

**2019 COURSE OUTLINE & LECTURE OVERVIEW**  
**Geog 353 A01 Coastal & Marine Resources**

**Instructor:** Dr. Kyle Artelle (email: [kartelle@uvic.ca](mailto:kartelle@uvic.ca))

**Course Website:** Coursespace page

**Class times/location:** Mondays & Thursdays, 1:00-2:20 pm Elliott Building 162, Territories of the Lekwungen-speaking Peoples, including the Songhees, Esquimalt, and WSÁNEĆ Peoples whose relationships to this land are ongoing.

**Office hours:** Thursdays, 2:30-4:00 pm (David Turpin Building B204)

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

**Course Description:**

This course will cover ecological, scientific, cultural, and legal/policy dimensions of resource use and management in coastal areas. We will touch on a variety of topics, including aquaculture, energy, transportation, tourism and coastal development, with a particular focus on coastal wildlife and fisheries – especially those of British Columbia (BC).

Recognizing the long relationship among environments and Peoples – as well as the rapidly changing socio-cultural-legal landscape of resource management in BC and beyond – we will explore the central role of Indigenous relationships with coastal and marine resources of 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 – physical and cultural environments

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

(3) develop taxonomic knowledge of coastal wildlife and thematic knowledge of 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, Bear, 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  
Fisheries and hunt management

**4. CULTURAL DIMENSIONS OF RESOURCES**

Relationship between people and resources  
Knowledge systems and resource management

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

State-level frameworks  
Indigenous Law/Aboriginal Rights and Title

**6. EVOLVING APPROACHES**

Insights of resource management from coastal predators  
Ecosystem-based (fisheries) management  
Social-Ecological Systems

**Mark breakdown**

Midterm Exam+ <b>(Feb 14)</b>	30%	Major Paper outline* <b>(Feb 25)</b>	5%
Final Exam+ <b>(in class, April 04)</b>	15%	Major Paper* <b>(March 25)</b>	40%
In-class quizzes	10%		

+ **Make-up exams scheduled for medical reasons only** (with professional note)

\* There will be 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%