



School of Arts & Science
BIOLOGY DEPARTMENT
BIOLOGY 124
Evolution & Biological Diversity
Fall 2010 (Sept-Dec)

COURSE OUTLINE

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

1. Instructor Information

Instructor:	Charles Molnar		
Office Hours:	T.B.A.		
Location:	Fischer 340-B		
Phone:	250-370-3449	Alternative Phone:	n/a
Email:	molnar@camosun.bc.ca		
Website:	http://online.camosun.ca		

2. Intended Learning Outcomes

Upon completion of this course the student will:

- 1) be able to identify and classify living organisms to their major taxonomic groupings, and to list their defining characteristics
- 2) be able to describe the major lines of evidence for evolution
- 3) be able to explain major topics in evolutionary theory

3. Required Materials

- 1) Textbook: Campbell, N. A. & J. B. Reece. 2007. Biology, 8th ed., Pearson Education, Inc., San Francisco, CA.
- 2) Camosun College Biology Faculty. Fall 2010. Biology 124 Lab Manual, Camosun College, Victoria, B.C.

4. Course Content and Schedule

Lecture

Mon, Wed, Fri 11:30 – 12:20 F200

Lab

Section 002A Tues. 9:30 – 12:20 F224

Section 002B Tues. 2:30 – 5:20 F224

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.

Date	Lecture Topic	Ch.	Laboratory Exercise
Sept. 7 -10	Biological Diversity lecture Evolution – Darwinian	22	Introduction to lab
Sept. 13 - 17	Phylogeny Population Evolution	26 23	Lab 3 Woodlice
Sept. 20 - 24	Species Evolution	24	Lab 1 Phylogeny Appendix 3 - Microscopes
Sept. 27 – Oct. 1	Prokaryotes	27	Microscope quiz Lab 4 Prokaryote lab
Oct. 4 – 8	Protists Lecture Midterm 1	28	Bacterial lab - complete Lab 5 Protist lab
Oct. 11 - 15	Protists	28	Field Trip – Mount Doug Park
October 11 – Thanksgiving Day – College Closed			
Oct. 18 - 22	Seedless Plants	29	Lab Midterm
Oct. 25 - 29	Seed Plants	30	Lab 6 Seedless plant lab
Nov. 1 - 5	Fungi	31	Lab 7 Seed plant lab
	Animal Evolution	32	
Nov. 8 - 12	Invertebrates	33	Lab 8 Fungi Lab
	Lecture Midterm 2		
November 11 – Remembrance Day – college closed			
Nov.. 15 - 19	Invertebrates	33	Lab 9 Invertebrate
Nov. 22 - 26	Vertebrates	34	Invertebrate 10
Nov. 29 – Dec. 3	Vertebrates	34	Vertebrate Lab 11
Dec. 6 – 10	Review & Catchup		Lab Final

Last day to withdraw Nov.9th

Final exam Dec 13-18, 20-21 **Do not book flights** before final exam schedule is posted in October.

5. Basis of Student Assessment (Weighting)

Lab Exam I	15%
Lab Exam 2	15%
Lecture Midterm I	15%
Midterm II	15%
Final Lecture Exam	25%
Assignments/quizzes	15%

*** Lab exams will be unit exams. Lecture exams will be cumulative.

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	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. (For these courses a final grade will be assigned to either the 3 rd course attempt or at the point of course completion.)
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 you throughout your 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.