Program Plan

Directed Courses (subject to change – please refer to the program handbook for up to date information)
Complete 10 units:

- PHYS3360 Advanced Electromagnetism
- ELEC3251 Power Electronics and Renewable Energy Systems
- ELEC3500 Telecommunication Networks
- ELEC4210 Electronics Design
- ELEC4720 Programmable Logic Design
- ELEC3160 Off-Grid Power Systems
- ELEC3400 Signal Processing
- ELEC4160 Advanced Drives and Power Electronics
- ELEC4550 Wireless Communications
- ELEC4700 Advanced Computer Systems

Directed Courses (subject to change – please refer to the program handbook for up to date information)
Complete 10 units:

To be eligible to graduate make sure you have completed 400 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- **Core** courses – 360 units
  - MATH courses - 20 units. The choice of maths courses is based on your current knowledge. To find out which MATH courses you should enrol in please see the Enrolling in Maths information. More information is in your Program Handbook
  - Please note, completion of MATH1002 counts as 10 units of electives
  - MECH4841B/ELEC4840B must be completed in the semester immediately following MECH4841A/ELEC4840A

- **Directed courses** – 10 units

- **Electives** – 30 units. Students can choose from any unrestricted course taught at the University (as long as it is not already a core course of this degree)
  - Visit the Course Handbook to see a list of available electives. Please note, completion of MATH1002 counts as 10 units of electives

- No more than 120 units at the 1000 level will count towards each individual degree
- Students must undertake 12 weeks of approved industrial experience
- The duration of this program is 5 year full-time (40 units per semester) or part-time equivalent
- The maximum time to complete this program is 12 years

Some courses have assumed knowledge and/or requisites, please refer to the individual Course Handbook. Please refer to the Program Handbook for specific information on program structure. If you are intending varying from this program plan please seek advice from your Program Advisor.