



**School of Arts & Science  
ENVIRONMENTAL TECHNOLOGY DEPARTMENT**

**ENVR 211- section 01  
BC Biodiversity 1  
Semester/Year 2008W**

## COURSE OUTLINE

The Approved Course Description is available on the web @ \_\_\_\_\_

Ω Please note: this outline will be electronically stored for five (5) years only.  
It is strongly recommended students keep this outline for your records.

### 1. Instructor Information

(a)	Instructor:	Steve Gormican and David Blundon		
(b)	Office Hours:	TBA – posted on office doors		
(c)	Location:	F-314A and F		
(d)	Phone:	370-3423 -3465	Alternative Phone:	370-3298
(e)	Email:	<a href="mailto:gormicans@camosun.bc.ca">gormicans@camosun.bc.ca</a> <a href="mailto:blundond@camosun.bc.ca">blundond@camosun.bc.ca</a>		
(f)	Website:	<a href="http://www.camosun.bc.ca">www.camosun.bc.ca</a>		

### 2. Intended Learning Outcomes

(

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 Invertebrates, Algae, Fungi, and Non-Vascular Plants found in B.C.
3. Use biological identification keys for selected groups of B.C. Invertebrates, Algae, Fungi, and Non-Vascular Plants and project population estimates of the same.
4. Sample fresh water and marine habitats, soil, and terrestrial debris in order to determine types of living organisms present.
5. Preserve and/or culture various selected Invertebrates, Algae, Fungi (sterile technique), and Non-Vascular Plants.

### 3. Required Materials

(a)	Texts	Gormican, S and D. Blundon. 2007. BC Biodiversity 1 Course Manual. Camosun College. Victoria, BC
(b)	Other	Optional purchases will be discussed in class

#### 4. Course Content and Schedule

WEEK	DATE	LECTURE TOPICS	LAB TOPICS
1	Jan 7- 11	Non-Vascular Plants; Algae	
2	Jan 14-18	Algae	Fresh Water Algae
3	Jan 21-25	Algae	Soil Isolation Diversity of the Fungi
4	Jan 28 -31	Fungi; Kingdom Protista <b>Midterm</b>	Soil Isolation Con't Diversity of the Fungi Con't
5	Feb 4-8	Kingdom Fungi: Zygomycota and Ascomycota	Soil Isolation con't Diversity of the Fungi
6	Feb 11-15	Kingdom Fungi: Deuteromycota and Basidiomycota	Fungal Symbionts
7	Feb 18-22	Fungal Symbionts and Non-Vascular Plants	Non-Vascular Plants
8	Feb 25-29	Course Introduction; Porifera	Sponges and Jellyfish
9	Mar 3-7	Cnidaria; Acoelomates and Pseudocoelomates; Annelids; Molluscs	Molluscs and Annelids
10	Mar 10-14	Molluscs; Arthropods - Crustaceans	Arthropods – plankton, Crabs, shrimp, lobsters
11	Mar 17-21	Bryozoans; Brachiopods; Phoronids; Review <b>Midterm</b>	Arthropods – spiders and Insects including stream insects
12	Mar 24-28  Easter Break	Arthropods – Spiders and Insects	TBA
13		Echinoderms	Echinoderms
14	Apr 7-11	Echinoderms; Review	<b>Invertebrate Lab Final</b>
15	Apr 16	<b>Invertebrate Lec Final</b>	

Lectures:

Labs:

## 5. Basis of Student Assessment (Weighting)

(Should be linked directly to learning outcomes.)

(a)	Assignments	10% for each half of the course = 20%
(b)	Midterms	10% for each half of the course = 20%
(c)	Exams	10% for lab and 20% for lecture for each half of the course = 60%
(d)	Other (eg, Attendance, Project, Group Work)	NA

## 6. Grading System

### 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		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 at [camosun.ca](http://camosun.ca) or 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
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.

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.

## 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](http://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 on the College web site in the Policy Section.