

CAMOSUN COLLEGE
ENVR 246: PLANT BIODIVERSITY and ECOLOGY
Course Information – Fall 2012

INSTRUCTOR: Dr. DAVID BLUNDON
OFFICE: F-246
EMAIL: **D2L email only**
(do not use my @camosun email ever)



OFFICE HOURS: see schedule
For an appointment or to leave a message email D2L.

LECTURE (Y220) / LABORATORY (F244): see schedule

PREREQUISITE: BIOL 228, ENVR 211

COURSE TEXT (required):

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

Bring your Pojar to each and every lecture, lab and field trip.

- Additional text will be supplied

ABSENCES:

- If you should miss a class, you should arrange to borrow notes from another student.
- You are responsible for all information (including exam dates and changes in course content or emphasis) covered in class.
- If you miss an exam you will receive a grade of zero for that exam unless you provide a note from your MD.
- **Herbarium collections dates are posted – late submissions will not be accepted.**

LABORATORY INFORMATION:

- *Make-up labs are not offered. If you are unable to attend your regularly scheduled lab due to illness, contact the instructor.*
- **Lab attendance is compulsory and will be taken. You will lose 10% of your final mark for each lab missed.**

MARK DISTRIBUTION:

Lecture/Lab Exams - 60%

- Lecture Exam I - 15% Week 8: Wednesday October 24: 2 hours
- Lab Exam - 30% Week 14: Thursday December 6: 4 hours
- Lecture Exam II - 15% Week 15: Exam Period: 2 hours

Assignments - 40%: total of 16 herbarium specimens

- Three each of vascular plants: dicots and grasses: Due week 10, Thursday Lab (November 8)
- Five each of mosses and lichens: Due week 14: Thursday Lab (December 6)

Letter Grades:	A+	90-100%	A	85-89%	A-	80-84%
	B+	77-79%	B	73-76%	B-	70-72%
	C+	65-69%	C	60-64%	D	50-59%
	F	<50%				

COURSE CONTENT:

- Moss, Lichen, Grass, Ecological Restoration Invasion Ecology lectures
- Identification of Vascular and Non-Vascular Plants
- Vascular and Non-Vascular Plant Taxonomy
- Field Trips (TBA):, Royal Roads (Colwood: Hatley Park National Heritage Site), Island View Beach Regional Park (Central Saanich: CRD Park), Centennial Park (Central Saanich: Community Park), and Nature Conservancy of Canada (Maple Bay: Private Property)

Weeks	Dates	Lecture Period	Lab Period
1	September 4 - 7	Introduction	Demonstrate how to create a herbarium collection of vascular plants. Camosun Native Plant Garden
2	September 10 - 14	Grasses	NCC (Maple Bay)
3	September 17 - 21	Restoration	Centennial Park (Central Saanich)
4	September 24 – 28	Restoration	Uplands Park (Oak Bay)
5	October 1 - 5	Restoration	Rithets Bog (Saanich)
6	October 8 October 9 - 12	College Closed Invasion Ecology	Thanksgiving Day Island View Park
7	October 15 - 19	Invasion Ecology	Vascular Plant Identification
8	October 22 – 26	Lecture Exam I (grasses, restoration, invasion ecology)	Vascular Plant Identification
9	October 31 – November 2	Invasion Ecology	Vascular Plant Identification
10	November 5- 9	Invasion Ecology	[Grass and dicot collection due] Moss and Lichen Identification
11	November 12 November 13 - 16	College Closed Mosses	Remembrance Day Royal Roads (collect mosses and lichens)
12	November 19 – 23	Mosses	Moss and Lichen Identification
13	November 26 – 30	Lichens	Moss and Lichen Identification
14	December 3 – 7	Lichens	Lab Exam [Moss and lichen collection due]
15	December 10 - 18	Lecture Exam II (invasion ecology, mosses, lichens) – posted in October	

David Blundon F2012

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:30-9:20						
9:30-10:20		Biol 228 01A F244	ENVR 246 X01 Y220			
10:30-11:20						
11:30-12:20	Office Hour			Office Hour	Office Hour	
12:30-1:20	Biol 228 Y310		Biol 228 Y310		Biol 228 Y216	
1:30-2:20	Office Hour	Biol 228 01B F244		ENVR 246 X01 F244	Office Hour	
2:30-3:20						
3:30-4:20			Biol 228 01C F244			
4:30-5:20						
5:30-6:20						
6:30-7:20						
7:30-8:20						
8:30-9:20						