



COURSE OUTLINE		
TERM: Spring 2020	COURSE NO: REC 156	
INSTRUCTOR:	COURSE TITLE: Natural History for Tourism and Outdoor Recreation	
OFFICE: LOCAL: E-MAIL:	SECTION NO(S):	CREDITS: 3.0
OFFICE HOURS:		
COURSE WEBSITE:		

Capilano University acknowledges with respect the Lil'wat, Musqueam, Squamish, Sechelt, and 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. This course may also be offered in mixed-mode or in online format and/or condensed format.

COURSE PREREQUISITES/CO-REQUISITES

None

CALENDAR DESCRIPTION

Students will develop skills to interpret the natural environment, through the application of the principles and concepts of ecology, the identification of flora and fauna, and the interpretation of local ecosystems. Contemporary stewardship issues facing Southwest British Columbia will be highlighted. The importance of indigenous knowledge and perspectives along with concepts of habitat protection and biodiversity for the future of the tourism and outdoor recreation industry will be emphasised through local and global case studies.

COURSE NOTE

None

REQUIRED TEXTS AND/OR RESOURCES

Pojar, J. and A. MacKinnon. Plants of Coastal British Columbia. B.C. Ministry of Forests and Lone Pine Publishing, 1994.

Cannings, R. and S. Cannings. British Columbia. A Natural History. Greystone Books, 2013.

COURSE STUDENT LEARNING OUTCOMES

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

1. Apply basic ecological principles and concepts to the interpretation of natural history in the context of operating a tourism or outdoor recreation business, and working as a commercial outdoor guide.
2. Describe the nature and functioning of selected ecological systems of relevance to tourism and outdoor recreation professionals; alpine, temperate rain forest, ocean, estuary, fresh water and interior British Columbia ecosystems.
3. Identify plant and animal species and explain species occurrence in terms of the environments in which they live. Develop skills in interpretation to be used when working as an outdoor guide or leader. Enhance skills through class and field interpretive presentations.
4. Discuss natural history from the perspective of traditional indigenous knowledge.
5. Describe the ecology of several biomes. Expand and apply local knowledge and interpretation skills to areas worldwide, to reflect international opportunities for employment in the fields of tourism and outdoor recreation.
5. Define biodiversity and describe its ecological importance for the future while recognizing the value of keystone species and critical habitat for maintaining our planet's life support systems.
6. Describe the role of tourism and outdoor recreation businesses as leaders in public education and in the preservation of biodiversity.

COURSE CONTENT

WEEK	TOPICS
Week 1	Introduction to the course. Natural history in tourism and outdoor recreation
Week 2	Ecology and British Columbia ecosystems Biotic and abiotic factors
Week 3	Alpine ecosystems
Week 4	Energy and nutrients in ecosystems West coast rain forests
Week 5	Natural population dynamics
Week 6	Old growth forests
Week 7	Midterm exam Biogeoclimatic zones
Week 8	Ocean ecosystems

Week 9	Coastal Douglas Fir zone
Week 10	Fresh water ecosystems
Week 11	Estuary ecosystems
Week 12	British Columbia interior ecosystems Biodiversity
Week 13	Biodiversity
Week 14	Final Exam Period
Week 15	Final Exam Period

EVALUATION PROFILE

Assessment	% of Final Grade
Alpine Ecology Report	15%
Interpretation of local plant species on field trips	10%
Midterm Exam	20%
Biodiversity Presentation and Written Report	30%
Final Exam	25%
TOTAL	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 start of class on the due date unless otherwise advised by your instructor. Late assignments will only be accepted if prior approval for a late submission date has been given by the instructor. Marks of 10% per day will be deducted for late assignments.

Missed Exams/Quizzes/Labs etc.

Make-up exams, quizzes and/or tests 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.

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, or when working in groups on tasks assigned by the instructor.

On-line Communication

Outside of the classroom, instructors will (if necessary) communicate with students using either their official Capilano University email or Moodle; 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.