

**THE UNIVERSITY OF BRITISH COLUMBIA**  
**Department of Biochemistry and Molecular Biology**  
**Teaching Assistantship Positions**  
**for 2022 - 2023 Winter Session**

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**Date of Posting:** April 6, 2022

Teaching Assistants are required for the 2022 Winter Session in the following course:

<b>BIOC 202</b>	<b>BIOC 203</b>	<b>BIOC 301</b>	<b>BIOC 302</b>
<b>BIOC 303</b>	<b>BIOC 402</b>	<b>BIOC 403</b>	<b>BIOC 410</b>
<b>BIOC 420</b>	<b>BIOC 421</b>	<b>BIOC 470</b>	

**BIOC 202 – Term 2**

1 Position

**Qualifications**

Applicants must have completed and passed course work equivalent to at least BIOC 303 and be (or expect to be) holders of a bachelor or Master degree in a relevant discipline and be full-time graduate students.

**Duties**

- 1) Attend lectures
- 2) Deliver online exam review sessions
- 3) Monitor and answer questions on piazza, email and zoom
- 4) Invigilate midterm and final examinations
- 5) Mark exams

**Hours of Work**

The percentage time will be based on the expected hours of assignment.

**BIOC 203 – Term 2**

2 Positions

**Qualifications**

Applicants must have completed and passed course work equivalent to at least BIOC 303 and be (or expect to be) holders of a bachelor or Master degree in a relevant discipline and be full-time graduate students.

**Duties**

- 1) Attendance at lectures
- 2) Student tutoring and providing tutorial sessions
- 3) Providing short lectures to students

- 4) Invigilation of University examinations
- 5) Attendance at course meetings
- 6) Marking of course projects and exams

### **Hours of Work**

The maximum time worked will be 92 hours (excluding vacation) per quarter-time appointment.

### **BIOC 301 – Term 1 and 2**

8 positions

### **Qualifications**

Applicants must have completed and passed course work equivalent to at least BIOC 301 and 303 and be (or expect to be) holders of a bachelor or Master degree in a relevant discipline and be full-time graduate students.

### **Duties**

- 1) Supervision and evaluation of students in the laboratory
- 2) Evaluation and correction of student assignments
- 3) Student tutoring as required, within reasonable limits
- 4) Invigilation of university examinations
- 5) Marking of BIOC 301 examinations

### **Hours of Work**

Quarter time - 1 Lab section (3 hours) /week. The maximum time worked will be 92 hours (excluding vacation) per quarter-time appointment.

### **BIOC 302 – Term 1 and 2**

2 Positions

### **Qualifications**

Applicants must have completed and passed course work equivalent to at least BIOC 302, be (or expect to be) holders of a Bachelor or Master degree in a relevant discipline, and be full-time graduate students working under the supervision of a faculty member at the University of British Columbia.

### **Duties**

- 1) Attendance of lectures or listening to lecture recordings
- 2) Student tutoring and providing tutorial sessions
- 3) Moderating discussions and answering to student's questions on Piazza discussion board
- 4) Invigilation of University examinations
- 5) Attendance at course meetings

### **Hours of Work**

The TA will provide three 2-hour tutorial sessions to BIOC 302 students each week and will be expected to attend BIOC 302 lectures (3 hours / week) as well as organizational meetings. TA will also moderate and answer student's questions on Piazza discussion board. The maximum time worked will be 92 hours (excluding vacation) per quarter-time appointment.

### **BIOC 303 – Term 1**

1 Position

### **Qualifications**

Applicants must have completed and passed course work equivalent to at least BIOC 303 and be (or expect to be) holders of a bachelor or Master degree in a relevant discipline and be full-time graduate students.

### **Duties**

- 1) Attendance at lectures
- 2) Providing tutorial sessions and Q&A sessions
- 3) Attendance at course meetings
- 4) Preparing new and learning old problem questions for tutorials and background reading
- 5) Preparing PowerPoint presentations for tutorials
- 6) Emailing students and answering PIAZZA discussion board questions
- 7) Helping set-up and invigilate midterm and final exam
- 8) Helping mark midterm and final exam

### **Hours of Work**

The TA will provide 1.5-hour tutorial sessions to BIOC 303 students each week and will be expected to attend BIOC 303 lectures (3 hours / week) as well as organizational meetings. The maximum time worked will be 46 hours (excluding vacation) per appointment.

### **BIOC 402 – Term 1**

2 Positions

### **Qualifications**

Applicants who are pursuing graduate research in a protein biochemistry or structural biology laboratory and must be holders of a Bachelor or Master degree in the current graduate programs and be full-time graduate students working under the supervision of a faculty member at the University of B.C. Strong background in protein structure and function, and competence in using protein structural analysis programs such as PyMol and Chimera are preferred.

### **Duties**

- 1) Attend three 50 minute lectures/week (M,W,F 9- 9:50am).
- 2) Prepare and conduct one 50 minutes tutorial weekly.
- 3) Format of tutorials ranges from a 10 - 15 minute mini lecture in combination with a question-and-answer session to facilitating exercises.

- 4) Answer questions in person during tutorials, by email and in online forum.
- 5) Invigilate two mid-term and one final examination.
- 6) Assist in marking two mid-term and one final examination.

### **Hours of Work**

The maximum time worked will be 92 hrs (excluding vacation) per quarter-time appointment.

## **BIOC 403 – Term 2**

1 Position

### **Qualifications**

Applicants must have completed a bachelor or master degree in a relevant discipline and be a full-time graduate student at the University of British Columbia. Completed BIOC403 or an equivalent Enzymology course. Applicants should have good communication skills and enjoy facilitating student discussions.

### **Duties**

- 1) Learning and comprehending material taught in the course
- 2) Facilitating discussion with students during lecture by the senior instructor
- 3) Answering questions via e-mail and the discussion board
- 4) Evaluating student assignments, including invigilating and marking exams
- 5) Assisting faculty as needed with updating their current slides

### **Hours of Work**

Lectures are Mon Wed & Fri 9 – 9:50 am. Teaching Assistants will be expected to prepare for lecture, answer questions and evaluate student assignments outside of class time. The hours for preparation, grading and answering questions are flexible. The maximum time worked will be 92 hrs (excluding vacation) for this quarter-time appointment.

## **BIOC 410 – Term 1**

2 Positions

### **Qualifications**

Applicants must have completed and passed course work equivalent to at least BIOC 410, be (or expect to be) holders of a Bachelor or Master degree in a relevant discipline, and be full-time graduate students working under the supervision of a faculty member at the University of British Columbia.

### **Duties**

- 1) Attendance at lectures
- 2) Student tutoring and providing tutorial sessions
- 3) Providing short lectures to students on course background material
- 4) Marking assignments
- 5) Invigilation of University examinations

- 6) Attendance at course meetings

### **Hours of Work**

The TA will provide three 1-hour tutorial sessions to BIOC 410 students each week and will be expected to attend BIOC410 lectures (3hrs/week), as well as organizational meetings. The maximum time worked will be 92 hrs (excluding vacation) per quarter-time appointment.

## **BIOC 420 – Term 1**

2 Positions

### **Qualifications**

Applicants must have completed and passed course work equivalent to at least BIOC 420, have completed a bachelor or master degree in a relevant discipline and be a full-time graduate student at the University of British Columbia.

### **Duties and Hours of Work**

- 1) Attending weekly class meetings – typically 1.5 hrs per week sometimes longer
- 2) In lab supervision – typically 4 hrs per week with some weeks longer
- 3) Providing 2 informal tutorial sessions on preparing lab reports
- 4) Marking/feedback for lab reports - approximately 15 reports for each of 2 projects
- 5) Answering student questions
- 6) Possible exam invigilation

### **Hours of Work**

The maximum time worked will be 184 hours (excluding vacation).

## **BIOC 421 – Term 2**

4 Positions

### **Qualifications**

Applicants must have completed and passed course work equivalent to at least BIOC 421, have completed a bachelor or master degree in a relevant discipline and be a full-time graduate student at the University of British Columbia.

### **Duties and Hours of Work**

- 1) Attend weekly class meeting – typically 1hr per week
- 2) In lab supervision – typically 4 hours per week
- 3) Marking/feedback for lab reports - approximately 12 reports for each of 2 projects
- 4) Answering student questions
- 5) Possible exam invigilation

### **Hours of Work**

The maximum time worked will be 92 hours (excluding vacation) per quarter-time appointment.

## BIOC 470 – Term 2

3 Positions

### Qualifications

Applicants must have completed a bachelor or master degree in a relevant discipline and be a full-time graduate student at the University of British Columbia. Applicants should have good communication skills and enjoy facilitating student discussions.

### Duties

- 1) Reading case studies to prepare for problem-based learning tutorials
- 2) Facilitating discussion and assessing students during problem-based learning tutorials
- 3) Answering questions via e-mail and the discussion board
- 4) Evaluating student assignments

### Hours of Work

Problem-based learning tutorials are Mon/Fri 4-5pm. Teaching Assistants will be expected to prepare for tutorials, answer questions and evaluate student assignments outside of class time. The hours for preparation, grading and answering questions are flexible. The maximum time worked will be 92 hours (excluding vacation) per quarter-time appointment.

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### Salary

Salaries are as per [CUPE 2278 contract](#). All positions are subject to budget availability.

### Application

Please submit a complete [application form](#) along with a paragraph outlining your background (and your transcript, if you have never held a TA position in the BMB department) to [ta.biocaps@ubc.ca](mailto:ta.biocaps@ubc.ca) by June 30. Please ensure to include a course name you are applying for in your email subject line. (e.g. BIOC 301 Application)  
You may indicate your course preference in your email.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. UBC is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of any sexual orientation or gender identity, and others who may contribute to the further diversification of ideas. Canadians and permanent residents of Canada will be given priority.