PHYSICS AND ASTROPHYSICS

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 Environmental Physics
The Specialist Program in Environmental Physics (B.Sc.) includes a co-operative option. For more information and details regarding the program, and its admission requirements, please see the Environmental Science section of the Calendar at: http://www.utsc.utoronto.ca/~registrar/calendars/calendar?Environmental_Science.html

- PHYA10H3 Introduction to Physics IA
- PHYA21H3 Introduction to Physics IIA
- MATA30H3 Calculus I for Physical Sciences
- MATA36H3 Calculus II for Physical Sciences
- CHMA10H3 Introductory Chemistry I: Structure and Bonding
- CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms
- EESA06H3 Introduction to Planet Earth
- MATA23H3 Linear Algebra I

Major Program in Physical Sciences
See the Physical Sciences tipsheet

- PHYA10H3 – Introduction to Physics IA
- PHYA21H3 – Introduction to Physics IIA
- MATA30H3 – Calculus I for Physical Sciences
- MATA23H3 – Linear Algebra I

Choose one of the following:
- MATA36H3 Calculus II for Physical Sciences
- MATA37H3 Calculus II for Mathematical Sciences

Specialist Program in Physical and Mathematical Sciences

- PHYA10H3 – Introduction to Physics IA
- PHYA21H3 – Introduction to Physics IIA
- MATA30H3 – Calculus I for Physical Sciences
- MATA23H3 – Linear Algebra I
- MATA36H3 – Calculus II for Physical Sciences

OR

- MATA37H3 – Calculus II for Mathematical Sciences

Major Program in Physics and Astrophysics

- PHYA10H3 – Introduction to Physics IA
- PHYA21H3 – Introduction to Physics IIA
- MATA30H3 – Calculus I for Physical Sciences
- MATA23H3 – Linear Algebra I

Choose one of the following:
- MATA36H3 Calculus II for Physical Sciences
- MATA37H3 Calculus II for Mathematical 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.

Use this resource with the 2016-2017 Calendar on our website for a comprehensive understanding of your program requirements and expectations.
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.

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.