to create sustainable fisheries. This is a Writing Intensive Course (WIC) and as such there are several writing assignments associated with this class as well.

**Prerequisites:** FW 315, FW320

**Additional Information:** This class is taught in both Corvallis and Newport at the HMSC. Two field trips, can be at HMSC or main campus M/W; labs together first four weeks of term.

**Instructor:** Scott Heppell

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