



The Salmon Coast: Forest and resource management for sustainability in Canada

Special Topics in Forestry: Salmon Coast

FOR 499 CRN: TBD Credits: 3

FOR 599 CRN: TBD Credits: 1

Offered: March 2022

Course Instructors:

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Co-leader/TA: TBD

Preliminary syllabus – specific locations on Vancouver Island may be subject to change

Course Description:

Sustainable resource management is ecologically sound, economically viable, and socially acceptable. Across the Pacific Northwest, multiple natural resources are tied together, exemplified by the interconnection between forests and salmon. Forests provide critical reproduction and rearing habitat for salmon; salmon provide a key nutrient input for forests and forest-dependent wildlife. Both are also an integral part of the culture and life of First Nations/Native Tribes; a valuable economic resource to the region; and the supporting ecosystem for multiple market and non-market goods and services. They are also the focus of extensive policy and government investments.

This course explores the complex issues in sustainable resource management through an immersive focus on forest management and salmon conservation policies in western British Columbia, along with a comparative view to Oregon. This course will expose students to multiple perspectives, the historical underpinnings of land tenure related to forest ownership and management, the policies related to salmon conservation, and the cultural issues and trade-offs surrounding sustainable resource management.

During pre- and post-trip meetings and assigned readings, along with a week-long immersive experience on Vancouver Island, students will explore the environment and ecology of temperate rain forests, learn about the ecology and life cycle of pacific salmon, be exposed to the history of Canadian land appropriation and current policies regarding First Nations land tenure and rights regarding key resources, and learn about Canadian forest management and the forest products economy.

Learning Objectives and Expected Outcomes:

Through a week on Vancouver Island, along with pre- and post-trip events, students will be able to:

- ◇ Explain the history of local land tenure and tribal resource policies with respect to a local First Nation tribe
- ◇ Compare forest management practices and the economic role of the industry on Vancouver Island to Oregon
- ◇ Describe the ecology and environment of coastal temperate rainforests and the life cycle and ecology of pacific salmon
- ◇ Synthesize current understanding of the sustainability of forest and salmon management in Vancouver Island across environmental, economic, and social aspects, along with policy aspects
- ◇ Work collaboratively in a team to present findings related to the topic through oral and written communications

Student Learning Assessment:

Each student will prepare a course portfolio documenting their experience and outcomes. Portfolios will include:

- ◇ Personal learning objectives and self-assessment of learning
- ◇ Field notes, writing assignments, journals
- ◇ Peer evaluations of group work
- ◇ Graded final projects
- ◇ Faculty assessment of student participation in and contribution to class activities

Evaluation of student performance:

Students will be assessed on participation in pre-trip events (Oregon, 10%), active participation in activities in Canada (40%), documentation of field notes and writing assignments (30%), and final project presentations at OSU (20%). The anticipated grading scale is set forth below, but the instructor reserves the right adjust it based on observations made over the course of the term or in the event of a major disruption.

A: 90-100% Outstanding work. Demonstrates comprehensive understanding of the larger connections between policy, history, and landscape-level outcomes with respect to sustainable resource management. Incorporates ecological, economic, and social aspects into writing assignments and presentations. Assignments are well organized and appropriate for the audience. Participates in all events in a respectful, engaged, thoughtful manner.

B: 80-90% Good work. Demonstrates solid understanding of Canadian resource management. Assignments are solid with only minor issues of organization, clarity, or audience. Good participation in all events.

C: 70-80% Adequate work. Meets the minimum standards for completion. Fails in some aspects of either depth of understanding, clarity of communication, or adherence to assignment standards. Good to moderate participation.

D: 60-70% Unsatisfactory work. Does not meet minimum standards. Demonstrates incomplete or incorrect knowledge of key policies. Assignment have major issues that do

not meet minimum standards for college students and/or participation is incomplete or unsatisfactory.

F: <60% Unsatisfactory work. Does not meet minimum standards; knowledge of resource issue, assignments, or participation show major deficiencies.

Tentative Itinerary:

This course will be conducted primarily in Tofino, Vancouver Island. Pre- and post-trip activities will take place at or near OSU. ECampus students should anticipate meeting the van in either Portland Oregon or Seattle Washington. *Course parameters are subject to change if needed.*

Schedule of Activities 2022:

Day			Place	Activity
00	Wed	2/16	OSU	Course orientation and meet and greet. <i>Remote participation possible.</i>
0	Sat	3/5	Depart from OSU	Day field trip to coast range. <i>Remote participation possible.</i> Intro to Oregon forest management and salmon policies.
1	Sat	3/19	Corvallis – Bellingham <i>or</i> Anacortes <i>or</i> Port Angeles	Van transit to N Washington via Portland and Seattle. Stay at hotel.
2	Sun	3/20	To Tofino, Vancouver Island	Transit via ferry. Drive to Tofino, guided stops. Stay at Gardens Ecolodge.
3	Mon	3/21	Tofino	Intro to course: tribal history, culture, and perspective. Stay at Gardens Ecolodge.
4	Tues	3/22	Tofino	Transit to Cedar Coast. Temperate Rain forest & fish ecology. Stay at Gardens Ecolodge.
5	Wed	3/23	Tofino	Visit to active forest management sites, mill tour (possibly). Stay at Gardens Ecolodge.
6	Thurs	3/24	Tofino – Bellingham <i>or</i> Anacortes <i>or</i> Port Angeles	Transit back to US via ferry and van. Stay at hotel.
7	Fri	3/25	Return to Corvallis	Transit back to Campus via Seattle and Portland.
7+	TBD	TBD	OSU	Presentation and post-trip discussion. <i>Remote participation possible.</i>

Learning Resources:

You will need access to the internet before and after the trip for Canvas (and Zoom if participating remotely), and basic Office software (Word, PowerPoint). All readings will be

made available to you via Canvas. Specific needs while on Vancouver Island (e.g. boots, rain gear) will be clarified in pre-trip meetings and through Canvas.

Passports are required for US citizens to enter Canada and re-enter the U.S.; citizens of other countries should familiarize themselves with country-specific requirements, **especially related to COVID-19. Be aware that requirements change frequently!**

Course Etiquette:

The Salmon Coast is about the intersection of natural and social systems, as exemplified by our focus on resource use and management that is ecologically sound, economically viable, and socially acceptable. By necessity, these concepts are set in a social context and incorporate elements of beliefs and values. **It is essential that students participate in a respectful way.** Be curious about your fellow students' opinions and thoughts and seek to understand their perspective. Awareness of, thoughtfulness about, and inclusion of multiple views is part and parcel of natural resource management – and that begins through careful listening and communication. **Behaviors or comments that create or contribute to a hostile environment will not be tolerated.**

Participation in this course will require following all expectations related to international travel as outlined in pre-trip information. Students must also comply with all OSU and host area requirements related to COVID-19.

Course Policies:

Late work

Assignment due dates will be detailed in Canvas. If you will be unable to complete an assignment on time, please make alternative arrangements with your instructor as soon as possible. Flexibility on due dates is contingent on good communication between student and instructor. If you are having difficulty keeping up with the coursework, or any other aspect of the class, please **don't wait**; reach out to the instructors as soon as possible.

Academic Calendar

All students are subject to the registration and refund deadlines as stated in the Academic Calendar: <https://registrar.oregonstate.edu/osu-academic-calendar>

Statement Regarding Students with Disabilities

Accommodations for students with disabilities are determined and approved by Disability Access Services (DAS). If you, as a student, believe you are eligible for accommodations but have not obtained approval please contact DAS immediately at 541-737-4098 or at <http://ds.oregonstate.edu>. DAS notifies students and faculty members of approved academic accommodations and coordinates implementation of those accommodations. While not required, students and faculty members are encouraged to discuss details of the implementation of individual accommodations.

Student Conduct Expectations link: <https://beav.es/codeofconduct>

You are expected to treat other students, TAs, instructors, and all host organizations and lecturers with dignity and respect, and follow university guidelines regarding

academic honesty, student conduct, and civility. Behaviors that are disruptive to teaching and learning or that create a hostile, offensive or intimidating environment based on gender, race, ethnicity, color, religion, age, disability, marital status or sexual orientation will be referred to the Affirmative Action Office.

Reach Out for Success

University students encounter setbacks from time to time. If you encounter difficulties and need assistance, it's important to reach out. Consider discussing the situation with an instructor or academic advisor. Learn about [resources that assist with wellness and academic success](#). These resources include support with physical, financial, and mental health issues. We all need a little help sometimes.

If you are in immediate crisis, please contact the Crisis Text Line by texting OREGON to 741-741 or call the National Suicide Prevention Lifeline at 1-800-273-TALK (8255).

Academic Dishonesty

Students are expected to do their own work and comply with the Student Code of Conduct and all OSU policies relating to academic integrity and dishonesty. For more information on OSU's Student Code of Conduct, Academic Dishonesty policies, and examples of plagiarism, see:

<https://studentlife.oregonstate.edu/studentconduct/academicmisconduct>
http://arcweb.sos.state.or.us/pages/rules/oars_500/oar_576/576_015.html

Diversity, Equity, Inclusion, and Social Justice

OSU is a community that includes and values the voices of all people. As such, we recognize the social barriers that have systematically marginalized and excluded people and communities based on race, ethnicity, gender, sexual identity, socioeconomic background, age, disability, national origin and religion. At OSU and in this class, we are committed to the equity of opportunities, and strive to promote and advance diverse communities. We value and proactively seek genuine participation from these historically under-represented and underserved groups, and recognize them as an essential component of creating a welcoming and rich academic, intellectual, and cultural environment for everyone. For more information on the DEI initiative, please see: <https://diversity.oregonstate.edu/>

Statement on Reporting

Please be aware that I need to report incidents you disclose to me inside or outside the classroom that involve gender or sex-based harassment, violence, or discrimination, including your name, to the Office of Equal Opportunity and Access (EOA). For more information on how EOA responds to reports, please visit their website at eoa.oregonstate.edu. However, if you wish to make a confidential disclosure and receive information on resources and services, please contact the Survivor Advocacy and Resource Center (SARC) by phone (541-737-2030), by e-mail (survivoradvocacy@oregonstate.edu), or visit them in the Plageman Building. EOA and SARC can assist with academic accommodations.