Get to know
CIVIL ENGINEERING

Civil Engineers create the infrastructure of society: homes, schools, office buildings, highways, bridges, subway systems, airports, river and coastal protection, green landfills, water and wastewater treatment plants. Are you concerned about climate change? In this program you will learn how to plan, design, build and maintain Civil and natural systems, and addressing climate change impacts. As part of its real-world preparation, this innovative program emphasizes self-learning, teamwork, communication, leadership and problem solving. Courses and electives are grouped into structural, environmental, hydrotechnical, and geotechnical streams.

Degree OPTIONS
Bachelor of Applied Science in Engineering
Bachelor of Applied Science in Engineering with Professional Internship
Specialization in Structural Design, Geotechnical Engineering, Hydraulics, and Environmental Engineering

Queen's ADMISSIONS
Students apply to Queen's Engineering (QE) through the OUAC (Ontario University Application Centre) website. Secondary School prerequisites include five 4U and 4M courses, one of which must be English 4U. Calculus and Vectors 4U, Advanced Functions 4U, Chemistry 4U, and Physics 4U are all required. A final competitive minimum grade of 80% must be obtained for all courses. Applicants outside of Ontario may have additional requirements.

A Common START
Queen's is unique in offering a common first year along with an open discipline choice. When you do choose your program, you don’t have to worry about caps or quotas. Provided you pass all of your first year courses, you are guaranteed a place in your engineering program of choice. Queen's also offers Section 900, a special extended program for students struggling with first year courses. Take things at a slower pace and recover in time for second year.

Course HIGHLIGHTS
Civil Engineering students have the opportunity to take a wide range of technical courses to help prepare them for the many possible career destinations available. Such courses include:
- Geotechnical Engineering
- Infrastructure Rehabilitation
- Reinforced Concrete Design
- Geoenvironmental Design
- River Engineering
- Environmental Engineering
- Groundwater Engineering and Subsurface Contamination
- Water and Wastewater Engineering,
- Municipal Hydraulics.

“We envision the nourishment of a naturally-developing thread in our program which is focused on the sustainability of both the natural and built environment.”

That is a degree from Queen's.
civil.queensu.ca
Civil Engineering

Get started thinking about the future now – where do you want to go after your degree? Having tentative goals (like careers or grad school) while working through your degree can help with short-term decisions about courses and experiences, but also help you keep motivated for success.

Get the help you need

Queen's provides you with a broad range of support services from your first point of contact with the university through to graduation. At Queen's, you are never alone. We have many offices dedicated to helping you learn, think and do.

Ranging from help with academics and careers, to physical, emotional, or spiritual resources – our welcoming living and learning environment offers the programs and services you need to be successful, both academically and personally. Queen's wants you to succeed! Check out the Student Affairs website for available resources.

Why study in Kingston?

For over 175 years, our community has been more than a collection of bright minds – Queen's has attracted students with an ambitious spirit. Queen's has the highest retention rates, the highest graduation rates, and one of the highest employment rates among recent graduates. We are a research-intensive university focused on the undergraduate experience. The BBC has identified Kingston as one of the GREATEST UNIVERSITY TOWNS in the world – and it is often identified as the safest city in Canada. It is a university city at the core; just a quick drive to Toronto, Montreal, Ottawa and even New York. At a university with more clubs per capita than any other university in Canada, and in a city with more restaurants per capita than any other city in North America, you will have the experience of a lifetime at Queen's – and graduate with a degree that is globally recognized among the best.