



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 the mechanics of natural selection and speciation.
4. Discuss the nature of scientific knowledge; its limits and strengths, and how it is produced.
5. Explain basic concepts in population and community ecology.
6. Recognize and explain the major threats to biodiversity and ecosystem processes, and ways in which these threats might be mitigated.

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 102-001A/B Lectures Wednesday and Friday 10:30-11:50AM in Young 201

Biology 102-001A Lab Monday 9:30AM-12:20PM in Fisher 244

Biology 102-001B Lab Monday 1:30PM-4:20PM in Fisher 244

DATE	ACTIVITY	MAIN TOPIC
Jan 5	Lab Activity	Introduction to Biology
Jan 7	Classroom Activity	Process of Science
Jan 9	Classroom Activity	Scientific Method
Jan 12	Lab Activity	Population Ecology
Jan 14	Classroom Activity	Protist Lecture
Jan 16	Classroom Activity	Native Beetle
Jan 19	Lab Activity	Protists
Jan 21	Classroom Activity	Introduction to Evolution
Jan 23	Classroom Activity	Natural Selection
Jan 26	Lab Activity	Community Ecology
Jan 28	Classroom Activity	Invertebrate Lecture
Jan 30	Classroom Activity	Selection and Birds
Feb 2	Lab Activity	Invertebrates
Feb 4	Classroom Activity	Evidence for Evolution
Feb 6	Classroom Activity	Speciation
Feb 9	NO LAB	FAMILY DAY
Feb 11	Classroom Activity	Fungi Lecture
Feb 13	NO CLASS	READING BREAK
Feb 16	Lab Activity	Gastropods
Feb 18	Classroom Activity	Plant Lecture
Feb 20	Classroom Activity	Native Fish
Feb 23	Lab Activity	Fungi and Plants
Feb 25	Classroom Activity	Systematics
Feb 27	Classroom Activity	Food Chains/Webs/Pyramid
Mar 2	Lab Activity	Evolution
Mar 4	Classroom Activity	Chordate Lecture
Mar 6	Classroom Activity	Biodiversity Crisis
Mar 9	Lab Activity	Chordates
Mar 11	Classroom Activity	What is a Pest
Mar 13	Classroom Activity	What is a Weed
Mar 16	Lab Activity	Seeds
Mar 18	Classroom Activity	Bacteria Lecture
Mar 20	Classroom Activity	Native Birds
Mar 23	Lab Activity	General Ecology
Mar 25	Classroom Activity	Reptiles
Mar 27	Classroom Activity	Native Amphibians
Mar 30	Lab Activity	Biodiversity
Apr 1	Classroom Activity	Ecological Interactions
Apr 3	NO CLASS	GOOD FRIDAY
Apr 6	NO LAB	EASTER MONDAY
Apr 8	Classroom Activity	Species at Risk
Apr 10	Classroom Activity	Native Mammals

5. Basis of Student Assessment (Weighting)

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

- (a) Lecture Assignments = 50%
- (b) Laboratory Assignments = 50%

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 ^d 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.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED

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.