

THE UNIVERSITY OF BRITISH COLUMBIA
Department of Biochemistry and Molecular Biology
Teaching Assistantship Positions
for 2021 - 2022 Winter Session

Date of Posting: April 27, 2021

Teaching Assistants are required for the 2021 Winter Session in the following course:

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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.

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[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 hrs (excluding vacation) per quarter-time appointment.

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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.

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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 B.C.

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

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) 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 three 1-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 92 hours (excluding vacation) per quarter-time 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/wk (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 online lecture by the senior instructor, such as through answering and promoting online chat
- 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.

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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 B.C.

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 (3 hrs/week), as well as organizational meetings. The maximum time worked will be 92 hrs (excluding vacation) per quarter-time appointment.

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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 lectures/lab meeting – 1 meeting/week, approximately 1.5 hrs each
- 2) Providing 2 informal tutorial sessions on preparing lab reports – 4 hours each
- 3) Marking/feedback for lab reports - approximately 15 reports for each of 2 projects
- 4) Answering student questions

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

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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) Being familiar with course material
- 2) Supervising weekly lab sessions – 44 hours in total
- 3) Marking/feedback for lab reports - approximately 12 reports for each of 2 projects, approximately 36hrs
- 4) Answering student questions

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

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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 Tues/Thurs 12pm-1pm. 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 (available on the [Biochemistry & Molecular Biology website career page](#)) along with a paragraph outlining your background and your CV to 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)

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.

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