Software Engineering

Graduates of our Master of Software Engineering program should feel equipped to ensure the delivery of reliable software by studying programming, quality assessment, design, and management, and to provide high-quality technical leadership.

Program outcomes:

- Apply a systematic, disciplined, quantifiable approach to the cost-effective development, operation and maintenance of software systems to the satisfaction of their beneficiaries.
- Build solutions using different technologies, architectures, and life-cycle approaches in the context of different organizational structures, with demonstrated programming expertise in Java.
- Foster the development, adoption and sustained use of standards of excellence for software engineering practices.
- Communicate effectively and think critically about a wide range of issues arising in the context of working constructively on software projects.