



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 12:00-1:20PM in Young 211

Biology 002A/B Lectures Monday/Thursday 3:00-4:20PM in Fisher 200

Biology 001A Lab Wednesday 9:30-12:20PM in Fisher 244

Biology 001B Lab Tuesday 2:30-5:20PM in Fisher 244
 Biology 002A Lab Tuesday 9:30-12:20PM in Fisher 244
 Biology 002B Lab Wednesday 1:30-4:20PM in Fisher 244

DATE	Day	MAIN TOPIC
Jan 9	M	Scientific Method
Jan 10, 11	Tu, W	Taxonomy Lab
Jan 12	Th	Systematics
Jan 16	M	Mammals
Jan 17, 18	Tu, W	Flatworm Lab
Jan 19	Th	Chordates
Jan 23	M	Birds
Jan 24, 25	Tu, W	Chordate Lab
Jan 26	Th	Insects
Jan 30	M	Sexual Selection
Jan 31, Feb 1	Tu, W	Crustacean Lab
Feb 2	Th	Invertebrates
Feb 6	M	Kin Selection
Feb 7, 8	Tu, W	Invertebrate Lab
Feb 9	Th	Natural Selection
Feb 13	M	NO CLASS
Feb 14, 15	Tu, W	NO LABS
Feb 16	Th	NO CLASS
Feb 20	M	Evolution Review
Feb 21, 22	Tu, W	Selection Lab
Feb 23	Th	Evolution Review Continued
Feb 27	M	Genes and Plasticity
Feb 28, Mar 1	Tu, W	EXAM 1
Mar 2	Th	Fungi
Mar 6	M	Genetics
Mar 7, 8	Tu, W	Fungi Lab
Mar 9	Th	Plants
Mar 13	M	Arthropods
Mar 14, 15	Tu, W	Plant Lab
Mar 16	Th	Amphibians
Mar 20	M	Gymnosperms
Mar 21, 22	Tu, W	"Weed" Lab
Mar 23	Th	Protists
Mar 27	M	Fish
Mar 28, 29	Tu, W	Protist Lab
Mar 30	Th	Bacteria
Apr 3	M	Diversity Review
Apr 4, 5	Tu, W	Biodiversity Lab
Apr 6	Th	Diversity Review Continued
Apr 10	M	Angiosperms
Apr 11, 12	Tu, W	EXAM 2
Apr 13	Th	Threats to Biodiversity
Apr 18-22	Tu-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.