



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 Monday/Thursday 2:30-3:50PM in Young 211

Biology 003A/B Lectures Monday/Thursday 4:00-5:20PM in Young 211

Biology 001A Lab Friday 1:30-4:20PM in Fisher 244

Biology 001B Lab Wednesday 2:30-5:20PM in Fisher 244
 Biology 003A Lab Wednesday 6:30-9:20PM in Fisher 244
 Biology 003B Lab Friday 9:30-12:20PM in Fisher 244

DATE	Day	MAIN TOPIC
Sept 4	M	NO CLASS
Sept 6,8	W, F	Systematics Lab
Sept 7	Th	Introduction to Biology
Sept 11	M	Mammals
Sept.13, 15	W, F	Phylogeny Lab
Sept 14	Th	Insects
Sept 18	M	Prokaryotes
Sept 20, 22	W, F	Bird Lab
Sept 21	Th	Sexual Selection
Sept 25	M	Kin Selection
Sept 27, 29	W, F	Crustacean Lab
Sept 28	Th	Natural Selection
Oct 2	M	Protozoans
Oct 4, 6	W, F	Protozoan Lab
Oct 5	Th	Evolution Review
Oct 9	M	NO CLASS
Oct 11, 13	W, F	Flatworm Lab
Oct 12	Th	Evolution Review
Oct 16	M	Genes and Plasticity
Oct 18, 20	W, F	EXAM 1
Oct 19	Th	Biodiversity
Oct 23	M	Plants
Oct 25, 27	W, F	Plant Lab
Oct 26	Th	Arthropods
Oct 30	M	Amphibians
Nov 1, 3	W, F	Angiosperm Lab
Nov 2	Th	Fungi
Nov 6	M	Gymnosperms
Nov 8, 10	W, F	Fungi Lab
Nov 9	Th	Invertebrates
Nov 13	M	NO CLASS
Nov 15, 17	W, F	Invertebrate Lab
Nov 16	Th	Fish
Nov 20	M	Indicators for Biodiversity
Nov 22, 24	W, F	Selection Lab
Nov 23	Th	Chordates
Nov 27	M	Diversity Review
Nov 29, Dec 1	W, F	Chordate Lab
Nov 30	Th	Diversity Review
Dec 4	M	Threats to Biodiversity
Dec 6, 8	W, F	EXAM 2
Dec 7	Th	Biodiversity Review
Dec 11-15	M-F (Times & Room TBA)	EXAM 3

5. Basis of Student Assessment (Weighting)

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

- (a) Lecture Assignments = 20%
- (b) Laboratory Assignments = 20%
- (e) Exam 1 = 20%

- (f) Exam 2 = 20%
- (e) Exam 3 = 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.