

ENTRY REQUIREMENTS

CIVIL ENGINEERING (UH6526001)

STPM

CGPA : 2.67

Mathematics (T) : B- , Physics / Chemistry : B-

MUET : Band 2

MATRICULATION / FOUNDATION

CGPA : 2.67 , Mathematics : B-

Physics / Physic (Engineering) / Chemistry / Chemistry

(Engineering) : B- , MUET : Band 2

DIPLOMA

CGPA : 3.00

Mathematics / Additional Mathematics (SPM) : C/6C

Physics / Chemistry (SPM) : C/6C , MUET : Band 2

Further info, please visit link:

<https://www.ums.edu.my/fki/index.php/en/program/undergraduate/civil-engineering>

ELECTRICAL & ELECTRONIC ENGINEERING (UH6523001)

STPM

Mathematics (T) : B- , Physics : B- , MUET : Band 2

MATRICULATION / FOUNDATION

Mathematics : B- , Physics : B- , MUET : Band 2

DIPLOMA

CGPA : 3.00

Mathematics / Additional Mathematics (SPM) : C/6C

Physics (SPM) : C/6C , MUET : Band 2

Further info, please visit link:

<https://www.ums.edu.my/fki/index.php/en/program/undergraduate/electrical-and-electronics-engineering>

CHEMICAL ENGINEERING (UH6524001)

STPM

CGPA : 2.67

Mathematics : B- , Chemistry : B- , Biology / Physics* : B-

MUET : Band 2

MATRICULATION / FOUNDATION

CGPA 2.67 , Mathematics : B-

Chemistry/Chemistry (Engineering) : B-

Biology/Physics*/Physics (Engineering) : B- , MUET : Band 2

DIPLOMA

CGPA : 3.00

Mathematics / Additional Mathematics (SPM) : C/6C

Physics (SPM) : C/6C

Chemistry (SPM) : C/6C

MUET : Band 2

Further info, please visit link:

<https://www.ums.edu.my/fki/index.php/en/program/undergraduate/chemical-engineering>

MECHANICAL ENGINEERING (UH6521001)

STPM

CGPA : 2.67

Mathematics (T) : B- , Physics : B- , MUET : Band 2

MATRICULATION / FOUNDATION

CGPA : 2.67

Mathematics: B- , Physics / Physics (Engineering) : B-

MUET: Band 2

DIPLOMA

CGPA : 3.00

Mathematics (Diploma) : B-

Physics / Engineering Science (Diploma) : B-

Mathematics / Additional Mathematics (SPM): C/6C

Physics (SPM) : C/6C , MUET : Band 2

Further info, please visit link:

<https://www.ums.edu.my/fki/index.php/en/program/undergraduate/mechanical-engineering>

ELECTRONIC ENGINEERING (COMPUTER) (UH6523002)

STPM

CGPA : 2.0 , Mathematics (T): C , Physics: C , MUET: Band 2

MATRICULATION / FOUNDATION

CGPA : 2.0 , Mathematics : C , Physics : C , MUET : Band 2

DIPLOMA

CGPA : 2.50

Mathematics / Additional Mathematics (SPM) : C/6C

Physics (SPM) : C/6C , MUET : Band 2

Further info, please visit link:

<https://www.ums.edu.my/fki/index.php/en/program/undergraduate/electronics-computer-engineering>

OIL AND GAS ENGINEERING (UH6524002)

STPM

Mathematics (T) : B- , Physics : B- , Chemistry : B-

MUET : Band 2

MATRICULATION / FOUNDATION

Mathematics : B- , Physics : B- , Chemistry : B-

MUET : Band 2

DIPLOMA

CGPA : 2.70

Mathematics / Additional Mathematics (SPM) : C/6C

Physics (SPM) : C/6C

Chemistry / Biology / Engineering Drawing (SPM) : C/6C

MUET : Band 2

Further info, please visit link:

<https://www.ums.edu.my/fki/index.php/en/program/undergraduate/oil-and-gas-engineering>



UMS
UNIVERSITI MALAYSIA SABAH

FACULTY OF ENGINEERING

Bachelor of Engineering
with Honours



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YouTube Channel: [FKJ Media](https://www.youtube.com/FKJMedia)



OUR PROGRAMMES

Civil Engineering (UH6526001)

Civil engineers build the infrastructure which supports daily life – hospitals, schools, roads, harbours, railways, airports and etc. Our comprehensive curriculum content is designed to produce holistic engineers with strong fundamentals in civil engineering and generic skills. Students are molded into multi skilled individuals equipped with high intellectual capabilities for various professional positions in the civil engineering field.

Career Prospect

The career of civil engineer includes the planning, design, construction and maintenance of building and structures, transportation systems and public health services.

Mechanical Engineering (UH6521001)

Mechanical engineers design, fabricate, operate and maintain mechanical devices and systems that drive a process, mass produce, or bring comfort to society in a safe manner. Our curriculum provides necessary knowledge and skills in theory and application of machinery, thermo-fluids, materials, manufacturing, management, computer aided design, product design and control.

Career Prospect

Mechanical engineers are found in manufacturing industry, semiconductors, healthcare, agricultural industry, oil and gas, energy, construction, consulting firms, HVAC, mechatronics, marketing, education and related industries. Their career advancements includes professional certifications (steam engineer, safety and health officer, etc) and recognitions (professional engineer, chartered engineer, etc).

Oil & Gas Engineering (UH6524002)

Oil and gas engineering covers the production of oil and gas from subsurface (underground) to surface in an economical and environmental safe way. The Curriculum covers the broad areas in oil and gas engineering, ranging from upstream until midstream.

Career Prospect

The careers that graduates can pursue include Production engineer, Reservoir engineer, Drilling engineer, Process engineer, Reservoir modeler, Well engineer, Safety engineer, Completion engineer, Project Manager, Petroleum engineer and others career in oil and gas field.

Electrical & Electronic Engineering (UH6523001)

The field of Electrical and Electronic Engineering plays a significant role in shaping our society. The impact can be seen in sustainable electrical system and electronic consumer products that have served to enhance our quality of life as well forming the basis for major economic activity. Electrical and Electronic Engineering programme offers an academic study spanning over Power System, Communication System, Microelectronics and Nanoelectronics, Signal and Image Processing, and Control and Automation.

Career Prospect

Demands for electrical and electronics engineers are high due to their versatility in developing and applying emerging technologies. Potential career includes electrical engineer, electronic engineer, computer engineer, power engineer, software engineer, telecommunication engineer, data analyst, project engineer, consulting engineer, system engineer, design engineer and production engineer.

Electronic Engineering (Computer) (UH6523002)

The rapid growth of computing industry and information technology requires a large number of electronic engineering with computer science background. The primary objective of this programme is to provide a broad-based education in electronic engineering and computer science. In the electronic engineering section, students develop skills in electronic circuits, microprocessor, embedded system, instrumentation, control systems, and telecommunication systems. The curriculum also includes computer programming, cyber security, computer network, and operating system.

Career Prospect

With the growing need for industry 4.0, our graduates are highly in-demand. Graduates can work as Software Engineers, Electronics Engineers, Telecommunication Engineers, Cyber Security Engineers, Instrumentation & Control Engineers, and Research & Development Engineers in a wide spectrum of industries.

Chemical Engineering (UH6524001)

Chemical Engineering is bringing Chemistry in the test tube to mass production, at larger scales, through either well-defined or ill-defined geometry. It converts raw materials into marketable products profitably, safely and sustainably by being kind to the environment. Our curriculum is designed to produce professionals of graduates in the sectors of oil and gas, agricultural produce (oil palm, rubber, timber, cocoa and fruits) and manufacturing.

Career Prospect

A survey shows more than 80% of our graduates have been able to obtain jobs within 6 months. The sectors are currently oil and gas, biotechnology (biomass and biofuel), manufacturing and processing, wastewater and waste treatment. They have gone into design, consultancy, certification, plant management, plant operation and sales.

FEE STRUCTURE

FEES		(RM)
(I) One-time payment payment for the entire duration of the study (Registration Entry)	New Student Registration Fee	515.00
	(II) Recurring fee every semester- 18 weeks/ semester (2 Semester per year)	Tuition Fees 1,040.00 Hostel Fees 665.00 Accreditation Fees 50.00
Total		1,755.00
(III) Payment fee for the beginning of each session (Annual)	Insurance (Group)	25.00
	Student Association Membership Fees	5.00
Total		30.00
SUBTOTAL (NEW STUDENT)		2,300.00
TOTAL FEE FOR 4 YEARS OF STUDY (HOSTEL FEES ARE NOT INCLUDED)		9,355.00

A P P L I C A T I O N

<http://upu.mohe.gov.my>

UNTUK KETERANGAN LANJUT, SILA LAYARI DI LAMAN SESAWANG BERIKUT:

Fakulti Kejuruteraan official : <https://www.ums.edu.my/fkj/>

 Fakulti Kejuruteraan UMS : <https://www.facebook.com/Fakulti-Kejuruteraan-UMS-108585044088599>

 FKJ Media : <https://www.youtube.com/channel/UCWsVzYg0sn5S9WaDIIQyCjQ>



PROGRAM DIPLOMA:

Diploma Kejuruteraan Proses (Operasi Minyak & Gas):

<https://www.ums.edu.my/fkj/index.php/en/program/diploma>

PROGRAM PRASISWAZAH:

Program Kejuruteraan Awam :

<https://www.ums.edu.my/fkj/index.php/en/program/undergraduate/civil-engineering>

Program Kejuruteraan Elektrik & Elektronik :

<https://www.ums.edu.my/fkj/index.php/en/program/undergraduate/electrical-and-electronics-engineering>

Program Kejuruteraan Kimia :

<https://www.ums.edu.my/fkj/index.php/en/program/undergraduate/chemical-engineering>

Program Kejuruteraan Mekanikal :

<https://www.ums.edu.my/fkj/index.php/en/program/undergraduate/mechanical-engineering>

Program Kejuruteraan Elektronik (Komputer):

<https://www.ums.edu.my/fkj/index.php/en/program/undergraduate/electronics-computer-engineering>

Program Kejuruteraan Minyak & Gas :

<https://www.ums.edu.my/fkj/index.php/en/program/undergraduate/oil-and-gas-engineering>

PROGRAM PASCASISWAZAH:

Ijazah Sarjana : <https://www.ums.edu.my/fkj/index.php/en/program/postgraduate/2020-02-25-02-06-30>

Ijazah Doktor Falsafah : <https://www.ums.edu.my/fkj/index.php/en/program/postgraduate/2020-02-25-02-05-09>