### BACHELOR OF ENGINEERING (HONOURS) (COMPUTER SYSTEMS) WITH BACHELOR OF FINANCE

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#### YEAR 1
- **S1**
  - **MATHS 1011 Mathematics IA (3 units)**
  - **COMP SCI 1201 Introduction to Programming for Engineers (3 units)**
  - **PHYSICS 1100 Physics IA (3 units)**
  - **ELEC ENG 1100 Analog Electronics (3 units)**

#### YEAR 2
- **S1**
  - **MATHS 2201 Engineering Mathematics IIA (3 units)**
  - **ELEC ENG 1102 Digital Electronics (3 units)**
  - **One of:**
    - **ELEC ENG 2103 Design and Innovation or ELEC ENG 2102 Electric Energy Conversion or Level 4 Elective (3 units)**
    - **ECON 1009 International Financial Institutions & Markets I (3 units)**

- **S2**
  - **MATHS 2202 Engineering Mathematics IIB (3 units)**
  - **ELEC ENG 2104 Digital Signal Processing (3 units)**
  - **ELEC ENG 3103 Electromagnetics*** (3 units)
    - **NOT OFFERED 2017**
  - **CORPFIN 1002 Business Finance I (3 units)**

#### YEAR 3
- **S1**
  - **COMP SCI 2103 Algorithm Design & Data Structures for Engineers (3 units)**
  - **ELEC ENG 3028 Digital Systems (3 units)**
  - **ELEC ENG 2101 Electronic Circuits (3 units)**
    - **ECON 2504 Intermediate Econometrics II or MATHS 2103 Probability & Statistics (3 units)**
      - **(3 units)**

- **S2**
  - **COMP SCI 2000 Computer Systems (3 units)**
  - **ELEC ENG 3033 Signal Processing (3 units)**
  - **ACCTING 1002 Introductory Accounting (3 units)**
  - **CORPFIN 2502 Business Valuation II (3 units)**

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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).
# 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.

**Either one of these courses can also be taken in lieu of a Level III Finance elective.

+ Students who have failed ELEC ENG 1009 Electrical & Electronic Engineering IA may undertake ELEC ENG 1100 Analog Electronics as a replacement. Students who have failed ELEC ENG 1010 Electrical & Electronic Engineering IB may enrol into ELEC ENG 1010 for S1 2016 and ELEC ENG 1102 Digital Electronics from S2 2016 onwards.

* Students who have failed ELEC ENG 2008 Electronics may undertake ELEC ENG 2101 Electronic Circuits as a replacement

** Students who have failed ELEC ENG 2007 Signals & Systems may undertake ELEC ENG 2104 Digital Signal Processing as a replacement

*** Students who have failed ELEC ENG 2009 Electromagnetics may undertake ELEC ENG 3103 Electromagnetics as a replacement. However, given ELEC ENG 3103 is not available in 2017, students should consult a Course Advisor to determine a suitable replacement course.

^^ELEC ENG 2104 Digital Signal Processing is incompatible with ELEC ENG 3033 Signal Processing. Students who have completed ELEC ENG 2104 Digital Signal Processing are unable to complete ELEC ENG 3033 Signal Processing and are advised to substitute the course for one of the following:
   - To strengthen your professional practice skills take ELEC ENG 2103 Design and Innovation
   - To provide exposure to power engineering take ELEC ENG 2102 Electric Energy Conversion
   - An extra 4th year elective

~Either one of these courses can also be taken in lieu of a Level III Finance elective.