

DATA SCIENCE SPECIALIZATION FORM

Data Science is a rapidly evolving field. It studies how to make use of the massive amounts of data relevant to research, to strategy and operations in industry, and to policy development in government. The purpose of the collaborative master's program in Data Science at Carleton is to provide training in the analysis of Big Data and the skills to successfully undertake a piece of state-of-the-art research. The program is structured as a collection of specializations added to existing master's degree programs.

Admitted students must fulfill all requirements of the master's degree program through which they enter (known as the "home" program) plus the following additional requirements:

1. Students in all programs must complete the Data Science Seminar (DATA 5000)
2. When the specific requirements of the Data Science specialization for a given program include a thesis, the thesis must be in the area of data science and must be supervised by a faculty member working in a data science related field. The Data Science Institute has formed a committee to evaluate and approve thesis topics.
3. Specific course requirements for the specialization in Data Science: <http://carleton.ca/datascience/program-requirements>.

Note: Only students who are interested in being considered for this specialization must complete this form and upload it in Carleton Central. This document will be reviewed and assessed with your other required documents.

Applicant Name:		Carleton User ID:	
To which participating master's program are you applying? (Please select)			
MCS: Computer Science (thesis)		MASC Electrical and Computer Engineering (thesis)	
MSC: Biology (thesis)		MENG: Electrical and Computer Engineering (project)	
MA: Economics (thesis / coursework)		MENG: Electrical and Computer Engineering (coursework)	
MA: Communication (thesis / coursework)		MSC: Geography and Environmental Studies (thesis)	
MASC: Biomedical Engineering (thesis)		MA: History (research essay)	
MENG: Biomedical Engineering (coursework / project work)		MCOGSC: Cognitive Science (thesis / research project)	
MA: Psychology (thesis)		MIT: Information Technology: Digital Media(thesis / coursework)	
MSC: Health Sciences (thesis)			

Using the box below, please indicate your general rationale for applying to the collaborative master's program in Data Science, including your academic background, academic interests and career goals. (Limit: 3000 characters)