**Bachelor of Engineering (Honours) (Electrical and Electronic)**

**Commenced in Trimester 3, 2018**  
**Studying at Singapore**

The Program Plan below is your guide to enrolment. Following this plan will ensure you are on the right path to graduation. Before you vary from this plan ensure you seek advice from your **Program Advisor**.

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Trimester 1</th>
<th>Trimester 2</th>
<th>Trimester 3</th>
</tr>
</thead>
</table>
| **ELEC1310**  
Introduction to Electrical Engineering | **ENG1003**  
Introduction to Procedural Programming | **ELEC2430**  
Circuits and Signals | **ELEC4840A**  
Final Year Engineering Project Part A |
| **ELEC1710**  
Digital and Computer Electronics 1 | **ENG1500**  
Introduction to Professional Engineering | **ELEC3730**  
Digital and Computer Electronics 2 | **DIRECTED**  
**ENGG4500**  
Engineering Complexity |
| **MATH1110**  
Mathematics for Engineering, Science and Technology 1 | **MATH1120**  
Mathematics for Engineering, Science and Technology 2 | **MATH2310**  
Calculus of Science and Engineering | **DIRECTED**  
**ELEC3130**  
Electric Machines and Power Systems |
| **PHYS1210**  
Advanced Physics I | **PHYS1220**  
Advanced Physics II | **ELEC3240**  
Analog Electronics | **ELECTIVE**  
Pathway course |
| **ELEC2230**  
Electrical and Electronic Circuits | **ENGG2500**  
Sustainable Engineering Practice | **ELEC3340**  
Linear Control and Estimation | **ELECTIVE**  
Pathway course |
| **ELEC3540**  
Analog and Digital Communications | **ENGG2440**  
Modelling and Control | **ELECTIVE**  
Pathway course | **ELECTIVE**  
**ENGG3440**  
Linear Control and Estimation |
| **ENGG2500**  
Sustainable Engineering Practice | **ENGG3500**  
Managing Engineering Projects | **DIRECTED**  
**ENGG3850**  
Final Year Engineering Project Part B (20 units)  
*This course must be taken in the semester following ELEC4840A* | **DIRECTED**  
Pathway course |

**Program Plan Key:**  
= Core  
= Directed  
= Elective
To be eligible to graduate make sure you have completed 320 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- Core courses – 260 units.
- Directed courses – 20 units.
- Electives – 40 units. Visit the Course Handbook to see a list of all available Electives.
- It is also a requirement that students complete a total of 12 weeks of industrial experience.
- The duration of this program is 3 years full time (40 units per trimester) study or part time equivalent.
- The maximum time to complete this program is 10 years.

Some courses have assumed knowledge and/or requisites, please refer to the individual Course Handbook. The Program Handbook has valuable information on program structure and requirements, if you are intending on studying part time or varying from this program plan please seek prior advice from your Program Advisor.