



**Instructor:** Dr. Janaina Brusco

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**Office hour:** Tuesdays, 2:30-3:30

**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 the CourseSpaces website. Exams will be based on lecture material, but the textbook will reinforce the 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!
- **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, I cannot answer questions. However, if you believe a question has no correct answer, or more than one correct answer, please bring your concerns to my attention immediately 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	<b>Midterm 1 (Feb 05)</b> Cellular Respiration Photosynthesis	<b>Ch. 1, 2, 3, 4, 5, 10</b> 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	<b>Midterm 2 (Mar 05)</b> Respiratory System	<b>Ch. 6, 7, 22, 23, 25, 26</b> 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
April 8- 27	<b>Final Exam Period</b>	<b>Ch. 27, 28, 30, 34, 31</b>

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