



Instructor: Janaina Brusco PhD

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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.

Web Material: The slides for each lecture will be made available one week before class on the CourseSpaces site. Exams will be based on lecture material, but readings from the text will help reinforce the concepts.

Evaluation	
Midterm 1	20%
Midterm 2	30%
Final Exam	50%

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!
- **No electronic devices** will be permitted during the midterms and final exam. Please bring a photo ID to both midterm exams and the final exam. During exams, invigilators cannot answer questions. However, if you believe a question has no correct answer, or more than one correct answer, please bring your concerns to the attention of an invigilator as soon as possible after the exam.
- 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 28 February 2019.
- Cellphones are not allowed during class and computers may be used for lecture purposes only.

Course Schedule*

Week of	Lecture Topic	Chapter
Jan 7	Exploring Biology	1
Jan 14	Chemistry of Life Molecules of Cells	2 3
Jan 21	Cellular Structure Cellular Function	4 5
Jan 28	DNA replication, Gene Expression	10
Feb 4	Midterm 1 (Feb 05) Cellular Respiration Photosynthesis	Chapters 1-5 and 10 6 7
Feb 11	Plant structure, growth, and reproduction Nutrition in plants Animal Structure and Function	22 23 25
Feb 18	Reading Break	
Feb 25	Digestive System and Nutrition	26
Mar 04	Midterm 2 (Mar 05) Respiratory System	Ch. 6, 7, 22, 23, 25, 26 27
Mar 11	Cardiovascular System Blood and The Urinary System	28
Mar 18	Reproduction Human Development	30
Mar 25	The Immune System	34
April 1	The Nervous System	31

***The lecture schedule is flexible, i.e. various topics may or may not be given on the dates shown above**