

## **Bachelor of Civil Engineering**

### **Introduction**

Bachelor of Civil Engineering program is offered to produce graduates who are holistic, accustomed science and technology and also innovative. Three main objectives of the program are to produce engineers who are (i) knowledgeable and competent in the field of civil engineering, and have the appropriate skills and attitudes to work in the industry, (ii) creative and innovative, and also sensitive and responsible to the society, cultures and environment, and (iii) capable to work in advanced design and development at national and international levels. It is a 4 year programme which consists of courses that are related to the field of Structural Engineering, Water and Environmental Engineering, Geotechnical and Geological Engineering, Highway and Transportation Engineering, and Project Management. The program requires the students to complete a total of 136 credits in 8 semesters of study. It has been accredited by Engineering Accreditation Council (EAC).

### **Career Opportunities**

Graduates from Bachelor of Civil Engineering program will have vast career opportunities in local companies, and multinational private or government agencies such as Mint Consult, Petronas, Malaysia Marine and Heavy Engineering, RE Consultant, Sepakat Setia Perunding, Titijaya Land Berhad and Kementerian Kerja Raya. Among the position secured by graduates are Construction Engineer, Consultant Engineer, Project Manager, Civil Engineer and Assistant Director. Graduates tracer study showed that the employability of the Bachelor of Civil Engineering program graduates are competitive and high.

## Admission Requirements

<b>Bachelor of Civil Engineering (PK01)</b> 8 Semesters		
Fulfills the University General Requirements and Specific Programme Requirements:		
a) A minimum CGPA of 2.80 b) A minimum of Band 3 in the Malaysian University English Test (MUET) OR Credit in English Language subject at SPM level		
c) And		
<b>STPM Holder</b>	<b>KPM Matriculation / UM Science Foundation / UiTM Foundation / UPM Agricultural Science Foundation Holder</b>	<b>Diploma Holder / Equivalent</b>
A minimum of Grade B (GP 3.00) in <ul style="list-style-type: none"> <li>• Mathematics T / Further Mathematics T; and</li> <li>• Physics</li> </ul>	A minimum of Grade B (GP 3.00) in <ul style="list-style-type: none"> <li>• Mathematics / Engineering Mathematics; and</li> <li>• Physics/Engineering Physics/Civil Engineering Studies</li> </ul>	A Diploma with a minimum CGPA of 2.80 in the appropriate field or other qualification approved by the UPM Senate.

## Curriculum (2016 – 2020):

The component of curriculum studies can be divided into three categories, namely general courses, core courses and elective courses:

Component	EAC requirements (minimum total credit hours)	Curriculum of Bachelor of Civil Engineering	Percentage
General Courses	No minimum value	35	26%
Core Courses	80	86	63%
Elective Courses		15	11%
<b>Total Credit</b>	<b>120</b>	<b>136</b>	<b>100%</b>

**Total credit hours** : **136**  
**Duration of study** : **8 semester (4 years)**

## Fees

Co de	Programme	Average cost of a student per year	Fees paid by a student per year*	Government subsidies to the student per year
63	Bachelor of Civil Engineering	RM26,315.00	RM4,489.00	RM21,826.00

\*Fees for local students on first semester as at August 2, 2018 is RM2,637.00 (subject to change from time to time).

### Persons to be contacted:

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