COLLABORATIVE MASTER’S IN
DATA SCIENCE

SHAPE YOUR FUTURE
BASED ON YOUR RESEARCH INTERESTS

Carleton’s collaborative master’s in Data Science is geared at high-tech professionals and graduate students who are interested in understanding how to analyze and use ‘big data’ sets collected by governments, industry, NGOs etc. These data sets are being used for purposes such as generating personal recommendations for online shopping, improving the efficiency of health care delivery or predicting national security threats.

Students will earn a degree in one of seven academic disciplines at Carleton, graduating with a specialization in Data Science or a concentration in Business Analytics in the MBA.

Participating programs include:
Biology, Biomedical Engineering, Business, Communication, Computer Science, Economics, Electrical and Computer Engineering and Geography.

Students will pursue a thesis, coursework-only or project option that is directly related to Data Science, as per their original degree. Business students are also required to complete an internship. Depending on availability, students in other fields may also gain real-world experience through internships.
“Join our hub of data science experts and make a difference.”

CAPITAL ADVANTAGE

At Carleton, more than 130 researchers are working on projects involving ‘big data’. Examples include:

- DNA and molecular modelling data
- Data from the Confederation Bridge
- Cloud computing
- Information retrieval and web information access
- Natural language processing
- Artificial intelligence
- Database and information integration.
- Business analytics in marketing, finance, human resources, and operations

Carleton has a long relationship with Ottawa’s tech sector. Working with these businesses and other partners, Carleton is poised to become a national hub for data science research and training, educating a highly skilled workforce for local, national and international communities and creating the next generation of IT leaders.

ADMISSION REQUIREMENTS

The admission requirements will vary depending on which participating program you are applying to. General quantitative ability, as demonstrated by grades in appropriate related courses (based on university transcripts), will be considered. For more information about the collaborating programs, please visit graduate.carleton.ca/programs. Specific Data Science requirements can be found on this website carleton.ca/datascience or in the graduate calendar calendar.carleton.ca/grad

APPLICATIONS AND DEADLINES

Applicants wishing to apply to the collaborative master’s program in Data Science must indicate this in their application(s) to the participating program(s). You will be required to complete the Data Science Specialization Form available in the online application of the participating master’s program and this must be uploaded as part of your main application. The form will require you to indicate the reasons why you are interested in this collaboration. The Data Science Specialization Form must be submitted by the application deadline of the participating master’s program. Note that applicants applying to the MBA program must indicate their interest in this collaboration by selecting Business Analytics on the MBA Complement Form.

This document is available in a variety of accessible formats upon request. A request can be made on the Carleton University website at: carleton.ca/accessibility/request.