Welcome to Statistics at U of T Scarborough
For students admitted to the Statistics admission category
(Fall 2024)

Learn about Statistics admission category at U of T Scarborough!

The Statistics admission category is an entry point to the science of collecting, analyzing, and interpreting data to present meaningful findings. Statisticians learn how to think critically and solve complex problems to inform business decisions, evaluate project effectiveness, recognize patterns, forecast future opportunities and so much more. The number of students admitted to this category is very limited and admission is a strong recognition of hard work and scholastic achievement—congratulations!

Applying

Admission category: Statistics
Ontario Universities' Application Centre (OUAC) program code: TXU
Co-op option available: Visit the Arts & Science Co-op website to learn about Co-op work terms at utsc.utoronto.ca/artsicoop

During First Year

Students in the Statistics admission category will be enrolled in the first-year (A-level) courses required for the program. Sample first-year courses include:

- Discrete Mathematics
- Linear Algebra I for Mathematical Sciences
- Calculus I & II for Mathematical Sciences
- Introduction to Computer Science I

In the summer months before first year, students will be invited to **Get Started**, an engaging and interactive academic orientation presented by the Academic Advising & Career Centre. Get Started presents all the information and tools students will need for an academically successful first year and will answer any questions they may have.

Sample topics covered during a Statistics degree include:
- Analysis of big data
- Financial derivatives
- Regression analysis
- Probability models
- Statistical inference
- Applied statistics
- Data collection
- Investment and credit

Looking Beyond Your First Year

All students who meet the minimum grade requirements in their first year will be allowed to continue as either a Statistics Specialist or Major in their second year. Students can learn more about choosing a program of study on the Academic Advising & Career Centre website (utsc.utoronto.ca/aacc/).

Students must meet the following grade requirements to continue in the Statistics **Major** program:

1. Minimum Grade Point Average (GPA) of 2.3 over Introduction to Computer Science I/ Introduction to Programming, Linear Algebra I for Mathematical Sciences, Calculus I for Physical Sciences/ Calculus I

for Mathematical Sciences, and Calculus II for Physical Sciences/Calculus II for Mathematical Sciences.

We offer three streams of the Statistics **Specialist** program of study (Statistical Science Stream, Quantitative Finance Stream, and Statistical Machine Learning & Data Science Stream). There are a limited number of spaces in each of the three streams. Students will be selected for admission based on their grades in the core first-year courses.

Note: Introduction to Computer Science II is required to enter the Statistical Machine Learning & Data Science Stream.

Reaching Academic Goals

We anticipate that the majority of first-year students in the Statistics admission category will achieve the requirements for admission to either the Major or Specialist programs of study. While there is limited room in the Specialist program, all students in the Statistics admission category who meet the minimum requirements can enter the Statistics Major program. In other words, students in the Statistics admission category are not competing with their classmates for a space in the Statistics Major program of study.

We also have plenty of services and supports to help students reach their potential:

- Academic Advising & Career Centre – developmental advising, learning skills, career counselling, employment coaching
- Centre for Teaching and Learning – writing support, English language development, math and statistics learning support, academic integrity, facilitated study groups, self-guided learning modules
- Access*Ability* Services – services and supports for students with disabilities

Applying to a Different Program After First Year

Students admitted to the Statistics admission category may also apply to a different program after first year:

Computer Science or Mathematics

Students in the Statistics admission category have priority enrolment in Introduction to Computer Science I, Introduction to Computer Science II, Discrete Mathematics, Linear Algebra I for Mathematical Sciences, Calculus I for Mathematical Sciences, and Calculus II for Mathematical Sciences. Taking these courses will allow students to apply to programs in Computer Science and Mathematics at the end of first year. There are a very limited number of spaces in those programs and admission will be based on grades in some of these courses.

Other programs of study

Students admitted to the Statistics admission category may also choose to pursue a different program of study or combine majors or minors based on areas of interest. Enrolment in some programs is limited and students must meet standards to gain admittance. The U of T Scarborough Academic Calendar outlines prerequisites and grade requirements.

Please note: Minimum requirements vary each year depending on available spaces and the pool of eligible applicants.

Admissions website
Admission Next Steps website
Program website