

## **BCMB 301A Expected Learning Outcomes**

In BCMB 301A, you will have the opportunity to employ fundamental biochemical, microbiological and molecular biological laboratory techniques to investigate experimental problems. Using data generated in a range of experiments, you will learn to apply relevant theoretical concepts to analyse the data and evaluate experimental outcomes. In addition to developing analytical and practical laboratory skills, you will develop problem solving and critical thinking skills by relating acquired knowledge to new problems or trouble-shooting questions. Time management skills will be developed through efficient organization of experimental components.

Upon successful completion of BCMB301 you will have an understanding of principles studied and be able to apply that understanding to new problems; you will be able to communicate scientific principles effectively; and keep accurate records of your solution preparation.

## **What to Expect in BCMB 301A Summer 2021**

BCMB 301 labs will be held in Petch 145. In the lab students will work independently, with the support of a lab instructor and a teaching assistant (TA), to complete the lab protocol. To accommodate the requirements for social distancing there is a maximum of 16 students in the summer lab session. The reduced number of students in the lab each week will ensure social distancing measures can be maintained but it will also increase the level of assistance that you can receive from the lab instructor and TA. Independent work stations will minimize the need to move around the lab to access communal equipment. Additional safety strategies that will be employed in lab include increased disinfection of work surfaces, communal equipment and high-touch surfaces, directional traffic flow in the lab and timed-entry. There will be a strict no illness policy for students and lab staff.

All assignments and assessments will be submitted electronically through UVic's learning management system, Brightspace. Lab instructors are dedicated to supporting the students and will continue to offer students support in and out of the lab. Office hours will be held over a 2 (ld) (t)-5 04-1an studen-Ind out aP,-1 (ge)-2(e)-2 (r)-1 (h)0e latuaty-5 ((e)-2 one sessions. Lab instructors will be also available to answer questions by email.

## Course Evaluation

The final mark will be based on:

Prelab Quizzes	5%
Discussion Quizzes	15%
Practical Assessments	15%
Lab Summaries	15%
Exam #1 (Labs 2 & 3)	10%
Exam #2 (Labs 4 & 6)	20%
Exam #3 (Labs 5 & 7)	20%

Final course percentages and assignment of letter grades\*:

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

\*All percentages will be rounded to the nearest whole number. For example, a



## BCMB 301A Laboratory Schedule Summer 2021

Week	Date	Day	Experiments Performed	Due Dates
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**Week Date Day**

**Experiments Performed**

**Due Dates**

## 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. Many online courses will be recorded by the instructor for accessibility for students unable to attend. If you do not wish to be recorded, contact your instructor to determine if alternative arrangements can be made.
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 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](mailto:biocmicr@uvic.ca)) with the reason for their absence within 48 hours after the midterm exam.

through Undergraduate Records and must be written before the end of the summer term as stipulated in the University Calendar.