MATHMATICS & PHYSICS

FIRST YEAR

FALL
- MATH 1052 Calculus & Intro. Analysis I
- PHYS 1001 Foundations of Physics I

WINTER
- MATH 2052 Calculus & Intro. Analysis II
- PHYS 1002 Foundations of Physics II

SECOND YEAR

FALL
- MATH 2100 Algebra
- PHYS 2401 Thermal Physics
- PHYS 2604 Modern Physics I

WINTER
- PHYS 2202 Wave Motion and Optics
- PHYS 2305 Electricity and Magnetism

THIRD YEAR

FALL
- STAT 2655 Introduction to Probability with Applications
- MATH 3008 Ordinary Differential Equations
- PHYS 3308 Electromagnetism

WINTER
- PHYS 3802 Advanced Dynamics
- PHYS 4409 Thermodynamics and Statistical Physics

FOURTH YEAR

FALL
- MATH 3705 Mathematical Methods I
- PHYS 3701 Elements of Quantum Mechanics

WINTER
- MATH 3001 Real Analysis I (Honours)
- PHYS 4707 Introduction to Quantum Mechanics I

1.0 credit from PHYS at the 4000 level

1.0 credit from PHYS at the 4000 level

0.5 credit from:
MATH 3002, MATH 3003, MATH 3106,
PHYS 3007, PHYS 3606

2.0 credits in Approved courses outside the faculties of Science and Engineering and Design, one of which can be NSCI 1000

Plus

1.0 credit in free electives

Note:
- Dashed connecting lines indicate a prerequisite that may be taken concurrently.
- Some Experimental Science, COMP, ELEC and MATH, and many elective courses are also offered in summer, which may help to reduce your course load in the Fall and Winter terms.