

The University of British Columbia, Faculty of Applied Science, School of Engineering

Assistant Professor, Associate Professor, and/or Professor in Computer Engineering

The School of Engineering at the University of British Columbia's Okanagan campus invites applications to fill up to five (5) full-time positions in its new Computer Engineering program. The School welcomes applicants at the ranks of Assistant Professor (tenure-track), Associate Professor (tenured), and Professor (tenured), with research and teaching expertise spanning computer engineering. This expertise may include (but is not limited to) fields of quantum computing, virtualization and cloud computing, intelligent robotics, cybersecurity, digital assets, embedded systems, and legal/ethical implications of intelligent systems. The anticipated start date is July 1, 2024, or soon thereafter.

Positions

The positions undergoing recruitment offer a unique opportunity to contribute to the development, growth, and leadership of the new Computer Engineering Program at the School of Engineering. The Computer Engineering Program integrates discipline-specific study with foundational courses in electrical engineering and computer science, and it does so with hands-on learning and immersive experiences for students. To learn more about this program visit

<https://okanagan.calendar.ubc.ca/faculties-schools-and-colleges/school-engineering/bachelor-applied-science-program/computer-engineering>.

Decisions for hiring will be based upon each applicant's potential to achieve excellence in research and teaching, to the benefit of Canadians and the global community, as well as their fit to the new Computer Engineering Program. We look to shape leaders for the future of this program and the profession.

Values

Our work is shaped by our values: professionalism and integrity; scholarship and teaching excellence; commitment to students; partnerships and collegiality; initiative, innovation, and willingness to change; and community, the environment, and sustainability. We believe that equity, diversity, inclusion, and Indigenous reconciliation support these values, and so we foster them in our students, staff, and faculty. As such, applicants for our positions must have a strong commitment to these values. To learn more about these values visit <https://apsc.ubc.ca/EDI> and <https://ok.ubc.ca/about/indigenous-engagement/>.

Eligibility and duties

Applicants must hold a doctoral (Ph.D.) degree in a field related to computer engineering and either be registered, or be eligible to register, as a Professional Engineer (P.Eng.) with Engineers and Geoscientists British Columbia (<https://www.egbc.ca>). Successful applicants will be expected to establish an independent and internationally recognized research program at the University, teach at undergraduate and graduate levels, supervise master's (M.A.Sc.) and doctoral (Ph.D.) students, and provide service to the School, University, and community.

Appointment eligibility at each rank is defined as follows:

- Assistant Professor: The successful applicant will have demonstrated ability in teaching and ability in scholarly activity. Applicants who will have successfully defended their doctoral (Ph.D.) dissertation by the position start date will be considered.
Salary range: \$115,000 - \$140,000 / year

- Associate Professor: The successful applicant will have demonstrated successful teaching, the ability to direct graduate students, sustained and productive scholarly activity, and willingness to participate in the affairs of the School and the University.
Salary range: \$160,000 - \$200,000 / year
- Professor: The successful applicants will have demonstrated excellence in teaching, wide recognition in sustained and productive scholarly activity, a track record of creating and leading strong, innovative, and externally funded research programs, and significant involvement in academic and professional affairs. The successful applicant must also demonstrate the ability to interact with empathy, understanding, and respect of diverse perspectives and behaviours.
Salary range: \$190,000 - \$250,000 / year

Equity, diversity, inclusion, and Indigeneity

Equity and diversity are essential to academic excellence, and the University of British Columbia seeks to recruit and retain a diverse workforce to maintain the excellence of the University. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged and offers students richly varied disciplines, perspectives, and ways of knowing and learning. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the British Columbia Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person. All qualified applicants are encouraged to apply; however, Canadians and permanent residents of Canada will be given priority.

Location

The University of British Columbia's Okanagan campus is situated in Kelowna, British Columbia, on the ancestral, traditional, and unceded territory of the Syilx Okanagan people, who continue their stewardship to this day. Kelowna is surrounded by vineyards, lakes, forests, and mountains, making it a four-season playground for a variety of activities.

Application submission

Interested applicants should submit the following as a single PDF file:

- Cover letter: Include your motivation for applying to the position and highlight skills and experience relevant to the position.
- Curriculum vitae (CV).
- Research statement: Give a three-page (maximum) statement here describing your research expertise, experience, and plans as a new faculty member. As appropriate, identify potential and current collaborators at the University and elsewhere, as well as potential sources of funding.
- Teaching statement: Give a three-page (maximum) statement here describing your teaching philosophy, with specific examples that have informed it. Include a description of your teaching interests and experience.
- Equity, diversity, inclusion, and Indigeneity statement: Give a one-page (maximum) statement here describing your lived background experience (if comfortable), your past experience and future plans regarding working with a diverse student body, and your contributions to a culture of equity, inclusion, and/or Indigeneity.

Applications must be submitted online; emailed applications will not be considered.

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 accepted, recognized, and integrated into current structures, planning, and decision-making modes. Within this hiring process we will make efforts to create an inclusive and equitable process for all applicants—including but not limited to people with disabilities. Accessibility or accommodations are available on request for all applicants. To confidentially request accommodations, please contact recruitment.apsc@ubc.ca.

Review of applications

Review of applications will begin February 1, 2024. All applications received by this date will receive full consideration. Applications will continue to be accepted until the position is filled. The position is subject to final budgetary approval. The salary will be competitive and commensurate with qualifications and experience.