M.Sc. in Computing & Data Analytics

MSc in Computing & Data Analytics

IDC states that the data we create is growing by 40% annually and by the end of 2020, 90% of large enterprises will generate revenue from data-as-a-service. In fact, data will affect almost every aspect of our lives. With these staggering levels of growth, there is a huge demand for data savvy professionals with the ability to analyze, communicate, and innovate in a data centric economy. Simultaneously, the demand for conventional computing expertise (computer programming, product development, quality engineering, etc.) also continues to rise.

Saint Mary's Master of Science in Computing & Data Analytics (MSc CDA) is a graduate-level, 16-month professional program that balances its focus on these two growth areas:

- Software design, development, customization, and management
- Analytics and Business intelligence: the acquisition, storage, management, and analysis of huge amounts of data to improve efficiency, innovation, and decision making

MSc CDA's primary focus is to develop highly qualified computing and data analytics professionals who will drive innovation and organizational success. MSc CDA prepares students for rewarding through experiential learning opportunities and intensive industry interaction.

Benefits of the MSc CDA

- Develop in-demand skills and practical experience applying industry relevant technologies, methods, and data sets to solve real world problems.
- Outstanding careers – since the program's launch, nearly 100% of graduates have received full time job offers from Fortune 500 firms, SMEs, and start-ups alike. **Meet our Graduates**
- Study with award winning instructors from Saint Mary's Faculty of Science and the Sobey School of Business, the largest Canadian business school east of Quebec
- Build your professional network through interaction with industry instructors, paid internships, sponsored projects, industry workshops, expert guest speakers, hackathons, and special events
- Choose from three applied learning choices:
    - group-based, industry sponsored projects
    - internships
    - a research thesis

Admission Requirements

The MSc CDA follows the general admission requirements and procedures of the Faculty of Graduate Studies and Research, as outlined in the .

In addition, applicants must meet or provide evidence for the following criteria:

- Applicants require a four-year Bachelor of Science in Computing Science degree (or equivalent in a quantitative field) with a cumulative GPA equal to 70%
- Letter of Intent describing how the program will benefit your educational and career goals
- An up-to-date CV
- Applicants must successfully complete a programming test administered by Saint Mary's University
- Applicants must successfully complete a technical interview

Students whose first language is not English, and who have not attended an English language secondary school or who do not hold a degree completed entirely in English, must meet **Faculty of Graduate Studies and Research language requirements.**

How to Apply

Admissions for our next available intake, September 2021, will open for applications on September 15, 2020.

Please refer to this section regarding the September 2021 admission process.

Estimated tuition fees

- Canadian Students $19,000
- International Students $37,000

The university also charges Mandatory Fees and Medical & Dental insurance. Tuition and Fees are paid in four instalments at the beginning of each term (Sep 2019, Jan 2020, May 2020, Sep 2020). Please refer to the **2019-20 Annual Program Fee Schedule** for details.

Contact Information

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