STATISTICS

Getting Ready for Your First Year
First year courses are designed to offer you core foundational knowledge that will prepare you for your second year at UTSC. Find your program below, and follow the first year course enrolment guide for your first year at the University for Toronto Scarborough.

Specialist Program in Statistics
(Coop/Non-Coop)

☐ CSCA08H3 – Introduction to Computer Science I
☐ CSCA48H3 – Introduction to Computer Science II
☐ MATA23H3 – Linear Algebra I

Choose one:
☐ MATA31H3 – Calculus I for Mathematical Sciences*
☐ MATA30H3 – Calculus I for Physical Sciences

Choose one:
☐ MATA37H3 – Calculus II for Mathematical Sciences*
☐ MATA36H3 – Calculus II for Physical Sciences

* MATA31H3 & MATA37H3 are recommended

Specialist Program in Statistics – Quantitative Finance Stream
(Coop/Non-Coop)

☐ MGEA02H3 – Introduction to Microeconomics: A Mathematical Approach
☐ CSCA08H3 – Introduction to Computer Science I
☐ CSCA48H3 – Introduction to Computer Science II
☐ MATA23H3 – Linear Algebra I

Choose one:
☐ MATA31H3 – Calculus I for Mathematical Sciences*
☐ MATA30H3 – Calculus I for Physical Sciences

Choose one:
☐ MATA37H3 – Calculus II for Mathematical Sciences*
☐ MATA36H3 – Calculus II for Physical Sciences

* MATA31H3 & MATA37H3 are recommended

Specialist Program in Statistics – Statistical Machine Learning and Data Mining Stream

☐ CSCA08H3 – Introduction to Computer Science I
☐ CSCA48H3 – Introduction to Computer Science II
☐ CSCA67H3 – Discrete Mathematics
☐ MATA23H3 – Linear Algebra I

Choose one:
☐ MATA31H3 – Calculus I for Mathematical Sciences*
☐ MATA30H3 – Calculus I for Physical Sciences
Choose one:
- MATA37H3 – Calculus II for Mathematical Sciences*
- MATA36H3 – Calculus II for Physical Sciences

* MATA31H3 & MATA37H3 are recommended

Choose one course to complete your writing requirement – it is recommended that this requirement be completed no later than the end of the second year:
- ANTA01H3, ANTA02H3, CTLA01H3, ENGA10H3, ENGA11H3, ENGB06H3, ENGB07H3, ENGB08H3, ENGB09H3, ENGB17H3, ENGB19H3, ENGB50H3, GGRA02H3, GGRA03H3, GGRB05H3, ACMA01H3, LINA01H3, PHLA10H3, PHLA11H3, WSTA02H3

**Major Program in Statistics – Coop/Non-Coop**

Choose one:
- MATA23H3 – Linear Algebra

Choose one:
- CSCA08H3 – Introduction to Computer Science I
- CSCA20H3 – Computer Science for the Sciences

Choose one:
- MATA30H3 – Calculus I for Physical Sciences
- MATA31H3 – Calculus I for Mathematical Sciences*

Choose one:
- MATA36H3 – Calculus II for Physical Sciences
- MATA37H3 – Calculus II for Mathematical Sciences*

* MATA31H3 & MATA37H3 is recommended. MATA31H3 is a pre-requisite for MATA37H3.

Choose one course to complete your writing requirement – it is recommended that this requirement be completed no later than the end of the second year:
- ANTA01H3, ANTA02H3, CTLA01H3, ENGA10H3, ENGA11H3, ENGB06H3, ENGB07H3, ENGB08H3, ENGB09H3, ENGB17H3, ENGB19H3, ENGB50H3, GGRA02H3, GGRA03H3, GGRB05H3, ACMA01H3, LINA01H3, PHLA10H3, PHLA11H3, WSTA02H3

**Minor Program in Applied Statistics**

Choose one:
- MATA23H3 – Linear Algebra

Choose one:
- CSCA08H3 – Introduction to Computer Science I
- CSCA20H3 – Computer Science for the Sciences

Choose one:
- MATA30H3 – Calculus I for Physical Sciences
- MATA31H3 – Calculus I for Mathematical Sciences*

Choose one:
- MATA36H3 – Calculus II for Physical Sciences
- MATA37H3 – Calculus II for Mathematical Sciences*

* MATA31H3 & MATA37H3 is recommended. MATA31H3 is a pre-requisite for MATA37H3.

**Minor Program in Statistics**

Choose one:
- CSCA08H3 – Introduction to Computer Science I
- CSCA20H3 – Computer Science for the Sciences

**Elective Courses**

Once you have selected courses to fulfill your first year program requirements, it’s time to think about electives to fill up your schedule. Electives are an essential part of your undergraduate studies, and are requirements for your overall University of Toronto degree.

**Determine How Many Courses You Will Take in First Year**

Your program requirements as a first year student will not be enough to fill your timetable. A standard course at UTSC is 0.5 credits.

A full-time student can take between 1.5 – 2.5 credits. This is equivalent to three, four, or five courses per semester. A student who wishes to complete their undergraduate degree in four years should aim to complete 5.0 credits in the Fall and Winter semester. You may also choose to reduce your course load, and take courses in the Summer semester. Find a balance that’s right for you.

Use this resource with the 2016-2017 Calendar on our website for a comprehensive understanding of your program requirements and expectations.
Academic Support at UTSC
Academic Advising & Career Centre
AccessAbility Services
Office of the Registrar

Track your academic progress online with Degree Explorer
www.rosi.utoronto.ca/degree_explorer.php
This online assessment tool will show you which courses you have completed, which are pending, which are outstanding, and more.