# Engineering Physics

**First Year**

**Fall**
- **MATH 1104**: Linear Algebra for Eng. Students
- **ELEC 1908**: First Year Project

**Winter**
- **MATH 2004**: Multivariable Calculus for Eng. Students
- **ELEC 2501**: Circuits and Signals

**Second Year**

**Fall**
- **MATH 3705**: Mathematical Methods I
- **ELEC 2507**: Electronics I

**Winter**
- **STAT 3502**: Probability and Statistics
- **SYSC 3501**: Communication Theory

**Third Year**

**Fall**
- **ELEC 3509**: Electronics II
- **PHYS 2202**: Wave Motion and Optics

**Winter**
- **PHYS 3606**: Modern Physics II
- **SYSC 3600**: Systems and Simulation

**Fourth Year**

**Fall**
- **PHYS 3807**: Mathematical Physics II
- **ELEC 4908**: Engineering Project

**Winter**
- **ELEC 3105**: Basic EM and Power Engineering
- **PHYS 4007**: Physics Lab

---

**Notes:**

(a) 1.0 credit in Physics (PHYS) at the 4000-level, which must include one of: PHYS 4203, PHYS 4208, PHYS 4409, PHYS 4508, PHYS 4807.

(b) 1.0 credit in Electronics (ELEC) at the 4000-level, which must include one of: ELEC 4502, ELEC 4503, ELEC 4505, ELEC 4506, ELEC 4509, ELEC 4601, ELEC 4609, ELEC 4700, ELEC 4702, ELEC 4706, ELEC 4707, ELEC 4708.