**Biology & Physics**

**First Year**
- **Fall**
  - MATH 1104: Linear Algebra
  - PHYS 1001: Foundations of Physics I
  - CHEM 1001: General Chemistry I
  - BIOL 1103: Foundations of Biology I
- **Winter**
  - MATH 1005: Calculus for Engineering or Physics
  - PHYS 1002: Foundations of Physics II
  - CHEM 1002: General Chemistry II
  - BIOL 1104: Foundations of Biology I

**Second Year**
- **Fall**
  - MATH 2004: Multivariable Calculus for Engineering or Physics
  - PHYS 2401: Modern Physics I
  - BIOL 2200: Cellular Biochemistry
  - BIOL 2104: Introductory Genetics
- **Winter**
  - MATH 3705: Mathematical Methods I
  - PHYS 2305: Electricity and Magnetism
  - BIOL 3104: Molecular Genetics

**Third Year**
- **Fall**
  - PHYS 3007: Third Year Physics Laboratory
  - PHYS 3014: Modern Physics II
  - PHYS 3207: Topics in BioPhysics (Offered every other years)
- **Winter**
  - PHYS 3606: Modern Physics III
  - PHYS 3701: Elements of Quantum Mechanics

**Fourth Year**
- **Fall**
  - PHYS 3308, 3802, 4008, 4203, 4409, 4608, 4707

- **Winter**
  - 0.5 Credit from MATH 3800 or MATH 3806

**Electives**
- 1.0 Credit from: PHYS 3308, 3802, 4008, 4203, 4409, 4608, 4707
- 1.0 Credit from: BIOL 4905, or BIOL 4907, or BIOL 4908, or PHYS 4909, or (PHYS 4907/4908 + PHYS 4xxx)
  - Requires 4th year standing

**Note:**
- Dashed connecting line indicate a pre-requisite 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.

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

1.0 credit in free electives