



# Engineering – Study Options and Pathways

\_2021

# The Swinburne Advantage

Can university be the place that makes you resilient, adaptable, driven (insert any adjective to describe your amazing self here) genius? We think so. That's why when you join Swinburne Sarawak, we'll arm you with unmatched range of tools and experiences.



## What's right for me: Pathway Options

At Swinburne Sarawak, you get many pathway options at all level of study.

Qualification	Swinburne Foundation Studies [Engineering]	Engineering Degree with Honours	Engineering Double Degree	Masters	Doctor of Philosophy
Duration	1 year full-time	4 years full-time	5 years full-time	2 years	4 years
Entry requirements	Successful completion of SPM or equivalent and upon meeting the minimum entry requirements.	Successful completion of STPM, A Levels or Year 12 equivalents, and meets the minimum entry requirements and pre-requisite subjects.	Successful completion of STPM, A Levels or Year 12 equivalents, and meets the minimum entry requirements and pre-requisite subjects.	A recognized degree at a Credit level.	Four years or equivalent of tertiary studies in relevant discipline at a high level of achievement.
Best suits	Students seeking to pathway into a degree course in Sarawak or Australia campus.	Students seeking a professional career who are ready for the next step in their education.	Students wishing to undertake a broad study experience across different study areas in order to achieve specific career goals.	Students seeking the skills and knowledge required to succeed in their chosen field.	Students seeking to develop critical knowledge and understanding of a research area.

## Tuition Fee

Program	Duration	Indicative Tuition Fee (Annual) M = Malaysian I: International	Prerequisite Subjects
Swinburne Foundation Studies (Engineering/Science) R/010/3/0459 (04.12.2022)   MQA/SWA0070	1 year	M: RM18,090 I: RM25,020	Credit in AM/MA and 2 SCI subject (PHY/BIO/CH)

\* The indicative fee detailed above is for the current year only. It is based on a standard study load per year. For bachelor courses, there are normally 8 units of study per year. All tuition fees are subject to an annual review and adjustment, and include all other fees such as lab, resources etc. Tuition fees do not include minor equipment costs that may be incurred as part of your course (e.g. statistics calculators, some design equipment, study materials, study tour etc.)

## Scholarship and Bursary

Your application for enrolment into Swinburne Sarawak will be assessed for eligibility to our range of scholarships and bursaries. Applicants who are eligible will be notified via an official Scholarship Offer Letter.



Scholarship and Financial Aid



Live Chat



**TOP 100  
GLOBALLY**

For civil engineering (2020 Academic  
Ranking of World by Subject)



**INDUSTRY  
EXPOSURES**

Engineers Malaysia (IEM), Engineers  
Australia (EA), Institution of Engineering  
and Technology (IET) UK



**PROFESSIONALLY  
ACCREDITED**

Engineers Australia and  
Board of Engineers Malaysia

## Swinburne Foundation Studies [Engineering/Science]

The Swinburne Foundation Studies (Engineering/Science) prepares you for direct entry to an Engineering bachelor's degree at Swinburne Sarawak or Swinburne Australia, as long as you meet the entry requirement and pre-requisites. Our Engineering's foundation course is designed to help you develop skills in communication, information technology and mathematics, and undertake units in physics, chemistry, and mathematics for engineering.

### Foundation: Units Of Study

Students must complete eight core and one elective.

#### Core units

- FCL10001 Academic and Communication Skills A
- FCL10003 Innovation and Change
- FCT10010 Information Technology
- FSE10024 Introductory Physical Science
- FSE10022 Engineering/Science Mathematics A
- FCL10002 Academic and Communication Skills B
- FSE10023 Engineering Maths B
- FSE10025 Physics

#### Electives

- FSE10021 Chemistry
- FST10014 Programming

## Degrees with Honours

Your Swinburne Sarawak Engineering degree have an integrated honours year where you'll have more opportunity to dive more deeply into your major area and develop your research skills.

## Double Degree

Our double degrees help broaden your study experience while being highly respected by employers. Double degree adds one extra year to the standard four-year degree, so you get six years' worth of study in five!

## School of Engineering – Your Pathway Options

**SPM/O Level /Equivalent**

**Swinburne Foundation Studies (Engineering/Science)**

- Bachelor of Engineering (Honours)(Civil)
- Bachelor of Engineering (Honours)(Electrical and Electronic)
- Bachelor of Engineering (Honours)(Mechanical)
- Bachelor of Engineering (Honours)(Robotics and Mechatronics)
- Bachelor of Engineering(Honours)(Civil) / Bachelor of Business
- Bachelor of Engineering (Honours)(Mechanical) / Bachelor of Business
- Bachelor of Engineering (Honours)(Robotics and Mechatronics) / Bachelor of Computer Science

## 2021 intakes

### Foundation

14 Jun, 5 July, 30 Aug, 4 Oct

### Degree

30 Aug, 27 Sep

### Master of Construction Management

30 Aug



Academic Calendar



## CAMPUS

### **Swinburne University of Technology Sarawak Campus**

Jalan Simpang Tiga  
93350 Kuching  
Sarawak, Malaysia

## FURTHER INFORMATION

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## DOWNLOADABLE RESOURCES



CRICOS Provider Code (Swinburne University of Technology): 00111D  
DULN004(Q) MQA/SA/0007 Co. No. 199901022294

The information contained in this course guide was correct at the time of publication, June 2021.  
The university reserves the right to alter or amend the material contained in this guide.

For the most up-to-date course information please visit our website.



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RECYCLE