

BIOCHEMISTRY 300B
General Biochemistry II
Course Outline: Summer 2019

Place: Cornett B143
Time: Mondays (8:30 – 10:20),
Tuesday & Friday (10:30 – 12:20)

Textbook: Biochemistry by Berg, Tymoczko, and Stryer, 8th edition
Web site: UVic CourseSpaces

Instructor: **Dr. Vanessa C Thompson**
Office: Petch 191
Office hours: M 10:30-11:30; T 1:30-2:30 pm (or by appointment)*
email: vanessathompson@uvic.ca

* No office hours will be offered the day before an exam.

Course Description: BIOC 300B in conjunction with BIOC300A provides detailed coverage of foundation topics for students majoring in biochemistry or microbiology. In this course, the structures and functions of DNA, RNA and genes are discussed along with the regulation of gene expression in prokaryotes and eukaryotes. Also discussed are metabolic processes and their control. Students need to have a good understanding of the principles of cell biology and organic chemistry before taking this course.

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>

Course Organization and Marking:

Three examinations will be held:

The first exam will cover material taught from July 3 to July 15 inclusive, and will be held during class time on July 19. The second exam will cover material taught from July 16 to July 29 inclusive, and will be held during class time on August 2. The third exam will be held August 19 and will encompass what has been taught during the last section, from July 30 to August 16, inclusive.

The final grade will be obtained from the average of the grades obtained in each of these parts.

Students may only bring their calculator, pens, and pencils to the class tests. Students having a cell phone, tablet, or/Fu67m 0.0

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 exams will be considered to have completed the course and will be assigned a final grade:

Exams:

Exam 1	Friday, July 19, 2019
Exam 2	Friday, Aug 2, 2019
Exam 3	Monday, August 19, 2019

Failure to complete one or more of these exams 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 maximumm

Lecture Content: Each lecture will conform approximately to the organization used in the text. Additional material and examples may be added by the lecturer and will be posted on CourseSpaces. Readings from the text for each lecture have been assigned and must be read *prior* to the lecture. Information designed to guide students with the readings is available on CourseSpaces. Students are responsible for the lecture material and reading assignments for the in-class tests. **There is no final exam in this course.**

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 unless being used for a purpose relevant to the class. Students having a cell phone, tablet, or computer on their person during an exam will be assumed to have it for the purpose of cheating.
3. Any recordings of lectures may only be performed with written permission of the instructor, and are for personal use only. The instructor retains copyright to such recordings and all lecture materials provided for the class (electronic and otherwise); these materials must not be shared or reposted on the Internet.
4. 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.
5. Students are expected to be present for the midterm and final exams. Instructors may grant deferrals for midterm examinations for illness, accident, or family affliction, and students must provide appropriate documentation 48 hours after the midterm exam. 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 a deferred examination are considered to be in violation of the University of Victoria policy on academic integrity (see current University Calendar). Deferral of a final exam must be requested with an Academic Concession form and submitted

has been completed, either in class or from the instructor.

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