



# Mathematics & Statistics PhD



The Graduate Program in Mathematics & Statistics offers instruction leading to Master of Arts, Master of Science in Applied & Industrial Mathematics and Doctor of Philosophy degrees. Research interests of faculty members cover diverse areas of mathematics including algebraic geometry, applied mathematics, category theory, complexity theory, differential equations, dynamical systems, discrete mathematics, functional analysis, geometry, group theory, history of mathematics, logic and set theory, numerical analysis, optimization, probability, stochastic processes and topology. They also cover various areas of statistics including foundations of statistics, generalized linear models, interactive statistical graphics, statistical inference and survey sampling technique.

## Details of Degree

- 4 years

## Program Highlights

- Areas of special emphasis for doctoral studies are foundations of mathematics, algebra and geometry, probability and statistical theory, analysis, and applied mathematics.

## Deadlines

Domestic	International
Jan 15	Jan 15

## Connect with York University



**Program Support:** [gradmath@yorku.ca](mailto:gradmath@yorku.ca)  
**Admissions Support:** [fgsapply@yorku.ca](mailto:fgsapply@yorku.ca)



- [yorku.ca/gradstudies/students/future-students](http://yorku.ca/gradstudies/students/future-students)
- [futurestudents.yorku.ca/events/graduate](http://futurestudents.yorku.ca/events/graduate)

## Admission Requirements

- › For admission to the PhD program, applicants must have completed an acceptable master's degree in mathematics or statistics with a B+ average (high second class) or better.

## Documents to Submit

- › Transcripts (all university studies)
  - › References (3)
  - › Statement of Interest
  - › Resume/CV
  - › Supplementary Information Form
  - › Program Supplementary Information Form
  - › Degree and Program Information Form
- 
- › ELP Test Score, if applicable
  - › IELTS: 6.5 Academic
  - › TOEFL: 79-80
  - › Duolingo: 120

## York Graduate Funding

Current Academic Year

YEARLY FUNDING PACKAGE	
Domestic	International
\$30,723	\$46,254

*Funding available for up to 5 years.*