

STREAM STEWARDS SYLLABUS



Clallam/Jefferson County
WASHINGTON STATE UNIVERSITY
EXTENSION

Week 1: Salmon Lifecycle and Habitat

March 5, 2025

Location: WSU Classroom (121 Oak Bay Road, Port Hadlock)

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| 9:00 am - 9:30 am | Class Overview, SS Program mission, and attendee introductions | Nate Roberts (NOSC) |
| 9:30 am - 10:00 am | Pacific Salmon 101: Lifecycle, Habitats, Threats, Significance | Nate Roberts (NOSC) |
| 10:00 am - 10:45 am | Salmon Biology (Salmon Creek) | Casey Sloth (WDFW) |
| 10:45 am - 11:15 am | Stage 8 Restoration | Kevin Long (NOSC) |
| 11:15 am - 11:30 am | Travel to Snow/Uncas Preserve | |
| 11:30 am - 12:30 pm | Snow Creek Uncas Restoration | Kevin Long (NOSC) |

Week 2 Video: Adjacent/Upland Influence on Streams

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|------------------------------|---------------------------------------|
| Forest Ecology & Stewardship | Matt Provencher (DNR) |
| Agriculture and Water Rights | Joe Holtrop (JCCD) |
| Bringing Back the Light | Film by Redd Fish Restoration Society |

Week 2: Adjacent/Upland Influence on Streams

March 12, 2025

Location: WSU Classroom + Chimacum

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| 9:00 am - 10:00 am | Riparian Buffers 101 | Sierra Young (JCCD) |
| 10:00 am - 11:00 am | Noxious Weed Management in West Jefferson County | Jill Silver (10,000 Years Institute) |
| 11:00 am - 11:15 am | Break and Travel to Chimacum Community Forest | |
| 11:15 am - 12:30 pm | Chimacum Ridge Community Forest Project | Ryen Helzer (JLT) |

Week 3 Video: Stream Ecology/Restoration

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| Hydrologic Cycle | Bob Simmons (WSU) |
| River Ecology | Powell Jones (DRNC) |
| Elwha Dam Removal | Jeff Duda (USGS) |
| Cold Water Connections | Wild Salmon Center |

Week 3: Stream Ecology/Restoration

March 19, 2025

Location: Dungeness River Nature Center, 1943 W Hendrickson Rd, Sequim,

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| 9:00 am - 10:00 am | Dungeness River Riparian Restoration/Winter Twig Identification | Nate Roberts (NOSC) |
| 10:00 am - 11:00 am | Role of Lower Elwha Klallam Tribe in Elwha River Restoration | Justin Stapleton (LEKT) |
| 11:00 am - 11:30 am | Travel to Lower Dungeness Floodplain Project | |
| 11:30 am - 12:30 pm | Tour of Lower Dungeness Floodplain Project | Cathy Lear (Clallam County) |

Week 4 Video: Water Supply & Septic Systems

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| Sequim: Water Supply, Stream & Ground Water Quality | Anne Soule (City of Sequim) |
| Septic Systems 101 | Linda Atkins (Jefferson County) |

Week 4: Water Supply & Septic Systems

March 26, 2025

Location: WSU Classroom + Port Townsend

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| 9:00 am- 9:45 am | Stormwater Management, LID, Rain Gardens | Bob Simmons (WSU-retired) |
| 9:45 am- 10:00 am | Travel to Port Townsend | |
| 10:00 am- 11:00 am | PT Stormwater Treatment and Rain Garden Tour | Bob Simmons (WSU-retired), Jassen Bowman |
| 11:00 am- 11:15 am | Travel to Port Townsend Wastewater Treatment Facility | |
| 11:15 am- 12:30 pm | PT Wastewater Treatment Facility Tour | Bliss Morris (City of PT) |

Week 5 Video: Aquatic Monitoring Tools and NOP Wildlife

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| Aquatic Invertebrates | Jeff Adams |
| Monitoring Lakes for Cyanobacteria | Jen Maucher, Lizbeth Seebacher |
| Gardening for Pollinators in the PNW | Brenda Cunningham, Bob Gillespie |
| Reptiles and Amphibians | Geoff Hammerson |
| Phenology and Nature Journaling | Sharon Pegany |
| iNaturalist | Wendy Feltham |

Week 5: Watershed Restoration: Tarboo Case Study

April 2, 2025

Location: WSU Classroom + Quilcene

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| 9:00 am- 9:30 am | Field Trip Logistics at WSU Classroom | Nate Roberts (NOSC) |
| 9:30 am- 11:30 am | Tarboo Watershed Field Trip | Peter Bahls (NWI) |
| 11:30 am-12:00 pm | Travel back to WSU Classroom | |
| 12:00 pm-12:30 pm | Wrap-up, Volunteer opportunities, Survey | Nate Roberts (NOSC) |