

FIRST YEAR COURSES TO ENROLL IN BY PROGRAM

Welcome to your first year at U of T Mississauga with the Department of Chemical and Physical Sciences. Choosing your courses is an exciting time; we hope this handout will help you plan your Fall and Winter course schedule. 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](#).

- Important Notes
1.

If a course has a lecture, tutorial, and practical, make sure to enroll in one of each. In applicable first-year courses, ensure you are enrolled in matching PRA & TUT sections (i.e. PRA 0101 and TUT 0101).
2.

If ISP100H5 is required, can be taken in the Fall, Winter, or Summer sessions.

ASTRONOMY utm.calendar.utoronto.ca/section/Astronomy			
Program	Fall Session (course code ends with -H5F) <i>Sep – Dec</i>		Winter Session (course code ends with -H5S) <i>Jan – Apr</i>
Astronomical Sciences (Specialist), Astronomy (Major)	AST110H5	Intro. to Astronomical Observations	MAT102H5 Introduction to Mathematical Proofs
	ISP100H5	Writing for University and Beyond	MAT136H5 Integral Calculus
	MAT135H5	Differential Calculus	MAT223H5 Linear Algebra I
	PHY146H5	Principles of Physics I	PHY147H5 Principles of Physics II
CHEMISTRY utm.calendar.utoronto.ca/section/Chemistry			
Program	Fall Session (course code ends with -H5F) <i>Sep – Dec</i>		Winter Session (course code ends with -H5S) <i>Jan – Apr</i>
Biological Chemistry (Specialist)	BIO152H5	Intro. to Evolution and Evolutionary Genetics	CHM120H5 Chemical Principles 2
	CHM110H5	Chemical Principles 1	ISP100H5 Writing for University and Beyond
	MAT132H5	Differential Calculus for Life Sciences	MAT134H5 Integral Calculus for Life Sciences
	or		or
	MAT135H5	Differential Calculus	MAT136H5 Integral Calculus
Chemistry (Specialist)	PHY136H5	Introductory Physics I or PHY146H5	PHY137H5 Introductory Physics I or PHY147H5
	CHM110H5	Chemical Principles 1	CHM120H5 Chemical Principles 2
	MAT132H5	Differential Calculus for Life Sciences	MAT134H5 Integral Calculus for Life Sciences
	or		or
	MAT135H5	Differential Calculus	MAT136H5 Integral Calculus
Chemistry (Major)	PHY136H5	Introductory Physics I or PHY146H5	PHY137H5 Introductory Physics II or PHY147H5
	ISP100H5	Writing for University and Beyond	
	CHM110H5	Chemical Principles 1	CHM120H5 Chemical Principles 2
	MAT132H5	Differential Calculus for Life Sciences	MAT134H5 Integral Calculus for Life Sciences
	or		or
Chemistry (Minor)	MAT135H5	Differential Calculus	MAT136H5 Integral Calculus
	ISP100H5	Writing for University and Beyond	
	CHM110H5	Chemical Principles 1	CHM120H5 Chemical Principles 2
	MAT132H5	Differential Calculus for Life Sciences	MAT134H5 Integral Calculus for Life Sciences
	or		or
Earth Science (Specialist)	MAT135H5	Differential Calculus	MAT136H5 Integral Calculus
	PHY136H5	Introductory Physics I	PHY137H5 Introductory Physics II
	ISP100H5	Writing for University and Beyond	
	ERS111H5	Earth, Climate & Life	ERS101H5 Planet Earth
	MAT132H5	Differential Calculus for Life Sciences	MAT134H5 Integral Calculus for Life Sciences
	or		or
	MAT135H5	Differential Calculus	MAT136H5 Integral Calculus
Earth Science (Major)	CHM110H5	Chemical Principles 1	CHM120H5 Chemical Principles 2
	or		or
	PHY136H5	Introductory Physics I	PHY137H5 Introductory Physics II
	ISP100H5	Writing for University and Beyond	
	ERS111H5	Earth, Climate & Life	ERS101H5 Planet Earth
	MAT132H5	Differential Calculus for Life Sciences	MAT134H5 Integral Calculus for Life Sciences
Earth Science (Minor)	ERS111H5	Earth, Climate & Life	ERS101H5 Planet Earth
PHYSICS utm.calendar.utoronto.ca/section/Physics			
Program	Fall Session (course code ends with -H5F) <i>Sep – Dec</i>		Winter Session (course code ends with -H5S) <i>Jan – Apr</i>
Biophysics (Specialist)	BIO152H5	Intro. to Evolution and Evolutionary Genetics	ISP100H5 Writing for University and Beyond
	CHM110H5	Chemical Principles 1	CHM120H5 Chemical Principles 2
	MAT135H5	Differential Calculus	MAT136H5 Integral Calculus
	PHY146H5	Principles of Physics I	PHY147H5 Principles of Physics II
Physics (Major)	MAT135H5	Differential Calculus	MAT136H5 Integral Calculus
	PHY146H5	Principles of Physics I	PHY147H5 Principles of Physics II
	ISP100H5	Writing for University and Beyond	
Physics (Minor)	MAT135H5	Differential Calculus	MAT136H5 Integral Calculus
	PHY146H5	Principles of Physics I	PHY147H5 Principles of Physics II