

COMPETENCY PROFILE

FISH AND SHELLFISH BIOLOGY

BTC: FISH 146 (36 clock hours/3 credits)

Students will study the biology of fish and shellfish, which includes the basics of respiration, organs and life cycles.



- Explain what responsible fish culture is and how it can be improved.
- Describe how enhancement programs can be evaluated.
- Identify some successful enhancement programs in our area.
- Explain why we take scale samples and what this information tells us.
- Identify fins and basic organs of fish.
- Identify species of shellfish by shells.
- Identify basic organs of shellfish.
- Describe the life cycles of local cultured or production fish and shellfish (clams, oysters, mussels).
- Dissect and identify the various organs and their functions of the assigned fish and shellfish.

College Textbook:

 Intro to Shellfish Aquaculture

 Trout and Salmon Culture

 Field Book of Pacific NW Sea Creatures

This document is to certify that this student has completed the required coursework as defined by the Whatcom County Tech Prep Articulation Agreement and has demonstrated mastery for college credit. Further information about any aspect of this program may be obtained by contacting the school and instructor named on this profile.