



**University
of Victoria**

**BIOL 150B – MODERN BIOLOGY
Section 01 – SPRING 2021**

Instructor: Dr. Janaina Brusco

Email: jbrusco@uvic.ca

Office: Zoom link found on Brightspace

Office hours: Tuesdays, 11am-12pm

Teaching Assistant: Malcolm Cowan

Office hours: Tuesdays and Wednesdays, 3-4pm

Course description: An introduction to biological science, emphasizing cellular and physiological processes. Topics include principles of genetics, cell biology, plant physiology and animal physiology.

Textbook: Campbell Biology – Concepts and Connections, Canadian edition.
You will not need digital access to the publisher’s website.

Course Material: Lecture notes will be available before class on Brightspace.
Zoom lectures will be recorded and available on Brightspace for 48h.
Exams will be based on lecture material, but the textbook is recommended to reinforce concepts.

Evaluation	
Midterm 1	30%
Midterm 2	35%
Final Exam	35%

Letter grade conversion			
A+ 90-100	B+ 77-79.5	C+ 65-69.5	D 50-59.5
A 85-89.5	B 73-76.5	C 60-64.5	F Under 49.5
A- 80-84.5	B- 70-72.5		

Course Policies:

- There will be **no deferred or supplemental midterm or final exams**. If you miss the midterm for a documented medical reason, the evaluation breakdown will be adjusted accordingly. Make-up final exams will only be considered if a formal Request for Academic Concession (RAC) is provided. RAC is available from Undergraduate Admissions and Records in the University Centre.
- **The final exam is scheduled by the University.** Do not make any plans for that period until you know your schedule!
- Final grades will be assigned on the basis of UVic’s official grading scale with ‘F’ and ‘N’ as per university regulations.
- The last date for course withdrawal without academic penalty (‘F’) is February 28th.

Course Schedule*

Week of	Lecture Topic	Chapter
Jan 11	Exploring Biology Chemistry of Life	1 2
Jan 18	Molecules of Cells	3
Jan 25	Cellular Structure Cellular Function	4 5
Feb 1	DNA replication, Gene Expression	10
Feb 8	Midterm 1 (Feb 09) Cellular Respiration Photosynthesis	Ch. 1, 2, 3, 4, 5, 10 6 7
Feb 15	Reading Break	
Feb 22	Plant structure, growth, and reproduction Nutrition in plants Animal Structure and Function	22 23 25
Mar 01	Digestive System and Nutrition	26
Mar 08	Midterm 2 (Mar 05) Respiratory System	Ch. 6, 7, 22, 23, 25, 26 27
Mar 15	Cardiovascular System Blood and The Urinary System	28
Mar 22	Reproduction and Development	30
Mar 29	The Immune System	34
April 05	The Nervous System	31
April 15 th - 27 th	Final Exam Period	Ch. 27, 28, 30, 31, 34

***The lecture schedule is flexible; various topics may or may not be given on the dates shown above**