

FACULTY OF ENGINEERING

**BACHELOR OF
CIVIL
ENGINEERING
WITH HONOURS**

OCTOBER
Intake

INTRODUCTION

The Bachelor of Civil Engineering with Honours programme aims to develop highly competent and technically proficient engineers equipped to meet the nation's growing demands in civil infrastructure. This is an EAC accredited program which initiates students with both technical expertise and professional responsibility in planning, designing, construction and handling the operation of buildings, bridges, port, dam, power generation station, highway, railway, airport, water supply and distribution, sewage disposal control. The programme offers courses which are geared towards specializations in Geotechnical Engineering, Transport Engineering or Structural Engineering.

Civil Engineering are needed all over the world in many roles, from the small number in research and development to the more usual design, management and control positions. There is an increasing national demand for civil engineers especially in the construction, highways, airports, dams environmental monitoring and other sectors. The graduate may also gain employment as research scientists working for research and consultancy in universities or other related organization.

DURATION OF THE PROGRAMME

The minimum of study is 4 years (8 semesters) on full time to a maximum period of 7 years.

FACILITIES AND RESOURCES

- Perpustakaan Tun Abdul Rahman Ya'kub (PeTARY) – The University library houses more than 200,000 titles of books and journals, and it also provides access to thousands of resources online.
- Resources Rooms – Spaces are provided for students to discuss, collaborate and work on academic tasks within the faculty and throughout the campus.
- To facilitate your learning experience, the university provides various facilities and resources:
 - Geotechnical and Geology Laboratory
 - Heavy Structure Engineering Laboratory
 - Light Structure Laboratory
 - Concrete and Material Laboratory
 - Highway Laboratory
 - Survey Laboratory
 - Traffic and Transportation Laboratory
 - Hydraulics and Hydrology Laboratory
 - Environmental Laboratory
 - Graphics Lab
 - Computer Aided Design (CAD) / Computer Aided Engineering (CAE) Laboratory

WHO SHOULD APPLY

The programme aims at providing opportunities to various group of potential candidates such as:

- Fresh graduates from STPM, Matriculation, Pre-University, Diploma and equivalents who wish to pursue
- Employees from relevant sectors of industries who are determined to human capital and expand your social network for better job performance and prospects

ENTRY REQUIREMENTS

Malaysian Qualifications

Generic Academic Requirements

- Possess Sijil Pelajaran Malaysia (SPM)/equivalent with a Credit in Bahasa Melayu/Bahasa Malaysia or Bahasa Melayu/Bahasa Malaysia July Paper and a Pass in Sejarah (SPM 2013 onwards)
- A Diploma or any other Equivalent Qualification OR STPM with minimum CGPA 2.00 with minimum Grade C (NGMP 2.00) in General Paper and in other two (2) subjects OR KPM Matriculation/ UM Science Foundation/ UiTM Foundation with minimum CGPA 2.00
- Minimum Band 2 in Malaysian University English Test (MUET)

Specific Requirements

- Possess a **DIPLOMA** in related field/equivalent as approved by UNIMAS Senate with minimum CGPA 2.50; **OR**
- Obtained at least Grade B- (NGMP 2.00) in **STPM** for the following subjects:
 - Physics
 - Mathematics; and
 - Biology/Chemistry; **OR**
- Obtained at least Grade C (2.00) in **MATRICULATION/FOUNDATION** for the following subjects:
 - Mathematics
 - Physics/Engineering Physics; and
 - Chemistry / Engineering Chemistry/ Biology /Basic Engineering; **AND**
- Minimum Grade C in SPM for Mathematics/Additional Mathematics; **AND**
- Minimum Grade E in SPM for English Language; **AND**
- Minimum Band 2 in Malaysian University English Test (MUET); **AND**
- Candidate do not have any disabilities (blind/colour blindness/physical disabilities) that hinder physical/laboratory work.

COURSE FEES

Malaysian student **RM 42,398.00**

International student **RM 80,000.00**

The fee is to be paid in eight (8) semesters.

Students are entitled to apply for PTPTN at only 1% interest rate to cover the course fees.

Alternatively, they can apply other external scholarship or education loan for undergraduate programme.

For international students

- Obtained GCE A Level/Australian Matriculation Programme (AUSMAT)/ with at least Gred C in three (3) subjects as follows:
 - Mathematics
 - Physics
 - Chemistry/Further Mathematics/ Biology;**OR**
- Passed International Baccalaureate (IB) with a minimum score 26 and obtained at least score 4 in three (3) subjects at High Level (HL):
 - Mathematics
 - Physics
 - Chemistry/Further Mathematics/ Biology;**AND**
- Obtained atleast Band 2 in MUET/Band 5.5 in IELTS / score 500 in TOEFL PBT / score 59 in TOEFL IBT test; **AND**
- Applicant does not have any eyesight disabilities and/or physical disabilities which may affect physical / laboratory works

CAREER PROSPECTS

Civil Engineer or engineering related works

CONTACT US

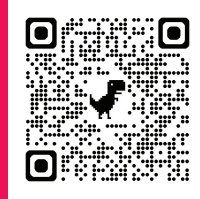
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