

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 129 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

| Bachelor of Civil Engineering (PK01) 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 | | |
| STPM Holder A minimum of Grade B (GP 3.00) in <ul style="list-style-type: none">Mathematics T / Further Mathematics T; and | KPM Matriculation / UM Science Foundation / UiTM Foundation / UPM Agricultural Science Foundation Holder A minimum of Grade B (GP 3.00) in <ul style="list-style-type: none">Mathematics / Engineering Mathematics; and | Diploma Holder / Equivalent A Diploma with a minimum CGPA of 2.80 in the appropriate field or other qualification |

| | | |
|-----------|---|--------------------------------|
| • Physics | • Physics/Engineering Physics/Civil Engineering Studies | approved by the UPM Senate. |
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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 | 27% |
| Core Courses | 80 | 79 | 61% |
| Elective Courses | | 15 | 12% |
| Total Credit | 120 | 129 | 100% |

Total credit hours : **129**
Duration of study : **8 semester (4 years)**

Fees

| Code | Programme | Average cost of a student per year | Fees on First Semester* | Government subsidies to the student per year |
|------|----------------------------------|--|----------------------------|---|
| 50 | Bachelor of Civil Engineering | RM24,921.00 | RM2,643.00 | RM20,491.00 |

*Fees for Local Students as per New Intake 2016/2017-1 Session (Subject to change)

Persons to be contacted:

Assoc. Prof. Dr. Wan Zuha bin Wan Hasan
 B.E.(UPM), M.Sc.(UPM), Ph. D (UKM), SMIEEE
Deputy Dean (Undergraduate Studies)
 Telephone: 603-89464365
 E-mail: wanzuha@upm.edu.my

Prof. Madya Ir. Dr. Raizal Saifulnaz Muhammad Rashid
 B.Sc. Eng.(Hons)(UTM), PhD (Adelaide)
 P.Eng, MIEM, Aff.M.ASCE, MSEI
Ketua Jabatan Kejuruteraan Awam
 Telephone: 603-8946 6377
 Emel: raizal@upm.edu.my

Mr. Jamali bin Janib
Senior Assistant Registrar (Academic, Student Affairs and Alumni)
Telephone: 603-8946 6275
E-mail: jamali@upm.edu.my

Address:
Division of Undergraduate Studies
Faculty of Engineering
Universiti Putra Malaysia
43400 UPM Serdang
SELANGOR, MALAYSIA
Telephone: +603-8946 6272 / 6273
Faks: +603-86567124
E-mail: eng.tdps@upm.edu.my
Website: www.eng.upm.edu.my

Updated on April 17, 2017