



CAPILANO UNIVERSITY

COURSE OUTLINE		
TERM: Fall 2023	COURSE NO: ENSO 310	
INSTRUCTOR:	COURSE TITLE: Globally Significant Places and Peoples – Biospheres	
OFFICE: LOCAL: E-MAIL: @capilanou.ca	SECTION NO(S):	CREDITS: 3.0
OFFICE HOURS:		
COURSE WEBSITE:		

Capilano University acknowledges with respect the Lilwat7úl (Lil'wat), xʷmə ̓ ̓kʷəyəm (Musqueam), shíshálh (Sechelt), Sḵw̓xwú7mesh (Squamish), and Səlílwətaʔ/Selilwitulh (Tsleil-Waututh) people on whose territories our campuses are located.

COURSE FORMAT

Three hours of class time, plus an additional hour delivered through on-line or other activities for a 15-week semester, which includes two weeks for final exams.

COURSE PREREQUISITES

45 credits of 100-level or higher coursework

CALENDAR DESCRIPTION

Biosphere regions are areas of global ecological significance and are ideal sites to study sustainable community development, adaptive resource management, and social and ecological resilience. Of the near 600 UNESCO biosphere reserves in the world, 19 are in Canada. This course will examine biospheres such as BC's Clayoquot Biosphere, Mt. Arrowsmith Biosphere and Howe Sound Biosphere Region as a set of social and ecological systems with a key objective of linking practical experience with theoretical concepts related to sustainability and complex systems.

COURSE NOTE

ENSO 310 is an approved Self and Society course for Cap Core requirements.

REQUIRED TEXTS AND/OR RESOURCES

Readings will be selected from the primary literature and instructor will provide a reading list each term.

Examples of online resources include:

Átl'ka7tsem/Howe Sound Biosphere
<https://www.howesoundbri.org/#intro>

Biosphere Reserves: Benefits and Opportunities
<http://unesdoc.unesco.org/images/0014/001424/142453e.pdf>

"Biosphere reserves in Canada: ideals and some experience." *The Free Library*. 2004 Wilfrid Laurier University 26 Oct.2021

<https://www.thefreelibrary.com/Biosphere+reserves+in+Canada%3a+ideals+and+some+experience.-a0132528105>

Madrid Action Plan for Biosphere Reserves (2008-2013)

<http://unesdoc.unesco.org/images/0016/001633/163301e.pdf>

The Seville Strategy for Biosphere Reserves (Statutory Framework)

<http://www.unesco.org/mab/doc/brs/Strategy.pdf>

UNESCO Biosphere Reserves

<http://www.unesco.org/new/en/naturalsciences/environment/ecological-sciences/biosphere-reserves/>

COURSE STUDENT LEARNING OUTCOMES

On successful completion of this course, students will be able to do the following:

1. Explore a UNESCO biosphere reserve as a model of sustainability;
2. Apply a systems perspective to practical challenges within one of British Columbia's landscapes;
3. Use the theoretical frameworks from the readings to analyze these systems;
4. Build an understanding of the social-ecological system within the Howe Sound Biosphere Region.
5. Identify and evaluate parameters used to assess the conservation of landscapes, ecosystems, species and genetic variation within biosphere regions.
6. Identify and evaluate parameters used to assess socio-culturally and ecologically sustainable economic and human development.
7. Assess parameters used to authentically address reconciliation with Indigenous Peoples and uphold the UN Declaration on the Rights of Indigenous Peoples (UNDRIP).
8. Generate assessments of climate change mitigation and adaptation action plans with biosphere community partners.

Students who complete this Self and Society course will be able to do the following:

1. Identify potential root causes of local/global problems and how they affect local/global cultures, economies, politics, and policies.
2. Assess and evaluate individual and collective responsibilities within a diverse and interconnected global society.
3. Apply concepts of sustainable development to address sustainability challenges in a global context.
4. Generate strategies for reconciling Indigenous and Canadian relations.

COURSE CONTENT

Week	Topics
1	Introduction to biospheres: complex social ecological systems
2	UNESCO Biosphere Reserves – Canadian biosphere regions.
3	Indigenous approaches to protected and conserved areas and the creation of ethical spaces
4	Biogeographic regions/biophysical characteristics
5	Land use and sustainability
6	Conservation function
7	Development function
8	Logistic support function
9	Governance, biosphere reserve management and coordination
10	Ecosystem monitoring and reporting
11-13	Case Study – Howe Sound
14/15	Final Exam Period

EVALUATION PROFILE

Readings: Study Questions & Discussions	30%
Class Assignments	30%
Project: Communicating Complex Systems	
includes: proposal	10%
presentation	10%
final Paper	<u>20%</u>
	100%

GRADING PROFILE

A+ = 90-100	B+ = 77-79	C+ = 67-69	D = 50-59
A = 85-89	B = 73-76	C = 63-66	F = 0-49
A- = 80-84	B- = 70-72	C- = 60-62	

Incomplete Grades

Grades of Incomplete “I” are assigned only in exceptional circumstances when a student requests extra time to complete their coursework. Such agreements are made only at the request of the student, who is responsible to determine from the instructor the outstanding requirements of the course.

Late Assignments

Assignments are due at the beginning of the class on the due date listed. If you anticipate handing in an assignment late, please consult with your instructor beforehand.

Missed Exams/Quizzes/Labs etc.

Opportunities to make-up missed work are given at the discretion of the instructor. They are generally given only in medical emergencies or severe personal crises. Some missed labs or other activities may not be able to be accommodated. Please consult with your instructor.

Attendance

Students are expected to attend all classes and associated activities. Accommodation may be made to honour community needs and traditional practises.

English Usage

Students are expected to proofread all written work for any grammatical, spelling and stylistic errors. Instructors may deduct marks for incorrect grammar and spelling in written assignments.

Electronic Devices

Students may use electronic devices during class for note-taking only.

On-line Communication

Outside of the classroom, instructors will (if necessary) communicate with students using either their official Capilano University email or eLearn; please check both regularly. Official communication between Capilano University and students is delivered to students' Capilano University email addresses only.

UNIVERSITY OPERATIONAL DETAILS**Tools for Success**

Many services are available to support student success for Capilano University students. A central navigation point for all services can be found at: <https://www.capilanou.ca/student-life/>

Capilano University Security: download the [CapU Mobile Safety App](#)

Policy Statement (S2009-06)

Capilano University has policies on Academic Appeals (including appeal of final grade), Student Conduct, Academic Integrity, Academic Probation and other educational issues. These and other policies are available on the University website.

Academic Integrity (S2017-05)

Any instance of academic dishonesty or breach of the standards of academic integrity is serious and students will be held accountable for their actions, whether acting alone or in a group. See policy and procedures S2017-05 Academic Integrity for more information: <https://www.capilanou.ca/about-capu/governance/policies/>

Violations of academic integrity, including dishonesty in assignments, examinations, or other academic performances, are prohibited and will be handled in accordance with the Student Academic Integrity Procedures.

Academic dishonesty is any act that breaches one or more of the principles of academic integrity. Acts of academic dishonesty may include but are not limited to the following types:

Cheating: Using or providing unauthorized aids, assistance or materials while preparing or completing assessments, or when completing practical work (in clinical, practicum, or lab settings), including but not limited to the following:

- Copying or attempting to copy the work of another during an assessment;
- Communicating work to another student during an examination;
- Using unauthorized aids, notes, or electronic devices or means during an examination;
- Unauthorized possession of an assessment or answer key; and/or,
- Submitting of a substantially similar assessment by two or more students, except in the case where such submission is specifically authorized by the instructor.

Fraud: Creation or use of falsified documents.

Misuse or misrepresentation of sources: Presenting source material in such a way as to distort its original purpose or implication(s); misattributing words, ideas, etc. to someone other than the original source; misrepresenting or manipulating research findings or data; and/or suppressing aspects of findings or data in order to present conclusions in a light other than the research, taken as a whole, would support.

Plagiarism: Presenting or submitting, as one's own work, the research, words, ideas, artistic imagery, arguments, calculations, illustrations, or diagrams of another person or persons without explicit or accurate citation or credit.

Self-Plagiarism: Submitting one's own work for credit in more than one course without the permission of the instructors, or re-submitting work, in whole or in part, for which credit has already been granted without permission of the instructors.

Prohibited Conduct: The following are examples of other conduct specifically prohibited:

- Taking unauthorized possession of the work of another student (for example, intercepting and removing such work from a photocopier or printer, or collecting the graded work of another student from a stack of papers);
- Falsifying one's own and/or other students' attendance in a course;
- Impersonating or allowing the impersonation of an individual;
- Modifying a graded assessment then submitting it for re-grading; or,
- Assisting or attempting to assist another person to commit any breach of academic integrity.

Sexual Violence and Misconduct

All Members of the University Community have the right to work, teach and study in an environment that is free from all forms of sexual violence and misconduct. Policy B401 defines sexual assault as follows:

Sexual assault is any form of sexual contact that occurs without ongoing and freely given consent, including the threat of sexual contact without consent. Sexual assault can be committed by a stranger, someone known to the survivor or an intimate partner.

Safety and security at the University are a priority and any form of sexual violence and misconduct will not be tolerated or condoned. The University expects all Students and Members of the University Community to abide by all laws and University policies, including B.401 Sexual Violence and Misconduct Policy and B.401.1 Sexual Violence and Misconduct Procedure (found on Policy page <https://www.capilanou.ca/about-capu/governance/policies/>)

Emergencies: Students are expected to familiarise themselves with the emergency policies where appropriate and the emergency procedures posted on the wall of the classroom.