When can I apply?
The admission portal is open and we are taking applications until the program is full.

When do classes begin for the master’s degree in software engineering?
Classes commence in September.

What will the schedule be like?
At UCalgary, professionals looking to grow their software development education have many options. This is a full-time, daytime degree program.

Can I enroll part time?
In order to complete the degree in the short time-frame that is one of its biggest appeals, the program requires a full-time commitment.

Where will classes be held?
All classes will be held on the University of Calgary’s main campus. Many of them will be held in the brand new Canadian Natural Resources Limited Engineering Complex. With bright study spaces, student design labs, great academic support available and more.

Will courses be offered online?
In order to benefit from the hands-on nature of our software engineering master’s program, the courses will be offered in class only.

What are the courses being offered?
Students without a software engineering background are required to complete three bridging courses, taken in the first term:

BOOT-CAMP COURSES
- Programming Fundamentals (C)
- Programming Fundamentals (Python)
- Principles of Software Development (Java)

Students who have completed the boot-camp courses or who have a software engineering degree, or an electrical and computer engineering degree with previous software experience, are required to complete ten courses in the following three categories:

PROFESSIONAL SKILLS DEVELOPMENT
- Introduction to Project Management
- Innovation and Entrepreneurship

SOFTWARE ENGINEERING COURSES
- Software Engineering Fundamentals
- Software Design and Architecture
- Data Engineering
- Engineering Large-Scale Analytics
- Systems Dependability and Reliability of Software
- Data Mining and Machine Learning
- Web Development

TEAM DESIGN PROJECT
Students will all take part in a team design project where they will put their new software engineering skills to the test either working with industry or pursuing their own innovative solution.
HOW TO APPLY

How do I start my application?

STEP 1 – Collect your documentation
We require an official transcript for your previous degree.

STEP 2 — Gather your references
Contact two past professors or supervisors as potential references. We will invite your referees to complete an online reference form after you submit your application.

STEP 3 — Create an eID to log in and begin your online application

STEP 4 — Pay your application fee:
• $125 for Canadians or permanent residents
• $145 for international students

TRANSCRIPTS

What is the difference between an “unofficial transcript” and an “official transcript?”

Unofficial transcripts (those uploaded or supplied by the student) can be used to evaluate an admission application to speed up the admission process. You can upload your unofficial transcripts in your Student Centre, which is accessible with your Student ID. Admission would then be offered contingent on the receipt of your transcripts by a certain date. Official transcripts are those received by the University of Calgary directly from the issuing institution.

Where do I mail my transcripts to?
Official transcripts are to be sent in a sealed envelope or directly emailed to the program by the issuing institution. Request your transcripts to be sent to:

Graduate Studies
Department of Electrical and Computer Engineering
SCHULICH School of Engineering
University of Calgary
403.220.5806
ecegapp@ucalgary.ca
schulich.ucalgary.ca

When transcripts are emailed, the transcript retrieval instructions should be emailed directly to the program administrator (ecegapp@ucalgary.ca) by the institution or their third-party contractor, with the transcript to be downloaded from a secure site by the program administrator using a unique link/password (not sent as an attachment).

Can I send transcripts via World Education Service (WES)?
We do not accept transcripts through WES or any other third party service.

APPLICATION DEADLINE

We are currently reviewing applications as they come in and will be accepting qualified applicants until our spaces are full.

Apply right away to avoid missing out on our new master’s degree in software engineering.