Dip of Engineering

B Engineering (Mechatronic Engineering)

**Direct Entry Diploma**

*1st Semester*

**Required:** (People)
- ACSC100 (A)
  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*

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**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 (Mechatronic 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:
- 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.