OPTIMAL SPECIALIZATION
SOFTWARE ENGINEERING
- Emphasizes the methods and process for the design of software-intensive computer systems including software design, software quality, user interface and software project management.

ENGINEERING CO-OP... WORKING FOR YOU
Highlights of what our talented Co-op students can do for you and your organization:
- Design microprocessor systems
- Analyze, design and implement computer networks and protocols
- Create framework designs using Visual Basic, C++ and Java
- Perform quality manual and automated testing procedures
- Install and maintain software and hardware components
- Develop real-time digital systems
- Perform studies and assess power quality and distribution designs
- Identify and solve software defects
- Build high-speed processing and video, voice and data networks
- Develop front-end web user interfaces (GUIs)

Computer Engineering students develop comprehensive skills in digital and analog circuit design, microprocessors systems design and electronics, electromagnetic and signal and system analysis for communications and instrumentation applications. Students become well versed in software design and hardware-software integration through their academic courses and project work.