



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

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 8:30-9:50AM in Young 211

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

Biology 001B Lab Tuesday 9:30AM-12:00PM in Fisher 222

DATE	FORMAT	MAIN TOPIC
Jan 6,7	Lab	Systematics Lab
Jan 7	Lecture/Discussion	Fungi
Jan 9	Case Study/Discussion	Plants
Jan 13,14	Lab	Flatworm Study
Jan 14	Note Making/Discussion	Protozoan Notes
Jan 16	Case Study/Discussion	Arthropods
Jan 20,21	Lab	Protozoan Lab
Jan 21	Case Study/Discussion	Galapagos Islands
Jan 23	Case Study/Discussion	Kin Selection
Jan 27,28	Lab	Crustacean Study
Jan 28	Note Making/Discussion	Invertebrate Notes
Jan 30	Case Study/Discussion	Sexual Selection
Feb 3,4	Lab	Invertebrate Lab
Feb 4	Case Study/Discussion	Natural Selection
Feb 6	Case Study/Discussion	Speciation
Feb 10,11	EXAM	EVOLUTION EXAM
Feb 11	Note Making/Discussion	Fungi Notes
Feb 13	NO CLASS	READING BREAK
Feb 17,18	Lab	Mollusk Study
Feb 18	Note Making/Discussion	Plant Notes
Feb 20	Case Study/Discussion	Fish
Feb 24,25	Lab	Fungi/Plants Lab
Feb 25	Lab in Class	Systematics Study
Feb 27	Case Study/Discussion	Mammals
Mar 3,4	Lab	Selection and Sowbugs Lab
Mar 4	Note Making/Discussion	Chordate Notes
Mar 6	Case Study/Discussion	Evolution of Populations
Mar 10,11	Lab	Chordate Lab
Mar 11	Case Study/Discussion	Insects
Mar 13	Case Study/Discussion	Native Plants
Mar 17,18	Lab	Plant Study
Mar 18	Note Making/Discussion	Prokaryote Notes
Mar 20	Case Study/Discussion	Birds
Mar 24,25	Lab	Bird Study
Mar 25	Case Study/Discussion	Reptiles
Mar 27	Case Study/Discussion	Amphibians
Mar 31, Apr 1	Lab	Nematode Study
Apr 1	Case Study/Discussion	Echinoderms
Apr 3	NO CLASS	GOOD FRIDAY
Apr 7,8	EXAM	DIVERSITY EXAM
Apr 8	Case Study/Discussion	Native Mammals
Apr 10	Case Study/Discussion	Final Exam Review
TBA	Final Exam	Cumulative

5. Basis of Student Assessment (Weighting)

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

- (a) Lecture Assignments = 35%
- (b) Laboratory Assignments = 35%
- (c) Diversity Exam = 10%
- (d) Evolution Exam = 10%
- (e) Final Exam = 10%

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.