



**THOMPSON
RIVERS
UNIVERSITY**

BACHELOR OF ENGINEERING IN SOFTWARE ENGINEERING

Create your own path with a career in Software Engineering

Do you want a career that allows you to make an impact, and that is part of one of the fastest growing and most in demand professions in Canada? Do you want to contribute to the ever-growing need for software based solutions across a variety of industries and professions?

With a focus on skill-based learning and a commitment to small class sizes, the Software Engineering program at TRU provides a hands-on experience led by industry professionals. By blending engineering, business, computing science, project management and quality assurance, students receive a well-rounded and multi-faceted education that equips them with skills needed for the workplace.

EXPERIENCE HANDS ON LEARNING

The program's focus on experiential learning includes two mandatory co-op work terms in the fourth year of the program, which puts students in the position to be a paid employee before graduation and have opportunities to test-drive the wide variety of career options available in software engineering.

Career Paths in Software Engineering

- Manufacturing
- Research
- Medicine
- Automobiles
- Banking
- Technology companies such as Google, Amazon and Facebook
- Entertainment

THE TRU SOFTWARE ENGINEERING ADVANTAGE

- Offers strong foundations in principles and practice of software systems development, and related computing technologies.
- Students develop knowledge of the tools, technical skills and competencies required to design, develop, test and maintain cycles of software product.
- Emphasis on project-based learning practices that apply theoretical concepts to practical problems.
- Co-op work terms to gain relevant, paid work experience in industry.
- One-year design capstone project from real world industry to gain in-depth experiential learning.

ADMISSION REQUIREMENTS

First Year Entry

- BC Grade 12 (or equivalent).
- BC English 12 with a minimum of 67% (or equivalent).
- Pre-Calculus 12 with a minimum of 67% (or equivalent).
- Chemistry 11 with a minimum of 67% (or equivalent).
- Physics 11 with a minimum of 67% (or equivalent).

You may also be considered for second or third year direct entry if you have completed or partially completed first or second year science, engineering or cognate department courses. Please contact Dr. Faheem Ahmed for more information and evaluation at enr@tru.ca.

CONTACT US

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To apply for this program, visit tru.ca/admissions/apply

tru.ca/se

