

Lecturer, UBC Integrated Sciences

The University of British Columbia, Vancouver, invites applications for a part-time (75%) Lecturer position, which will be with the Faculty of Science Integrated Sciences specialization. Integrated Sciences is a flexible, highly interactive undergraduate program that allows students to design their own unique program of study, with an emphasis on active learning, group discussion, and collaborative research. The position will start no later than July 1, 2019 and the initial appointment will be for 1 year. The appointment may be renewed subject to satisfactory performance.

The successful candidate will work the equivalent of teaching 17 credits of courses per year. Activities will include:

(1) Teach courses in the Integrated Sciences specialization (<https://intsci.ubc.ca/>) and/or the Vancouver Summer Program (<https://vancouversummerprogram.ubc.ca/>), to be determined.

- Designs, organizes and teaches ISCI courses and other courses offered by the specialization (VSP).
- Teaches scientific information from a variety of disciplines at an advanced level to students with diverse interests.
- Encourages students to develop new perspectives and apply scientific knowledge and tools in new contexts.
- Coordinates honours thesis defenses for Integrated Sciences students. Participates on defense committee.

(2) Coordinates the teaching program for Integrated Sciences. This includes staying current on research-informed pedagogy and sharing best practices with other instructors

- Regularly collaborates with other ISCI instructors.
- Participates in activity to increase the use of research-informed pedagogy, and contributes to defining outcomes
- Creates and updates learning outcomes for each course taught and contributes to those for the program as a whole.
- Participates in reviews of Integrated Sciences course offerings and in the development of additional courses.
- Completes and submits applications for course development funding (e.g. TLEF, Skylight development grants, and Academic equipment fund).
- Participates in other activities related to program development and overall coordination of the courses.

(3) Maintain on campus office hours for instructors and students related to ISCI courses.

Qualifications

Applicants must hold a Master of Science degree (PhD preferred) and must have demonstrated evidence of post-secondary teaching excellence and demonstrated interdisciplinary interests and experience. The following experience is required:

- Experience with interactive, research-informed teaching methods and university-level writing courses.
- Excellent interpersonal skills including co-teaching experience.
- Supervisory experience (e.g., TA supervision).

The following experience would be considered advantageous:

- Ability to draw upon multiple disciplines to analyze scientific problems.
- Ability to teach at a rigorous level to a student population of diverse interests working in groups.
- Promote interdisciplinary ways of thinking to allow students to develop new perspectives and apply knowledge and scientific tools in new contexts.
- Incorporate current research topics to achieve an element of inquiry and an awareness of scientific literature, experimental design and socio-cultural relevance necessary to solve problems in any settings.
- Intermediate to advanced experience with learning technologies, such as learning management systems (Canvas is UBC's current system).
- Data collection and analysis skills for educational research, with particular emphasis on qualitative approaches (e.g. surveys, interviews, focus groups, classroom observations).

Salary is commensurate with qualifications and experience. The position is subject to final budgetary approval.

Applications should include:

- (1) A cover letter that addresses how the applicant meets the criteria for the position, how the applicant anticipates approaching both the teaching and advancing innovation in teaching and learning duties.
- (2) A Curriculum Vitae that includes the names and contact information of three referees
- (3) A statement of teaching philosophy including information related to interdisciplinary teaching.
- (4) Evidence of teaching excellence and experience (please include teaching evaluations and course syllabi for university-level courses developed, taught, or supported)

Please submit application materials to Mary Anne Lyons at lyons@science.ubc.ca by **March 20, 2019**.

Questions should be directed to the Integrated Sciences Director, Prof. Lee A. Groat (groat@mail.ubc.ca)