

**2015 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:** Mondays & Thursdays, 13:00-14:20 in Cornett B135

**Office hours:** Thursday, 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 urban development, but coastal wildlife and fisheries – especially salmon – 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 British Columbia and beyond – we will make special effort to explore First Nations use and management of coastal and marine resources in the past, present, and future.

**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 that exploit them

(2) understand historical and leading edge resource management concepts via scholarly and applied case studies. These are applied primarily to case studies from coastal British Columbia cases but have global relevance

(3) develop special taxonomic expertise related to salmon and thematic expertise related to indigenous 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
    - Co-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 ( <b>Feb 23</b> )	35%
Major Paper outline ( <b>March 02</b> )	5%
Major paper ( <b>March 30</b> )	45%
Final Exam ( <b><u>in class</u>, April 02</b> )	15%

### **Grading Scale:**

**A+ (90-100%); A (85-89%); A (80-84%)** Exceptional, outstanding and excellent performance. Normally achieved by a small group of students. Indicate a student who is self-initiating, exceeds expectation and has an insightful grasp of the subject matter.

**B+ (77-79%); B (73-76%):** Very good / acceptable work fulfilling expectations. These grades indicate a good or satisfactory grasp of the subject matter or excellent grasp in one area with no major weakness.

**B- (70-72%); C+ (65-69); C (60-64%); D (50-59):** Deficiencies in knowledge, understanding or techniques; Mastery of some relevant techniques or concepts lacking.

**F (0-49):** Failing grade. Unsatisfactory performance.

### **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.