

BIOLOGY 184 Evolution and Biodiversity

Department of Biology, University of Victoria

Fall 2019

Course description

This course will survey all of biological diversity – prokaryotes, protists, plants, fungi and animals – and will use a fundamental fact of the living world, evolution, to tie together this diversity. It will also introduce genetics.

Lecture meetings

A01 – Monday and Thursday, 8:30 – 9:50 AM, Bob Wright B150

A02 – Monday and Thursday, 11:30 AM – 12:50 PM, Bob Wright B150

A03 – Monday and Thursday, 3:30 – 4:50 PM, Bob Wright B150

Lecture instructors

- Dr. Greg Beaulieu, Petch 006, phone 250-721-7140. Email gregoryb@uvic.ca.

If you send an email, please put "Biology 184" in the message line.

Office hours: Wednesday, 10:30 AM – 12:00 noon

Dr. Beaulieu will also be serving as **course coordinator**, so if you have any course business or other issues, apart from lab business, he is the person to see.

- Dr. Patrick von Aderkas, Petch 052a, phone 250-721-8925.
Email: pvonader@uvic.ca.

Required text

Campbell Biology, second Canadian edition, by Reece, Urry, Cain, Wasserman, Minorsky and Jackson. The text has a picture of male pine cones on the cover. It is available in the UVic Bookstore and in SubText. This is the same book that will be used in Biology 186.

We are still using the same text and edition as was used in Biology 184/186 last year, so used copies are available.

The text prices of various formats are as follows (as of August 27; this list of prices is not official):

UVic Bookstore –

- new book \$166.75 (includes access to the publisher's website, Mastering Biology, and the etext)
- used book \$125.25 (does not include Mastering Biology or etext access)
- etext + Mastering Biology \$115.00 (access for 180 days only)

SubText –

- used book \$90-\$145, depending on condition

As you see above, new copies of the text come with access to the publisher's website, Mastering Biology plus the etext. Some students find this access useful, but we do not require access in this course, so a used book will do fine. Biology 186 will not require website access either.

If you buy a new book, or if you buy the etext + Mastering Biology, you will need a course ID to get into the Pearson website. The course ID is BIOL184F2019.

If you decide to use some other edition of the book or some other biology text, for budgetary reasons or reasons of convenience, you will have to find the relevant pages in the book you have, based on the lecture material.

Labs

Labs begin on Monday, September 9. Please purchase a lab manual from the bookstore and bring it to the first lab. **You must come to your first lab to hold your place in the course.**

Students sometimes have challenges and queries pertaining to lab assignments and exams. If you have such an issue, your TA and the senior lab instructor will be happy to discuss it with you, but please raise the issue with them within one week after receiving the marked assignment or exam. We cannot consider appeals after that.

Course website

Biology 184 has a CourseSpaces website, where you will find lecture and lab notices, test results, practice questions, exam information, links and lecture notes. Please check the site before each class and lab.

Class conduct

We ask you to be mindful of where you are, and to treat the people around you with respect and courtesy. Talking in class, texting and surfing are all irksome to students sitting nearby and to the instructor. Please turn your cell phones and all social media sites OFF during class time.

Final Exam (December final exam period)

- The final exam will involve some questions from the lecture (all multiple choice), and some from the lab. The lecture material will be cumulative, meaning that the exam will test all lecture topics of the course, but with an emphasis on material covered in class since the midterm. The lab exam will not be cumulative. The lecture questions will count 45% of your course grade; the lab questions will be part of your overall lab grade.
- The final exam will be written in the McKinnon Gym at a time that will be scheduled by the university. The final exam schedule will be posted on the UVic website in early October.

Rooms for the midterm on Wednesday, October 16, 7:00 – 9:00 PM

<u>Last name</u>	<u>Exam room</u>
A – H	Bob Wright B150
I – O	David Lam Auditorium (MacLaurin A144)
P – S	David Strong C103
T – Z	Elliot 168

Deferred midterm exam

Students who have a commitment in another course (class, lab, tutorial) are eligible to write a deferred midterm exam. This will take place on Thursday, October 17, 7:00 – 9:00 PM, in Bob Wright B150.

If you have a course commitment on both Wednesday and Thursday evening, there will be a second deferred midterm writing on Saturday, October 19, 3:00 – 5:00 PM, in Bob Wright A104.

Please notify the course coordinator (Dr. Beaulieu, gregoryb@uvic.ca) before the exam if you have such a commitment and you wish to write a deferred exam.

The final exam can be deferred in cases of illness, accident, family affliction, or commitments as a UVic athlete. If you expect to miss the final exam for any of these reasons, please notify the course coordinator (Dr. Beaulieu, gregoryb@uvic.ca) as soon as possible, either by phone, email or in person. You must also fill out a Request for Academic Concession (RAC) form, available from Undergraduate Admissions and Records in the University Center or online (<http://www.uvic.ca/registrar/assets/docs/record-forms/rac.pdf>).

Travel plans are not a valid reason for missing the midterm exam or the final exam, even Christmas travel plans, and even if a plane ticket has been purchased for you by someone else without your knowledge. Do not make plans to leave Victoria in December until all your exams are finished.

This term, the final exam period ends for all faculties on Saturday, December 21; the last exam will be in the evening of that day. Your last exam might be on this date, or it might be sooner – you won't know until the final exam schedule is posted in October.

Deferred final exam

For those students who need to defer the final exam for any of the reasons listed above (illness, accident, family affliction, or commitments as a UVic athlete), the deferred final will be written on Saturday, January 11, 2020, 10:00 AM – 1:00 PM, in Bob Wright A104.

This constitutes your official notice of the time and place.

Grading

At the University of Victoria, grades are submitted by instructors as percentages. These will be converted to letter grades by administration, according to the grading scale given in the university calendar.

We cannot change your grade, except if we have made an error in determining it. There is no extra work that you can do to raise your grade. *Please do not ask us to raise your grade because you need or want a higher one.*

No supplemental final exam (second



