FACULTY OF SCIENCE

PHYSICS

Physics is crucial to understanding the world around us, the world inside us, and the world beyond us. Physics challenges our imaginations and leads to great discoveries that, in turn, bring life -changing technologies . Future proof your career with a degree in Physics!

Science begins with Physics. Physics encompasses the study of the universe from the largest galaxies to the smallest (subatomic!) particles. Physics challenges our imaginations and leads to great discoveries. Physicists also work to solve some of the greatest challenges of our times by finding ways to cure cancer, heg disease, to the inner workings of black holes, higher -s(,)2 ((s)-2.w [) yz[15 3.-0.7 (g.693-Tw [)13w -j 0.

in some of the top graduate schools in North America, such as Cornell, the University of British Columbia, McGill, Waterloo, McMaster, and the University of Toronto.

SAMPLE COURSES

Astronomy is a non-mathematical course that gives students a general introduction to the ideas and processes of science as well as the formation and evolution of the universe.

Scientific Computing with Python is a second -year course where students learn how to create Python data analysis programs with data visualization and publication quality figures.

MORE SAMPLE COURSES

- The Study of Time
- The Physics of Music
- The Study of Time
- Physical Computing
- Introduction to General Relativity
- Subatomic Physics

SAMPLE FIRST YEAR

PHYS-1101(6) Foundations of Physics or PHYS-1301(6) Introductory Physics
MATH-1103 (3) Introduction to Calculus I AND MATH-1104(3) Introduction to Calculus II
RHET-1103(3) Academic Writing: Science, or any other section of Academic Writing (if required)
MATH-1201(3) Linear Algebra I
12 credit hours Humanities or other General University requirements Ge0w 2.82- (uluc 0.6 (eJ)Tj Td [(d83 (t)2T3 (c)-2.( )Tj - (ul