

Welcome new students to first year in the Department of Chemical and Physical Sciences, U of T Mississauga. Choosing your courses is an exciting time; we hope that the following handout will help you plan your fall and winter course schedule for 2020-21 Academic year. Students are advised to please refer to the [academic calendar](#) for most recent updates on Program entry requirements, courses and prerequisites. Please also view the [registration guide](#).

First year courses to enrol in by Program

Note: If a course has a lecture, tutorial, and practical, make sure to enrol in one of each

ASTRONOMY		
Program	Fall Session (September – December)	Winter Session (January – April)
Astronomical Sciences Specialist	AST110H5 Introduction to Astronomical Observations MAT102H5 Introduction to Mathematical Proofs MAT135H5 Differential Calculus PHY146H5 Principles of Physics I	MAT136H5 Integral Calculus MAT223H5 Linear Algebra I PHY147H5 Principles of Physics II
Astronomy Major	AST110H5 Introduction to Astronomical Observations MAT102H5 Introduction to Mathematical Proofs MAT135H5 Differential Calculus PHY146H5 Principles of Physics I	MAT136H5 Integral Calculus MAT223H5 Linear Algebra I PHY147H5 Principles of Physics II
CHEMISTRY		
Program	Fall Session (September – December)	Winter Session (January – April)
Biological Chemistry Specialist	BIO152H5 Introduction to Evolution and Evolutionary Genetics CHM110H5 Chemical Principles 1 MAT135H5 Differential Calculus PHY136H5 Introductory Physics I	CHM120H5 Chemical Principles 2 MAT136H5 Integral Calculus PHY137H5 Introductory Physics II
Chemistry Specialist	CHM110H5 Chemical Principles 1 MAT135H5 Differential Calculus PHY136H5 Introductory Physics I	CHM120H5 Chemical Principles 2 PHY137H5 Introductory Physics II MAT136H5 Integral Calculus STA107H5 Introduction To Probability and Modelling
Chemistry Major	CHM110H5 Chemical Principles 1 MAT135H5 Differential Calculus	CHM120H5 Chemical Principles 2 MAT136H5 Integral Calculus
Chemistry Minor	CHM110H5 Chemical Principles 1 MAT135H5 Differential Calculus	CHM120H5 Chemical Principles 2 MAT136H5 Integral Calculus
EARTH SCIENCE		
Program	Fall Session (September – December)	Winter Session (January – April)
Earth Science Specialist Note: New students (2020-21) require ERS111H5 or ERS101H5 as one of the entry requirements to the program	BIO152H5 Introduction to Evolution and Evolutionary Genetics CHM110H5 Chemical Principles 1 ERS111H5 Earth, Climate and Life MAT135H5 Differential Calculus PHY136H5 Introductory Physics I ISP100H5 Writing for University and Beyond: Writing About Writing	BIO153H5 Diversity of Organisms CHM120H5 Chemical Principles 2 ERS101H5 Planet Earth MAT136H5 Integral Calculus PHY137H5 Introductory Physics II
Environmental Geosciences Specialist Note: New students (2020-21) require ERS111H5 or ERS101H5 as one of the entry requirements to the program	BIO152H5 Introduction to Evolution and Evolutionary Genetics CHM110H5 Chemical Principles 1 ERS111H5 Earth, Climate and Life MAT135H5 Differential Calculus PHY136H5 Introductory Physics I	BIO153H5 Diversity of Organisms CHM120H5 Chemical Principles 2 ERS101H5 Planet Earth MAT136H5 Integral Calculus PHY137H5 Introductory Physics II
Earth Science Major Note: New students (2020-21) require ERS111H5 or ERS101H5 as one of the entry requirements to the program	CHM110H5 Chemical Principles 1 ERS111H5 Earth, Climate and Life MAT135H5 Differential Calculus PHY136H5 Introductory Physics I ISP100H5 Writing for University and Beyond: Writing About Writing	CHM120H5 Chemical Principles 2 ERS101H5 Planet Earth MAT136H5 Integral Calculus PHY137H5 Introductory Physics II
Earth Science Minor Note: New students (2020-21) require ERS111H5 or ERS101H5 as one of the entry requirements to the program	ERS111H5 Earth, Climate & Life	ERS101H5 Planet Earth
PHYSICS		
Program	Fall Session (September – December)	Winter Session (January – April)
Biomedical Physics Specialist	BIO152H5 Introduction to Evolution and Evolutionary Genetics CHM110H5 Chemical Principles 1 MAT135H5 Differential Calculus PHY146H5 Principles of Physics I ISP100H5 Writing for University and Beyond: Writing About Writing	CHM120H5 Chemical Principles 2 MAT136H5 Integral Calculus PHY147H5 Principles of Physics II
Physics Major	MAT135H5 Differential Calculus PHY146H5 Principles of Physics I ISP100H5 Writing for University and Beyond: Writing About Writing	MAT136H5 Integral Calculus PHY147H5 Principles of Physics II
Physics Minor	PHY146H5 Principles of Physics I	PHY147H5 Principles of Physics II