



COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/envr.html>

Ω Please note: the College electronically stores this outline for five (5) years only.
 It is **strongly recommended** you keep a copy of this outline with your academic records.
 You will need this outline for any future application/s for transfer credit/s to other colleges/universities.

1. Instructor Information

(a)	Instructor:	Dr. David Blundon		
(b)	Office Hours:	See below		
(c)	Location:			
(d)	Phone:	250 350-3984	Alternative Phone:	
(e)	Email:	blundond@camosun.bc.ca		
(f)	Website:			

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9:30-10:20		Biol 228 001A F244	ENVR 246 X01 Dental Bldg 014			
10:30-11:20						
11:30-12:20	Office Hour			Office Hour	Office Hour	
12:30-1:20	Biol 228 Y216		Biol 228 Y310		Biol 228 Y310	
1:30-2:20	Office Hour	Biol 228 001B F244		ENVR 246 X01 F244	Office Hour	
2:30-3:20						
3:30-4:20						
4:30-5:20						

2. Intended Learning Outcomes

(No changes are to be made to these Intended Learning Outcomes as approved by the Education Council of Camosun College.)

Upon completion of this course the student will be able to:

1. Use standard biological lab equipment, especially microscopes.

2. Use logic, critical thinking, and the scientific method in combination with biological terminology pertinent to Plants, Algae and Fungi to evaluate and assess the current status of BC plant ecosystems.
3. Use biological identification keys for selected groups of algae, fungi, non-vascular and vascular plants of B.C.
4. Prepare herbarium specimens.
5. Preserve and/or culture various selected algae, fungi (sterile technique) and non-vascular plants.
6. On sight, identify most native non-vascular and vascular plants to Division and class and some to Order, Genus or Species.
7. Describe biodiversity issues, including rare and endangered species, introduced species, overharvesting impacts and affects of habitat loss.
8. Sample terrestrial and aquatic habitats for algae, fungi, non-vascular and vascular plants and understand the basic methods of habitat restoration.
9. Discuss the importance and impact of policy and legislation on ecosystem management issues.

3. Required Materials

Pojar, J. and A. MacKinnon. 1994. Plants of Coastal British Columbia. Lone Pine Publ., Van., BC.

4. Course Content and Schedule

Week	Dates	Lecture Topics	Lab Topics
1	September 3 - 6	Restoration	Island View Beach Field Trip
2	September 9 - 13	Restoration	Island View Beach Field Trip
3	September 16 - 20	IVBMP	Centennial Park Field Trip
4	September 23 - 27	Invasion Biology	Sunriver Nature Trail Field Trip
5	September 30 - October 4	Invasion Biology	Beacon Hill Park Field Trip
6	October 7 - 11	Invasion Biology	NCC Maple Bay Field Trip
7	October 14 (Thanksgiving Day) October 15 - 18	College Closed Lecture Midterm I (restoration and invasion biology)	Vascular Plant Identification
8	October 21 - 25	Grasses	Vascular Plant Identification monocot and dicot collection due
9	October 30 - November 1	Grasses	Vascular Plant Identification
10	November 4- 8	Mosses	Royal Roads Field Trip
11	November 11 (Remembrance Day) November 12- 15	College Closed Mosses	Nonvascular Plant Identification
12	November 18 - 22	Lichens	Nonvascular Plant Identification
13	November 25 - 29	Lichens	Nonvascular Plant Identification

14	December 2 - 6	Lichens	Lab Exam moss and lichen collection due
15	Exam Period	Lecture Midterm II (grasses, mosses and lichens)	

5. Basis of Student Assessment (Weighting)

Lecture/Lab Exams - 60%

- Lecture Exam I - 15% Week 7: Wednesday, October 16: 2 hours
- Lab Exam - 30% Week 14: Thursday, December 5: 4 hours
- Lecture Exam II - 15% Week 15: Exam Period: 2 hours

Assignments - 40%: total of 20 herbarium specimens

- 5 herbarium mounted specimens of vascular plants, Due week 8, Thursday Lab (October 24)
- 5 herbarium mounted specimens of grasses only, Due week 8, Thursday Lab (October 24)
- 5 herbarium samples of mosses, Due week 14 Thursday Lab (December 5)
- 5 herbarium samples of lichens, Due week 14 Thursday Lab (December 5)

Herbarium collections dates are posted – late submissions will not be accepted.

6. Grading System

(No changes are to be made to this section unless the Approved Course Description has been forwarded through the Education Council of Camosun College for approval.)

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
0-49	F	Minimum level has not been achieved.	0

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at camosun.ca for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. <i>(For these courses a final grade will be assigned to either the 3rd course attempt or at the point of course completion.)</i>
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, at Student Services, or the College web site at camosun.ca.

STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services, and the College web site in the Policy Section.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED