### Direct Entry Diploma

**1st Semester***

**Required:**
- ACSC100 (A) (People) Academic Communication in Science

**CORE:**
- ENGG150 (A) Electromechanics Co—requisite MATH135

**CORE:**
- PHYS140 (A) Physics 1A Co—requisite MATH135

**CORE:**
- MATH135 (A) Mathematics 1A Prerequisite MATH130

**2nd Semester***

**CORE:**
- COMP115 (B) Introduction to Computer Science

**CORE:**
- PHYS143 (B) Physics 1B Co—requisite MATH135

**CORE:**
- ENGG141 (B) Digital Fundamentals and Numerical Techniques.

**CORE:**
- MATH136 (B) Mathematics 1B Prerequisite MATH135

- **Elective units**
  - ISYS100—IT and Society (A or B)
  - STAT170—Introductory Statistics (A or B)
  - ISYS104—Introduction to Business Information Systems (A or B)
  - ISYS114—Introduction to Systems Design & Data management (A or B)

**Advanced Diploma—not available**

*Any remaining core units must be taken at MQ 1st Semester*

### Important and New Information:

- Suggested Study Pattern: (A) First Semester; (B) Second Semester; (A or B) Either
  - SIBT & MQ = 4 years
  - GPA Requirement: Local - 1.5, Intl - No GPA Requirement
  - Minimum number of credit points for B Engineering (Mechanical Engineering) are 96. Student must Complete: the Qualifying Major, a designated People unit, a designated Planet unit , a designated PACE unit , and other specific minimum requirements. For further information see MQ link: [http://handbook.mq.edu.au/2015/Majors/UGMajor/Mechanical+Engineering](http://handbook.mq.edu.au/2015/Majors/UGMajor/Mechanical+Engineering)

- Diploma of Electrical Engineering is changed to Diploma of Engineering

- **MQ People Planet Units** —1 people unit and 1 planet unit must be completed within this degree. Students are encouraged to do these at SIBT.