

**2016 COURSE OUTLINE & LECTURE OVERVIEW**  
**Geog 353 A01 Coastal & Marine Resources**

**Instructor:** Dr. Chris Darimont. (email: [darimont@uvic.ca](mailto:darimont@uvic.ca))

**Course Website:** via <http://www.web.uvic.ca/~darimont/> password: 'salmon'

**Class times/location:** Mons & Thurs, 13:00-14:20, Cornett B107, Coast & Straight Salish Territories, specifically of the Lekwungen (Songhees) & WSÁNEĆ (Saanich) peoples

**Office hours:** Thurs, 14:30-16:00 (SSM B362)

**Course Textbook:** None. Assigned readings.

**Course Description:**

This course will provide an integration of the ecological, scientific, cultural, and legal/policy dimensions of resource use and management in coastal areas. We will touch on a suite of topics, including aquaculture, energy, transportation, tourism and coastal development, but coastal wildlife and fisheries – especially salmon of British Columbia (BC) – will provide special focus to our discussions.

Recognizing a long term relationship among resources, Indigenous people and culture – as well as the rapidly changing socio-cultural-legal landscape of resource management in BC and beyond – we will make special effort to explore First Nations management of coastal and marine resources in the past, present, and future. Key to this content will be readings and guest lectures by Indigenous scholars and practitioners.

**Course Objectives and Learning Outcomes**

*By the end of this course, students will:*

(1) gain a strong interdisciplinary understanding of how coastal and marine resources are embedded within – and interact with – the environment, including humans who use and manage them(selves)

(2) understand historical and current resource management concepts via applied case studies, mostly from BC but with global relevance

(3) develop special taxonomic expertise related to salmon and thematic expertise related to Indigenous and scientific dimensions of resource management

**Course Content**

**1. COASTAL AND MARINE ENVIRONMENTS**

A primer on marine ecology

Flagship marine and coastal systems

Flagship relationships – *Salmon Ecosystems* and *Herring Ecosystems*

**2. HUMANS IN COASTAL AND MARINE ENVIRONMENTS**

Resources, resource extraction, and ‘resource management’  
State of the Oceans, globally and within British Columbia

**3. SCIENTIFIC DIMENSIONS OF RESOURCE MANAGEMENT**

Toolkit of scientific approaches  
Uncertainty in resource management  
Salmon harvest management

**4. CULTURAL DIMENSIONS OF “RESOURCE INTERACTION”**

Relationship between Indigenous culture and resources  
Traditional Ecological Knowledge (TEK)  
Traditional resource management

**5. LEGAL AND POLICY DIMENSIONS OF RESOURCE MANAGEMENT**

Common frameworks  
Indigenous Law/Aboriginal Rights and Title

**6. CONTEMPORARY AND LEADING EDGE MULTIDIMENSIONAL APPROACHES**

Lessons in resource management from natural predators  
Ecosystem-based fisheries management  
Social-Ecological Systems, Resilience, and associated insight  
Adding value to, while conserving, salmon → bear tourism and terminal fisheries  
Indigenous leadership; from the past we see the future

**Mark breakdown**

Midterm Exam+ (**Feb 22**) 35% Major Paper outline\* (**March 03**) 5%  
Final Exam+ (**in class, April 04**) 15% Major Paper\* (**March 24**) 45%

+ I schedule **make-up exams for medical reasons only** (with professional note)

\* I impose a strict **10% per day** (or portion thereof) **penalty on late assignments**

**Course Experience Survey (CES)**

I value your feedback on this course. Towards the end of term, as in all other courses at UVic, you will have the opportunity to complete an anonymous survey regarding your learning experience (CES). The survey is vital to providing feedback to me regarding the course and my teaching, as well as to help the department improve the overall program for students in the future. The survey is accessed via MyPage and can be done on your laptop, tablet, or mobile device. I will remind you and provide you with more detailed information nearer the time but please be thinking about this important activity during the course.

I make special efforts to work closely with students registered with the **Resource Centre for Students with a Disability**

A+	A	A-	B+	B	B-	C+	C	D	F
90-100%	85-89%	80-84%	77-79%	73-76%	70-72%	65-69%	60-64%	50-59%	0-49%