This study plan should be used to guide enrolment for the current academic year. Some students may need to modify their enrolment based on previous study (e.g. students granted advanced standing/credit, students repeating previously failed courses).

### BACHELOR OF ENGINEERING (CIVIL & STRUCTURAL) AND BACHELOR OF ARTS

#### YEAR 1

**S1**
- MATHS 1011 Mathematics IA (3 units)
- C&ENVENG 1010 Engineering Mechanics - Statics (3 units)
- C&ENVENG 1008 Engineering Planning & Design IA (3 units)
- ARTS 1007 The Enquiring Mind: Arts of Engagement (3 units)

**S2**
- MATHS 1012 Mathematics IB (3 units)
- MECH ENG 1007 Engineering Mechanics - Dynamics (3 units)
- C&ENVENG 1009 Civil & Environmental Engineering IA (3 units)
- C&ENVENG 1012 Engineering Modelling & Analysis IA (3 units)

#### YEAR 2

**S1**
- MATHS 2201 Engineering Mathematics IIA (3 units)
- C&ENVENG 2068 Environmental Engineering & Sustainability II (3 units)
- C&ENVENG 2071 Water Engineering IIA (3 units)
- C&ENVENG 2025 Strength of Materials IIA (3 units)

**S2**
- C&ENVENG 2070 Engineering Modelling & Analysis IIA (3 units)
- C&ENVENG 2069 Geotechnical Engineering IIA (3 units)
- C&ENVENG 2072 Structural Engineering Design (3 units)
- C&ENVENG 2067 Construction, Management & Surveying (3 units)

#### YEAR 3

**S1**
- C&ENVENG 3007 Structural Design III (Steel) (3 units)
- C&ENVENG 3001 Structural Mechanics IIIA (3 units)
- C&ENVENG 3077 Engineering Hydrology (3 units)
- Level I Arts Course (3 units)

**S2**
- C&ENVENG 3012 Geotechnical Engineering Design III (3 units) ##
- C&ENVENG 3005 Structural Design III (Concrete) (3 units)
- C&ENVENG 3079 Water Engineering & Design III S2 (3 units)
- C&ENVENG 3078 Engineering Management & Planning IIIA (3 units)

#### YEAR 4

**S1**
- C&ENVENG 4003A Civil & Structural Engineering Research Project Part 1 (3 units) ##
- C&ENVENG 4034 Engineering Management IV (3 units)
- Engineering Elective Course (3 units)
- Engineering Elective Course (3 units)
# Students who have not passed SACE Stage 2 Specialist Maths are required to enrol in MATHS 1013 Mathematics IM as a prerequisite to enrolling in MATHS 1011 Mathematics IA. The satisfactory completion of MATHS 1013 Mathematics IM is in addition to the normal requirements of this program. Students may manage their enrolment by enrolling in MATHS 1013 Mathematics IM in semester 1, followed by MATHS 1011 Mathematics IA in semester 2, and MATHS 1012 Mathematics IB in summer school.

## Students not selected for Honours are required to take additional final year elective courses to the value of 6 units in lieu of the final year project