

# Biostatistics

The Collaborative Specialization in Biostatistics is part of the MSc in Mathematics and Statistics and has two completion options: **thesis** or **coursework-only**. It is an interdisciplinary area of research linking statistics, biology, medicine and health sciences.

When you study at Carleton, you will be guided by professors who are internationally-recognized researchers and leaders in various disciplines in the mathematical and statistical sciences.

In addition to a diverse perspective from faculty members in the field, students come from all over the world with varying undergraduate experiences. This unique diversity of backgrounds and cultures further enriches your classroom studies and research opportunities.

Carleton is a principal sponsoring member of the Fields Institute for Research in Mathematical Sciences, providing students the opportunity to participate in conferences, workshops and lectures sponsored by the Fields Institute, including the Fields-Carleton Distinguished Lecture Series. The School is a member of the Ottawa-Carleton Institute for Mathematics and Statistics (OCIMS) which offers one of the largest graduate programs in mathematics and statistics in Canada. Students have the unique opportunity to take courses at both Carleton University and the University of Ottawa, while benefiting from the expertise of professors from both institutions.

Carleton has strong ties with several institutions in the federal government, such as Statistics



Canada, NRCan, NRC, the CSE and Health Canada. Ottawa is also the home of many of Canada's leading high-tech firms, such as Alcatel – Lucent, Corel, Irdeto and Entrust. These ties give students an opportunity to see mathematics and statistics applied outside of the university. In fact, many of our students go on to work for these organizations.

## Participating Programs

The program is administered by a committee of representatives that includes the School of Mathematics and Statistics at Carleton University and the Department of Mathematics and Statistics, as well as the School of Epidemiology, Public Health and Preventive Medicine at the University of Ottawa.

## Degrees Offered

MSc in Mathematics and Statistics (with a specialization in Biostatistics)

## Career Options

The specialization is intended to prepare a student for a career as a biostatistician in a health-related industry, or for a doctoral program in biostatistics.

## Fall Application Deadline

**January 31**

## Admission Requirements

An honours bachelor's degree in mathematics, statistics or the equivalent, with B+ or higher in the honours subject and B- or higher overall. Application is made to the primary unit most appropriate to the student's research interests.

### Contact Info

School of Mathematics and Statistics

613-520-2600 x3531

ms-gradadmin@math.carleton.ca