### BEng in Electronic Engineering

#### Major Requirements

**Engineering Fundamental Courses**
- Note: ENG1010 OR ENG1030 OR ENG1050 OR ENG1070 OR ENG1090 OR ENG1110 OR ENG1130 OR ENG1150 OR ENG1170
- ELEC 2401 Probability and Random Processes in Engineering
- ELEC 2402 Signals and Systems
- MATH 2711 Markov Processes and Applications
- MATH 2712 Differential Equations
- MATH 2731 Introduction to Differential Equations

**Technical Communication I**
- ELEC 2501 Programming with C

**Technical Communication II for ECE & CPEG**
- ELEC 3400 Information Systems

**School of Engineering and School of Business Management**
- ISOM 2010 Introduction to Information Systems

**Principles of Microeconomics**
- ECON 3202

**Macroeconomics**
- ECON 3203

**Intermediate Financial Accounting for Non-Accounting Majors**
- ACCT 2100

**Financial Accounting I**
- ACCT 2101

**Calculus IA**
- MATH 1012

**Calculus IB**
- MATH 1020

**Introduction to Differential Equations**
- MATH 2731

**Honors General Physics I**
- PHYS 1312

**Honors General Physics II**
- PHYS 1314

**Introduction to Computer Science**
- COMP 1021

**Matrix Algebra and Applications**
- MATH 3732

**Introduction to Differential Equations**
- MATH 2731

**Probability and Random Processes in Engineering**
- ELEC 2401

**Signals and Systems**
- ELEC 2402

**Markov Processes and Applications**
- MATH 2711

**Differential Equations**
- MATH 2712

**Introduction to Differential Equations**
- MATH 2731

**Electronics and Professional Development I**
- ISOM 2020

**Electronics and Professional Development II**
- ISOM 3230

**Note:** ELEC 2100 or ELEC 2100H

**Additional Requirement**
- ELEC 1100 Introduction to Electro-Robot Design

**Required credits for Engineering Fundamental Courses**
- 34 units

#### Major Required Courses and Electives

**Major Required Courses**
- ENG 1110 Introduction to Electromechanical Engineering
- ENG 1130 Introduction to Electromechanical Engineering
- ENG 1150 Introduction to Electromechanical Engineering
- MATH 1012 Calculus IA
- MATH 1020 Calculus IB
- MATH 2711 Markov Processes and Applications
- MATH 2712 Differential Equations
- MATH 2731 Introduction to Differential Equations
- MATH 3731

**Electives**
- ENG 3100 Selected Topics in Electromechanical Engineering

**Required credits for Major Required Courses and Electives**
- 32 units

#### Additional Requirements

**BBA in Finance**

**School Requirements**
- Required credits for Engineering Fundamental Courses
- Required credits for School Requirements

**Major Requirements**
- Required credits for Major Required Courses and Electives

**Notes:**
- Waived for DDP students if they have taken and passed COMP1021 or have relevant work experience
- Waived for DDP students

**Required credits for Major Required Courses and Electives**
- 32 units

### Additional Requirements

**Requirements for Dual Degree Program**

**Required Courses**
- ENG 1110 Introduction to Electromechanical Engineering
- ENG 1130 Introduction to Electromechanical Engineering
- ENG 1150 Introduction to Electromechanical Engineering
- MATH 1012 Calculus IA
- MATH 1020 Calculus IB
- MATH 2711 Markov Processes and Applications
- MATH 2712 Differential Equations
- MATH 2731 Introduction to Differential Equations
- MATH 3731

**Required credits for Additional Requirements**
- 16 units

**Notes:**
- [ ] indicates the course is required in both BEng and BBA programs.
- [X] indicates the course is required in either BEng or BBA programs.
- Students must complete all requirements as specified by GCP.

**Required credits for Major Required Courses and Electives**
- 32 units

**Notes:**
- Waived for DDP students if they have taken and passed COMP1021 or have relevant work experience