

BIOLOGY 400 History of Biology

Summer 2023

Department of Biology, University of Victoria

minute break every class, from approximately 1:20-1:30.

Instructor

Dr. Greg Beaulieu

Office: 006 Petch

Email: gregoryb@uvic.ca. If you send an email, please put "Biology 400" in the message line.

Phone: 721-7140

Office hours: Thursdays, 2:30 – 3:30, or by appointment.

Prerequisite

Third year standing.

Readings

I will post pdfs of selected readings on the Brightspace site when they become relevant as we progress through the course. There is no text or course pack to buy.

Brightspace website

Biology 400 has a Brightspace website. As a registered student in this course, you will automatically be enrolled in this site.

On the site you will find course business notices, lecture PowerPoints and pdfs, test results and so on. Please check the site before each class.

Course Topics (tentative)

- Ø Introduction
- Ø The roots of biology
- Ø Biology in the ancient world
- Ø The Islamic world and medieval Europe
- Ø Hidden and mythical organisms
- Ø The human body: the Scientific Revolution and after
- Ø The early days of microscopy
- Ø Biology and the emerging physical sciences: chemistry
- Ø Describing and arranging organisms
- Ø Biology and the emerging physical sciences: geology
- Ø Evolution before Darwin
- Ø Darwin
- Ø Cells, the units of life
- Ø Heredity
- Ø Evolution and genetics come together
- Ø The hereditary material
- Ø TD Lysenko and Soviet biology

B. Evaluation

Components of your course grade

Packback participation	25% (See C below)
Midterm exam (Thursday, June 8; in class)	30%
Final Exam (Thursday, June 29; in class)	45%
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	100%

Writing the final exam and passing Packback participation are both essential components of the course. If you do not do both, you will receive a grade of N.

Midterm exam

Thursday, June 8; in class, in person.

Format: multiple choice.

Final exam

Thursday, June 29; in class, in person.

Format: multiple choice + written essay

Part 1 – There will be a noncumulative multiple choice section worth half of the exam points; these questions will be concerned with material we have covered since the midterm.

Part 2 – The exam will also have an essay question that will require a written answer of 500 – 600 words or so; you will be asked to integrate various parts of the entire course in your answer to this question. This essay will be worth the other half of the final exam points.

Exam Policy

No electronic devices will be permitted during the midterm or final exam.

If you must miss the midterm for a valid reason (illness, accident, personal or family affliction, participation in an important cultural, community or sporting event), your final mark will be calculated on the basis of the other components of the course, and you will not incur any penalty. If you expect to miss the midterm for any of the above reasons, please notify mw as soon as possible (gregoryb@uvic.ca). You will not need supporting documentation if you miss the midterm for a medical reason.

The final exam can be missed and deferred for the same reasons listed above for missing the midterm (illness, accident, personal or family affliction, participation in an important cultural, community or sporting event).

- If you expect to miss the final exam, please notify me as soon as possible (gregoryb@uvic.ca).
- To make your deferred status official in the eyes of the university, you must fill out a Request for Academic Concession (RAC) form, available from Undergraduate Admissions and

No supplemental final exam (second-chance final exam) will be given in this course, although, as

Packback Deadlines

The deadline for your one question and three responses each week is Saturday at 11:59 PM, PDT. The full list of deadlines:

Saturday, May 20, 11:59 PM (PDT)

Saturday, May 27, 11:59 PM (PDT)

Saturday, June 3, 11:59 PM (PDT)

Saturday, June 10, 11:59 PM (PDT)

Saturday, June 17, 11:59 PM (PDT)

Saturday, June 24, 11:59 PM (PDT)

Coupla more notes

I will not be looking at all your posts and replies, but I will be reading some of the posts every week. This is for my own interest. I will not interfere with the system's grading.

When you post either a question or a reply, please try to bear in mind and practice

UVic official territorial acknowledgement

“We acknowledge and respect the l k n peoples on whose traditional territory the university