

MATHEMATICS AND STATISTICS

Departmental Notes

Subject Code for Mathematics: **MATH**

Subject Code for Statistics: **STAT**

World Wide Web Address: www.queensu.ca/mathstat (<http://www.queensu.ca/mathstat/>)

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Overview

The Department of Mathematics and Statistics offers degree Plans designed to appeal to a broad range of students, including those interested in pure mathematics, applied mathematics, the physical and the biological sciences, teaching, actuarial studies (science), probability, and statistics. Our instructors include leading researchers and many winners of national and university teaching awards. The Department offers various plans in Mathematics and in Statistics, leading to either a BA, BA (Hons.), BSc or BSc (Hons.) degree. A Plan in Mathematics and Engineering (<https://queensu-ca-public.courseleaf.com/engineering-applied-sciences/academic-plans/mathematics-engineering/>) is also offered by Smith Engineering. For full details of this program, see the Smith Engineering section of the *Calendar*.

Advice to Students

Our Honours Plans

We offer different types of Honours (4-year) degrees. We have five different BSc (Hons) plans, in Mathematics, in Statistics, and then three subjects of specialization (SSPs) that combine Mathematics with Computer Science, Biology, and Physics. Finally, our BA (Hons) plans combine either Mathematics or Statistics with a BA subject, for example English, Psychology, Drama. Study these options in more detail. (p.)

Supporting Statistics Courses for Students in Other Disciplines

Students wishing to use statistics in their area of study should include in their degree plan at least 3.00 units beyond the introductory level.

Special Study Opportunities

Applied Mathematics Courses

Some applied mathematics (MTHE (<https://queensu-ca-public.courseleaf.com/engineering-applied-sciences/academic-plans/mathematics-engineering/#coursestext>)) courses designed for students in Smith Engineering may also be open to students in the Faculty of Arts and Science. See the Department for details on registration in these courses.

Courses of Instruction in the School of Graduate Studies and Research

With the permission of the instructor, the Department and the Registrar of the School of Graduate Studies and Research, undergraduate students may take for credit graduate courses in MATH or STAT for which they have the prerequisite background. This permission will require a minimum GPA of 3.50 in the mathematics and statistics courses of the first three years of their programs. Course descriptions are given in the *Calendar* of the School of Graduate Studies and Postdoctoral Affairs. (<https://queensu-ca-public.courseleaf.com/graduate-studies/>)