



BIOLOGY 0861 SEC. 431 – CRN 44350

COURSE OUTLINE – WINTER 2020

Instructor:	Maria Morlin Office: 3257i • Email: mariacoho@telus.net
Textbook:	Miller, K.R. and Levine, J. <i>Biology</i> , Prentice Hall (available in library)
Supplement:	Lab manual: supplement for Biology 0861/0871
Website:	sciencerocks.ca – lab manual and lectures here
Classes:	Tuesday/Thursday: 8:30-12:30, room 3275
Office hours:	Tues: 12:30-1:30 pm, Mon/Wed 6:00-6:30 pm

Unit	Topics	Text Chapters	Labs/Field trips/Assignments DATES TBA	
One Jan 7-23	Intro to biology, organization	1		
	Ecology and Energy	3		
	Ecosystems, Communities	4		
	Climate and Biomes, B.C.	4		
	Succession & adaptations	4	Fri Jan 24	Bog field trip
	Populations and Biodiversity	6		- Camosun bog
	Forests (and fire)	3&4		
	Aquatic Ecology EXAM 1		Fri Feb 7	Forest field trip - Stanley Park
Two Jan 28- Feb 13	Evolution	15		Microscope lab
	Natural selection, speciation	16	Fri Feb 21	Marsh field trip
	origins of life	17		- Jericho pond
	Phylogeny	18		- Pond life lab
	EXAM 2			
Three Feb 17-27	Microbiology, viruses, bacteria	19	Tues Feb 18	Bacteria lab
	Protists	20	Thur Feb 20	Protist lab
	Fungi	21	Tues Feb 21	Fungus lab
	FINAL EXAM		Alt Field	Camosun Jan 24 Stanley Park Feb 7

NOTE: This schedule is tentative and likely to change.

Evaluation

Three exams (20% each)	60%
Plant collection	10%
Written research assignment	10%
Lab assignment	10%
Field notes (3)	10%

VCC Grading Policy

A+	90-100%	B	72-75%	C-	55-59%
A	85-89%	B-	68-71%	D	50-54%
A-	80-84%	C+	64-67%	F	Below 50%
B+	76-79%	C	60-63%		

Goals

This course is designed to:

- give you half of Biology 11
- help you become more experienced in the laboratory
- provide field exposure to ecosystems
- improve your writing proficiency via written reports and field notes
- help you become more aware of ecology, evolution and microbiology

Policy guidelines

Exams, labs

Examinations and lab sessions **may not be missed** unless permission from the instructor is obtained in advance, or a note from a doctor or other authority is presented. Make up exams are in the last week of classes.

The final exam must be written to pass the course.

Copying

Copying of exams, lab reports or field notes will result in a zero mark.

Assignments

Assignments are due at the beginning of class on the due date. Late assignments will have 5% deducted/day.

Attendance

Attendance is mandatory, particularly at labs as there are no make-up labs. Three absences may result in RW (required to withdraw). Always inform the instructor of unavoidable absences.

Good luck and have a great term!!
