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. Follow the first year course enrolment guide for your first year at the University for Toronto Scarborough.

Admission to Biological Sciences programs
Students apply to Biological Sciences Specialist and Major programs after completing a minimum of 4.0 full credits, including 1.0 credit in Biology (excluding BIOA11H3), 1.0 credit in Chemistry, and 0.5 credit in Mathematics (excluding MATA02H3) or Statistics and with a minimum cumulative grade point average (CGPA) as specified below:
- Admission to Specialist programs requires a cumulative grade point average (CGPA) of at least 2.0.
- Admission to Major programs requires a cumulative grade point average (CGPA) of at least 1.85.
There are no admission requirements for the Minor program in Biology.

Conservation and Biodiversity – Specialist Program
Core Courses:
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions
- CHMA10H3 – Introductory Chemistry I: Structure and Bonding
- CHMA11H3 – Introductory Chemistry II: Reactions and Mechanisms
- MATA29H3 – Calculus I for the Life Sciences
- MATA35H3 – Calculus II for the Biological Sciences

Choose one Physics course:
- PHYA10H3 – Introduction to Physics IA
- PHYA11H3 – Introduction to Physics IB

Choose one Computer Science course:
- CSCA08H3 – Introduction to Computer Science most appropriate course for Computer Science students
- CSCA20H3 – Introduction to Programming most appropriate course for non-Computer Science students
- PSCB57H3 – Introduction to Scientific Computing (may be taken in second year)

Conservation and Biodiversity – Major Program
Core Courses:
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions
- CHMA10H3 – Introductory Chemistry I: Structure and Bonding
- CHMA11H3 – Introductory Chemistry II: Reactions and Mechanisms

Choose one of the following Mathematics or Statistics courses:
- MATA29H3 – Calculus I for the Life Sciences
- STAB22H3 – Statistics I (this can be taken in second year)
- PSYB07H3 – Data Analysis in Psychology (this can be taken in second year)
Human Biology – Specialist program
Core Courses:
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions
- CHMA10H3 – Introductory Chemistry I: Structure and Bonding
- CHMA11H3 – Introductory Chemistry II: Reactions and Mechanisms
- MATA29H3 – Calculus I for the Life Sciences
- MATA35H3 – Calculus II for the Biological Sciences
- PHYA11H3 – Introduction to Physics IB
- PHYA22H3 – Introduction to Physics IIB
- PSYA01H3 – Introduction to Psychology: Part I
- PSYA02H3 – Introduction to Psychology: Part II

Choose one Mathematics or Statistics course:
- MATA29H3 – Calculus I for the Life Sciences
- STAB22H3 – Statistics I (this can be taken in second year)
- PSYB07H3 – Data Analysis in Psychology (this can be taken in second year)

Molecular Biology and Biotechnology (Co-op & Non Co-op) – Specialist Program
Core Courses:
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions
- CHMA10H3 – Introductory Chemistry I: Structure and Bonding
- CHMA11H3 – Introductory Chemistry II: Reactions and Mechanisms
- MATA29H3 – Calculus I for the Life Sciences
- MATA35H3 – Calculus II for the Biological Sciences

Choose 0.5 credit from:
- PHYA10H3 – Introduction to Physics IA
- PHYA11H3 – Introduction to Physics IB
- PHYA21H3 – Introduction to Physics IIA
- PHYA22H3 – Introduction to Physics IIB

Choose 0.5 credit from:
- STAB22H3 – Statistics I (this can be taken in second year)
- PSYB07H3 – Data Analysis in Psychology (this can be taken in second year)

Human Biology- Major Program
Core Courses:
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions
- CHMA10H3 – Introductory Chemistry I: Structure and Bonding
- CHMA11H3 – Introductory Chemistry II: Reactions and Mechanisms
- PSYA01H3 – Introduction to Psychology: Part I
- PSYA02H3 – Introduction to Psychology: Part II

Choose 0.5 credit from:
- PHYA10H3 – Introduction to Physics IA
- PHYA11H3 – Introduction to Physics IB
- PHYA21H3 – Introduction to Physics IIA
- PHYA22H3 – Introduction to Physics IIB

Integrative Biology – Specialist Program
Core Courses:
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions
- CHMA10H3 – Introductory Chemistry I: Structure and Bonding
- CHMA11H3 – Introductory Chemistry II: Reactions and Mechanisms
- MATA29H3 – Calculus I for the Life Sciences
- MATA35H3 – Calculus II for the Biological Sciences

Choose 0.5 credit from:
- STAB22H3 – Statistics I (this can be taken in second year)
- PSYB07H3 – Data Analysis in Psychology (this can be taken in second year)

Biology – Major Program
Core Courses:
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions
- CHMA10H3 – Introductory Chemistry I: Structure and Bonding

Use this resource with the 2016-2017 Calendar on our website for a comprehensive understanding of your program requirements.
Choose one of the following Mathematics or Statistics courses:
- MATA29H3 – Calculus I for the Life Sciences
- STAB22H3 – Statistics I (this can be taken in second year)
- PSYB07H3 – Data Analysis in Psychology (this can be taken in second year)

Molecular Biology, Immunology, and Disease – Major Program
Core Courses:
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions
- CHMA10H3 – Introductory Chemistry I: Structure and Bonding
- CHMA11H3 – Introductory Chemistry II: Reactions and Mechanisms

Choose one of the following Mathematics or Statistics courses:
- MATA29H3 – Calculus I for the Life Sciences
- STAB22H3 – Statistics I (this can be taken in second year)
- PSYB07H3 – Data Analysis in Psychology (this can be taken in second year)

Plant Biology – Major Program
Core Courses:
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions
- CHMA10H3 – Introductory Chemistry I: Structure and Bonding
- CHMA11H3 – Introductory Chemistry II: Reactions and Mechanisms

Choose one of the following Statistics courses:
- STAB22H3 – Statistics I
- PSYB07H3 – Data Analysis in Psychology

Biology – Minor
- BIOA01H3 – Life on Earth: Unifying Principles
- BIOA02H3 – Life on Earth: Form, Function, and Interactions

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.

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.