BIOCHEMISTRY 300A A01 – COURSE OUTLINE

Term 202109

Territorial acknowledgement - We acknowledge and respect the lək̓ʷəŋən peoples on whose traditional territory the university stands and the Songhees, Esquimalt and W̱SÁNEĆ peoples whose historical relationships with the land continue to this day.

Inclusivity statement - this classroom is one where everyone will be treated with respect, and I welcome individuals for all ages, backgrounds, beliefs, ethnicities, genders, gender identities, gender expressions, national origins, religious affiliations, sexual orientations, ability-and other visible and nonvisible differences. All members of this class are expected to contribute to a respectful, welcoming, and inclusive environment for every other member of the class.

Place: ECS 123
Time: Tuesday, Wednesday, Friday: 11:30 am-12:20 pm
***Textbook*:** Biochemistry by Berg, Tymoczko, Gatto Jr. and Stryer, 9th edition
Instructor: Dr. M.J. Boulanger email: mboulang@uvic.ca.

Sept 8 Introduction to Bioc 300A
REVIEW - Concepts from chemistry, Chapter 1
Protein composition and structure, Chapter 2
Protein folding, Chapter 2
Exploring proteins and proteomes, Chapter 3
Exploring evolution and bioinformatics, Chapter 6
Hemoglobin – portrait of a protein in action, Chapter 7

Oct 1 **Midterm exam #1 – online (40%)**

Enzymes – basic concepts, Chapter 8
Enzymes – kinetics, Chapter 8
Enzymes – inhibition, Chapter 8
Catalytic strategies, Chapter 9
Regulatory strategies, Chapter 10

Oct 29 **Midterm exam #2 – online (45%)**

Carbohydrates, Chapter 11
Lipids and cell membranes, Chapter 12
Drug development, Chapter 28

Nov 30 **Midterm exam #3 – online (15%)**

Office hours: Thursday: 12:00 – 1:00 pm via Zoom

Sep 16, 2021 12:00 PM
Sep 23, 2021 12:00 PM
Sep 29, 2021 2:30-3:30 PM (NOTE – WED time slot)
Oct 7, 2021 12:00 PM
Oct 14, 2021 12:00 PM
Oct 21, 2021 12:00 PM
Oct 28, 2021 12:00 PM
Nov 4, 2021 12:00 PM
Nov 8, 2021 10:00-11:00 AM (NOTE – MON time slot)
Nov 18, 2021 12:00 PM
Nov 25, 2021 12:00 PM

Join Zoom Meeting
https://uvic.zoom.us/j/86815145971?pwd=MnpSR21ENS9ZRE0yMWJ4L043bHlJUT09

Meeting ID: 868 1514 5971
Password: 192719

Course Structure:

1. Bioc300A lectures will be delivered *in-person*
2. PPT slides will be made available through Brightspace.
3. Exams will be written online
4. No lectures will be delivered on exam days.
5. Exams marks will be posted, but exams will not be returned.

UVic Grading Scheme

A+	90 -100	**B+**	77 - 79	**C+**	65 - 69	**F**	< 50
A	85 - 89	**B**	73 - 76	**C**	60 - 64	**N ****	< 50
A-	80 - 84	**B-**	70 - 72	**D**	50 - 59		

** N grades
Students who have completed the following elements will be considered to have completed the course and will be assigned a final grade:

- *All 3 midterm exams (unless with permission of the instructor)*

Failure to complete one or more of these elements will result in a grade of "N" regardless of the cumulative percentage on other elements of the course. An N is a failing grade, and it factors into a student's GPA as 0. The maximum percentage that can accompany an N on a student's transcript is 49.

DEPARTMENT INFORMATION AND POLICIES

1. The Department of Biochemistry and Microbiology upholds and enforces the University's policies on academic integrity. These policies are described in the current University Calendar. All students are advised to read this section.

2. Cell phones, computers, and other electronic devices must be turned off at all times during live class sessions unless being used for the purpose of connecting and engaging with the class.

3. *No recordings of live lectures are permitted without permission of the instructor*.

4. *Students and instructors are expected to assess their health daily and avoid campus if they are ill.*

5. Course materials, such as notes, problem sheets, quizzes, examinations, example sheets, or review sheets, may not be redistributed without the explicit written permission of the instructor.

6. Students are expected to be available for all exams. Instructors may grant deferrals for midterm examinations for illness, accident, or family affliction. Although students do not require documentation, students must contact their instructor and BCMB office (biocmicr@uvic.ca) with the reason for their absence within 48 hours after the midterm exam. The Department will keep a record of the absences. It is the responsibility of the student to ensure all required components are complete, and to arrange deferred exams/assignments with the instructor, which normally should occur within one week of the original exam date.

7. The Department of Biochemistry and Microbiology considers it a breach of academic integrity for a student taking a deferred examination to discuss the exam with classmates. Similarly, students who reveal the contents of an examination to students taking an examination are considered to be in violation of the University of Victoria policy on academic integrity (see current University Calendar). Students must abide by UVic academic regulations and observe standards of scholarly integrity (no plagiarism or cheating). Online exams must be taken individually and not with a friend, classmate, or group, nor can you access notes, course materials, the internet, or other resources without the permission of the instructor. You are prohibited from sharing any information about the exam with others. Use of unauthorized electronic devices and accessing the internet and class material during exams is prohibited unless permission is granted by the instructor. Instructors may use Browser Lockdown Software to block access during classes and exams.

8. Deferral of a final exam must be requested with an Academic Concession form and submitted directly to Undergraduate Records. Deferred final exams for fall term courses will be arranged by the instructor. Deferred final exams or spring term courses will be arranged through Undergraduate Records and must be written before the end of the summer term as stipulated in the University Calendar.

9. The instructor reserves the right to use plagiarism detection software or other platforms to assess the integrity of student work.

10. Supplemental exams or assignments will not be offered to students wishing to upgrade their final mark.

11. Anonymous participation in online classes is not permitted without permission of the instructor.

Important note about COVID-related stress
The current pandemic is placing added stressors- financial, mental, and physical- on everyone. Your wellbeing is of foremost importance. If you are experiencing difficulties coping, the University has resources to help. Please reach out to Counselling Services, the Centre for Academic Communication, or Learning Assistance Program for assistance.

Centre for Accessible Learning
Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, approach the Centre for Accessible Learning (CAL) as soon as possible in order to assess your specific needs.
https://www.uvic.ca/services/cal/index.php

Universal washrooms
https://www.uvic.ca/facilities/assets/docs/washrooms/gender-inclusive-washrooms-list-v1-20200116.pdf

Course Experience Survey (CES)
We value your feedback on this course. Towards the end of term you will have the opportunity to complete a confidential course experience survey (CES) regarding your learning experience. The survey is vital to providing feedback to us regarding the course and our teaching, as well as to help the department improve the overall program for students in the future. When it is time for you to complete the survey, you will receive an email inviting you to do so. If you do not receive an email invitation, you can go directly to your CES dashboard. You will need to use your UVic NetLink ID to access the survey, which can be done on your laptop, tablet or mobile device. We will remind you nearer the time but please be thinking about this important activity.