



Sessional Lecturer | Department of Biochemistry & Molecular Biology

Date Posted: March 24, 2025

At UBC, we believe that attracting and sustaining a diverse workforce is key to the successful pursuit of excellence in research, innovation, and learning for all faculty, staff and students. Our commitment to employment equity helps achieve inclusion and fairness, brings rich diversity to UBC as a workplace, and creates the necessary conditions for a rewarding career.

The Department of Biochemistry & Molecular Biology invites applications to teach in one or several of the following courses being offered between July 2025 to Aug 2026:

BIOC 202 section 001 (3 Credits)

Introductory Medical Biochemistry

Term 1 Winter

September – December 2025

COURSE DESCRIPTION

This is an Introductory Medical Biochemistry course and will cover topics such introduction to proteins and enzymes, carbohydrate metabolism, and glucose homeostasis. The course emphasis is on human biochemistry and it is designed for students going into health science fields.

The instructional format is lecture based with an in-person mode of delivery.

Mon Wed Fri 2:00 - 3:00 pm

Required Textbook: Lehninger 8th edition

BIOC 202 section 002 (3 Credits)

Introductory Medical Biochemistry

Term 2 Winter

January – April 2026

COURSE DESCRIPTION

This is an Introductory Medical Biochemistry course and will cover topics such introduction to proteins and enzymes, carbohydrate metabolism, and glucose homeostasis. The course emphasis is on human biochemistry and it is designed for students going into health science fields.

The instructional format is lecture based with an in-person mode of delivery.

Mon Wed Fri 10:00-11:00 am

Required Textbook: Lehninger 8th edition

BIOC 202 section 003 (3 Credits)

Introductory Medical Biochemistry

Term 2 Winter

January – April 2026

COURSE DESCRIPTION

This is an Introductory Medical Biochemistry course and will cover topics such introduction to proteins and enzymes, carbohydrate metabolism, and bacterial membrane bioenergetics. The course emphasis is on human and bacterial biochemistry. Restricted to students in the biomedical engineering (BMEG) program.

The instructional format is lecture based with an in-person mode of delivery.

Tues Thur 8:30 - 10:00 pm

Required Textbook: Lehninger 8th edition

BIOC 203 section 001 (3 Credits)

Fundamentals of Biochemistry

Term 2 Winter

January – April 2026

COURSE DESCRIPTION

Amino acids and proteins. Enzymes and enzymology. Human metabolic pathways. Structure, function and metabolism of carbohydrates including glycogen storage and gluconeogenesis. Restricted to students in Biochemistry specializations.

The instructional format is lecture based with an in-person mode of delivery. This course is team taught, and the position being hired is for ½ of the course (March to April).

Tues Thur 12:30 - 2:00 pm

Required Textbook: Lehninger 8th edition

BIOC 302 section 951 (3 Credits)

General Biochemistry

Term 2 Summer

July – August 2025

COURSE DESCRIPTION

Metabolic reactions of lipids, steroids, amino acids and nucleotides; the biochemistry of replication, transcription and translation. The course emphasis is on human biochemistry and it is designed for students going into health science fields.

The instructional format is lecture based with an in-person mode of delivery.

Mon Wed Fri 10:00 am – 1:00 pm

Required Textbook: Lehninger 8th edition

BIOC 302 section 102 (3 Credits)

General Biochemistry

Term 1 Winter

September – December 2025

COURSE DESCRIPTION

Metabolic reactions of lipids, steroids, amino acids and nucleotides; the biochemistry of replication, transcription and translation. The course emphasis is on human biochemistry and it is designed for students going into health science fields.

The instructional format is lecture based with an in-person mode of delivery. This course is team taught, and the position being hired is for ½ of the course (October to December).

Tues Thur 11:00 am - 12:30 pm

Required Textbook: Lehninger 8th edition

Note applicants can apply to any of these options individually or up to 1 FTE per term. Preference will be given to candidates that are willing to teach all sections of BIOC 202 or BIOC 302.

RESPONSIBILITIES

Reporting to the Head of the UBC Department of Biochemistry & Molecular Biology, the incumbent will be responsible for:

- Preparing and developing course material to teach
- Teaching includes but is not limited to a range of activities including the scheduled course and undergraduate administrative duties related to the assigned course.

QUALIFICATIONS

The successful candidate will have:

- A PhD (thesis defended by the start of the course).
- Post-doctoral training and prior teaching experience is not required but will be considered an asset.
- The incumbent will be expected to have exceptional communication skills.

- Willingness to respect diverse perspectives, including perspectives in conflict with one's own.
- Demonstrates a commitment to enhancing one's own awareness, knowledge, and skills related to equity, diversity, and inclusion.

Salary: Based on sessional lecturer's salary scale as per the UBCFA Collective Agreement. 1 FTE is based on teaching 9 credits. Salary per credit is \$3186.37

APPLICATION PROCEDURE

Applications from those internal and external to UBC are encouraged.

- Applicants should include with the letter of application:
A CV, which includes a record of experience and a detailed list of all post-secondary courses taught (course name and number, length, credit value, dates, and teaching responsibilities)
- If available a sample outline of the courses taught
- If available, evidence of teaching effectiveness; and
- Contact information for 3 referees
- Which course section(s) with associated dates you are willing to teach. Max 1 FTE or 9 credits.

Applications should be directed to:

Zaira Khan, Director of Administration
Department of Biochemistry & Molecular Biology
Department of Cellular & Physiological Sciences
zaira.khan@ubc.ca

Subject Line: BIOC 202, 203, 302 Sessional Lecturer Positions

Applications will be accepted until April 30, 2025 and continue until all positions are filled.

For more information, please visit biochem.ubc.ca

All positions are subject to availabilities of funds and will be governed by UBC's "Agreement on Conditions of Appointment for Sessional Faculty Members".

We invite applications from qualified candidates who share our commitment to employment equity and inclusive excellence, and we welcome applications from candidates belonging to historically, persistently, or systemically marginalized groups: Indigenous (First Nation, Métis, Inuit) Peoples, racialized persons, persons with disabilities, women, 2SLGBTQIA+ people, and trans and non-binary people.

The University is committed to creating and maintaining an inclusive and equitable work environment for all members of its workforce. An inclusive work environment presumes an environment where differences are appreciated, recognized, and integrated into current structures, planning, and decision-making modes. Within this hiring process we are committed to creating an inclusive and equitable process for all candidates (including but not limited to people with disabilities). Confidential accommodations are available on request. Please contact Zaira Khan via email at zaira.khan@ubc.ca. If you have any questions regarding accommodations or accessibility during the recruitment and hiring process or for more information and support, please visit UBC's Centre for Workplace Accessibility website at <https://hr.ubc.ca/health-and-wellbeing/workplace-accessibility/centre-workplace-accessibility> or contact the Centre at workplace.accessibility@ubc.ca.

With gratitude, we acknowledge that the University of British Columbia Faculty of Medicine and its distributed programs, which include four university academic campuses, are located on traditional, ancestral and unceded territories of First Nations Peoples and communities around the province.

ABOUT THE DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

For more than fifty years, the Department of Biochemistry and Molecular Biology has played an active and important role at UBC and in the greater scientific community. The Department is located in the Life Science Institute (LSI) that is home to approximately 90 research laboratories with 15 Departments organized into nine research clusters, fostering a strong foundation for innovation and collaborations. The Department hosts an active Graduate program with more than 90 students and offers over 15 undergraduate courses and laboratory courses for honours, major and minor Undergraduate programs.

Faculty of Medicine

Our Vision: To Transform Health for Everyone.

Ranked among the world's top medical schools with the fifth-largest MD enrollment in North America, the **UBC Faculty of Medicine** is a leader in both the science and the practice of medicine. Across British Columbia, more than 12,000 faculty and staff are training the next generation of doctors and health care professionals, making remarkable discoveries, and helping to create the pathways to better health for our communities at home and around the world.

The Faculty - comprised of approximately 2,200 administrative support, technical/research and management and professional staff, as well approximately 650 full-time academic and over 10,000 clinical faculty members - is composed of 19 academic basic science and/or clinical departments, three schools, and 24 research centres and institutes. Together with its University and Health Authority partners, the Faculty delivers innovative programs and conducts research in the areas of health and life sciences. Faculty, staff and trainees are located at university campuses, clinical academic campuses in hospital settings and other regionally based centres across the province.