

COURSE PLANNER

BH-ECV Bachelor of Engineering (Honours) (Civil)

SK401 Bachelor of Engineering (Honours) (Chemical)

BH-EEE Bachelor of Engineering (Honours) (Electrical and Electronic)

BH-EME Bachelor of Engineering (Honours) (Mechanical)

BH-ERM - Bachelor of Engineering (Honours) (Robotics & Mechatronics)

Summer | 2023

Recommended Year 1 Study Sequence

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However, this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Year One

Summer Jan 2023		
Unit Code	Unit Name	Pre-requisites
MTH10013	Linear Algebra and Applications	Nil
PHY10001	Energy and Motion	Nil
Semester 1 Feb/Mar 2023		
ENG10001	Humanitarian Engineering Design Project	Nil
COS10009	Introduction to Programming	Nil
MTH10012	Calculus and Applications	Nil
MPU3193	Philosophy and Current Issues <i>(Malaysian and International Students)</i>	Nil
Winter Term June 2023		
MPU3212	Bahasa Kebangsaan A <i>(Malaysian students who do not have SPM Bahasa Melayu credit)</i>	Nil
Semester 2 Aug/Sept 2023		
COS10025	Technology in an Indigenous Context Project	Nil
ENG10002	Engineering Materials	Nil
ENG10003	Mechanics of Structures	Nil
MPU3183	Penghayatan Etika dan Peradaban <i>(Malaysian Students Only)</i>	Nil
MPU3143	Malay Language Communication 2 <i>(International Students Only)</i>	Nil

Please refer to Semester 1, 2022 planner on related program for Year Two, Year Three, and Year Four units.

Notes

- # EAT20008 Professional Experience in Engineering is compulsory for all engineering students and must be taken before the last semester of study as part of EAC's requirement. Introductory Seminar will be conducted in week 4 of normal semester.
- * Honours merit units (tentative)
- ** Elective units

How to use your Course Planner

Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

Course Information

Each unit is equivalent to 12.5 credit points. To qualify for the award of this course, students must complete 33 units (400 credit points) comprising of:

12 Core Units

150 credit points

A set of compulsory units you MUST complete as part of your Course.

16 Chemical Major Units

200 credit points

A set of compulsory units you MUST complete as part of your Course.

4 Recommended Elective Units

50 credit points

A combination of elective units or a Minor package.

1 Industry Placement Unit

0 credit point

A compulsory, not-for-credit unit.

General Studies/Mata Pelajaran Umum

0 credit points

- * Compulsory units to complete as a pre-requisite to graduate (see statement below)
- * Advisable to enrol in Year One
- * Email tu@swinburne.edu.my for queries

All commencing students of Master, Degree, Diploma and Foundation courses will be automatically registered for the **Academic Integrity Training Module** in the first semester (Note: Students articulating from Foundation Studies are expected to undertake this unit as a refresher). There are 4 topics in this online module that are recommended for completion during Week 1-4 of your commencing study period. At the end of this module, students are required to complete a quiz comprised of 10 questions and achieve a score of at least 90%.

Ministry of Education requires that all NEW Cohorts pursuing Degree course (International and Malaysian) students must take the MPU units as a prerequisite for the award of their degree.

- Malaysian students: Must take and pass the units as a prerequisite for the award of their degree.
- International students: Must take and pass the units as a prerequisite for the award of their degree