

**BIOLOGY 228
ECOLOGY
WINTER 2003**

Instructor: Dr. Anna Colangeli
Office: Fisher 340D
Office phone: 370-3459
E-mail: through WEBCT (see handout)
Web site: <http://deserv1.camosun.bc.ca:8950/webct/public/home.pl>
Office hours: posted on office door
Other times: Open door policy

Lectures:							
Sec. 001	M, F	11:30-12:20	F-238	Sec. 002	M, F	10:30-11:20	F-238
	Tu	11:30-12:20	F-100		Tu	10:30-11:20	F-202
Labs:							
Sec. 001A	W	9:30-12:20	F-222	Sec. 002A	W	2:30-5:20	F-222
Sec. 001B	Th	9:30-12:20	F-222	Sec. 002B	Th	2:30-5:20	F-222

Weekly Schedule: 3 hours of lecture and 3 hours of lab. The student should expect to spend an additional **6** hours per week outside of scheduled class time for completion of assignments and for general studying.

Text: Stiling, Peter 2002, Ecology - Theories and Applications, Prentice Hall Publishing, New Jersey.

Biology Department Faculty Members. 2003. Biology 228 - Ecology Laboratory Manual, Camosun College, Victoria, B.C.

Evaluation:	Lecture Midterm	February 19/20, 2003	15%
	Lecture Final	as scheduled	30%
	Oral Presentations	as scheduled	15%
	Lab Midterm	February 19/20, 2003	8%
	Lab Exam	April 9/10	12%
	Lab Assignments	as scheduled	20%

Letter Grades: The approximate percentages for each lettergrade are as follows:

A+	95-100%	A	90-94%	A-	85-89%
B+	80-84%	B	75-79%	B-	70-74%
C+	65-69%	C	60-64%	D	50-59%
F	<50%				

Important Dates:

Jan. 6	Classes start
Feb. 13-14	Reading Break
Mar. 10	Last day to withdraw or change to audit without penalty
Apr. 12	Last day of instruction
Apr. 14-25	Final exam period

General Policies:

1. Students are responsible for contacting their instructors if they are absent from exams or do not hand in an assignment on time. The instructor must be notified **prior to the time the exam is to be written or the assignment is due**. A note from your physician will be required to write a make-up midterm or final. All notes will be verified.
2. Attendance is **mandatory** in lab periods because many activities depend upon work by pairs or groups of 4 students. **Make-up labs are not offered**. In the case of illness, lab work will be reviewed for the student as much as possible. A note from your physician will be required.
3. All assignments are due at the beginning of class on the due date. **15% per day** will be deducted from all late assignments. Weekends count as two days.
4. There is the option of 1 free late assignment. There will be no penalty provided the assignment is received **prior** to it being marked and returned to the class. Any assignment received after its return to the rest of the class will be marked but will receive no credit.
5. Final exams must be written when they are scheduled. The final may not be written in advance of the scheduled time.
6. Plagiarism is not accepted. All lab write-ups other than group reports, even those based upon data common to a lab group should be presented individually. Should two very similar assignments, labs or reports be turned in, -- the original mark will be divided accordingly.

COURSE SCHEDULE - BIOLOGY 228 WINTER 2003

The schedule, which follows, is an attempt to outline the weekly activities of the class. It is subject to change or modification as the need arises.

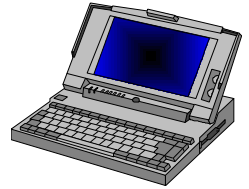
Week	Date	Chap	Lecture Topic	Lab	Lab/Data
1	Jan. 6-10	1	Introduction to Ecology		Start Lab. 1 - Intro to statistics Set-up Lab. 2, 5, 7
2	Jan. 13-17	2-3	Genetics and Ecology Extinction		Lab. 1 - continued (Excel & Stats) Lab. 2 count germinants Lab. 5 count Lemna AV presentation - in computer lab
3	Jan. 20-24	4-5	Group/Individual Selection: Life History Strategies		Complete Lab. 2 - Germination Lab. 5 count Lemna
4	Jan 27-31	6	Population Growth		Lab. 3 mark/recapture Lab. 5 count Lemna
5	Feb. 3-7	6	Population Growth		Lab. 4 - <i>Artemia</i> Experiment Lab. 5 count Lemna
6	Feb. 10-12 13-14	8	Competition and Coexistence Reading Break		Lab. 5 count Lemna NO LABS
7	Feb. 17-21	9-10	Mutualism Predation		Lecture Midterm/ Lab Midterm Lab. 5 count Lemna
8	Feb. 24 - 28	11-12	Herbivory Parasitism		Lab. 6 Niche overlap Lab. 5 count Lemna 3 presentations
9	Mar. 3-7	13	Controls on Population size.		Lab. 7 harvest grass Lab. 5 final Lemna count 3 presentations
10	Mar. 10-14	15	Species richness		Lab. 7 complete calculations 6 presentations
11	Mar. 17-21	16	Species diversity		Lab. 8 line intercept (at Cattle Point)
12	Mar. 24-28	17	Stability, Equilibrium and Nonequilibrium		Complete Lab. 8 6 presentations
13	Mar. 31 - Apr 4	18	Succession		6 Presentations Review
14	Apr. 7-11	19	Island Biogeography		Lab Exam
	Apr. 14-17, 22-25		Exam Period		

- Lab. 1: Excel and Statistical Analysis
- Lab. 2: Germination of Grasses
- Lab. 3: Mark-recapture
- Lab. 4: Habitat preference of *Artemia salina*
- Lab. 5: Population growth of Lemna and Azolla
- Lab. 6: Niche Overlap and Diet Analysis
- Lab. 7: Population Regulation in Grasses
- Lab. 8: Line Intercept

WebCT Site for Biology 228

A new web site for Biology 228 has been developed. This site will contain:

- the PowerPoint presentations delivered during lecture,
- a calendar of scheduled due dates,
- class notes
- your grades
- an email address for submitting assignments
- a personal folder for picking up marked assignments
- as well as additional information pertinent to lab and lecture.



There are 2 ways to access the site.

1. **Through the Camosun Home page (<http://www.camosun.bc.ca/>). In the Camosun site, find quick links in the upper right hand corner and scroll down the menu until you get to Distance/Distributed Education. Then click on the WebCT icon, which will link you to the WebCT Login page.**
2. **Or you can link directly to the WebCT Login page using the following URL (which you could bookmark or add to your favourites)**
(<http://deserv1.camosun.bc.ca:8950/webct/public/home.pl>)

Once in, you will require a Login ID and password.

Your Login ID is your Camlink number (C0_____)

Your initial password is "changeme"

Please change your password the first time you log in so that the site is secure. If you forget your password; please come see me and we can get you a new one.

The student grades are completely confidential once you change your password. Please check the grades regularly to make sure you are not missing any assignments and the grades are correct.

Please contact me if you have any questions, problems or concerns.

Anna (phone: 370-3459)