



COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/biol.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:	DAVID RAJU		
(b)	Office Hours:	TBA		
(c)	Location:	Fisher 342A		
(d)	Phone:		Alternative Phone:	
(e)	Email:	raju@camosun.bc.ca		
(f)	Website:			

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. Identify and classify living organisms to their major taxonomic groupings, and to list their defining characteristics.
2. Describe the major lines of evidence for evolution.
3. Explain major topics in evolutionary theory.
4. Discuss the nature of scientific knowledge in biology, its limits and strengths, and how it is documented.

3. Required Materials

(a) Required materials will be provided

(b) Campbell Biology (any Edition) is the recommended text

4. Course Content and Schedule

(This section can include: class hours, lab hours, out of class requirements and/or dates for quizzes, exams, lectures, labs, seminars, practicums, etc.)

Biology 001A/B Lectures Wednesday/Friday 9:30-10:50AM in Fisher 200

Biology 002A/B Lectures Wednesday/Friday 11:30-12:50 in Fisher 200

Biology 001A Lab Tuesday 2:30-5:20PM in Fisher 244

Biology 001B Lab Monday 1:30-4:20PM in Fisher 244

Biology 002A Lab Monday 9:30-12:20 in Fisher 244

Biology 002B Lab Tuesday 9:30-12:20 in Fisher 244

DATE	Day	MAIN TOPIC
Jan 11, 12	M/Tu	Taxonomy Lab
Jan 13	W	Systematics
Jan 15	F	Scientific Method
Jan 18, 19	M/Tu	Platyhelminthes Lab
Jan 20	W	Protozoa
Jan 22	F	Angiosperms
Jan 25, 26	M/Tu	Protozoa Lab
Jan 27	W	Insects
Jan 29	F	Echinoderms
Feb 1, 2	M/Tu	Crustacean Lab
Feb 3	W	Kin Selection
Feb 5	F	Sexual Selection
Feb 8, 9	NO LAB	NO LAB
Feb 10	W	Invertebrates
Feb 12	F	Natural Selection
Feb 15, 16	M/Tu	Invertebrate Lab
Feb 17	W	Fungi
Feb 19	NO CLASS	NO CLASS
Feb 22, 23	M/Tu	Speciation Lab
Feb 24	W	Evolution Review
Feb 26	F	MIDTERM EXAM 1
Feb 29, Mar 1	M/Tu	LAB EXAM 1
Mar 2	W	Plants
Mar 4	F	Fish
Mar 7, 8	M/Tu	Plant/Fungi Lab
Mar 9	W	Amphibians
Mar 11	F	Reptiles
Mar 14, 15	M/Tu	"Weed" Lab
Mar 16	W	Chordates
Mar 18	F	"Pests"
Mar 21, 22	M/Tu	Chordate Lab
Mar 23	W	Prokaryotes
Mar 25	NO CLASS	NO CLASS
Mar 28, 29	NO LAB	NO LAB
Mar 30	W	Diversity Review
Apr 1	F	MIDTERM EXAM 2
Apr 4, 5	M/Tu	LAB EXAM 2
Apr 6	W	Gene Expression
Apr 8	F	Mammals
Apr 11, 12	M/Tu	Bird Lab
Apr 13	W	Gymnosperms
Apr 15	F	Threats to Biodiversity
Apr 18-22	M-F (Times & Room TBA)	CUMULATIVE FINAL exam

5. Basis of Student Assessment (Weighting)

(This section should be directly linked to the Intended Learning Outcomes.)

- (a) Lecture Assignments = 25%
- (b) Laboratory Assignments = 25%
- (c) Midterm Exam 1 = 5%
- (d) Midterm Exam 2 = 5%
- (e) Lab Exam 1 = 10%
- (f) Lab Exam 2 = 10%
- (e) Final Exam = 20%

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. (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 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.

8. ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED

- (a) Please note that to do well in this course your attendance must be excellent.
- (b) You must be present for lab and lectures in order to hand in the accompanying assignment.
- (C) The format of the final exam will be explained and the date(s) will be provided when made available.