BACHELOR OF ENGINEERING (HONS.) OIL & GAS

“Activating Dreams, Catalysing Excellence For Sustainable Future”

For more information, please contact:
Head Centre of Studies
Faculty of Chemical Engineering
Universiti Teknologi MARA Shah Alam, Selangor
Phone No: +603-55448027

Or visit us at:
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Fac
UPU CODE: UE6524003
BACHELOR OF ENGINEERING (HONS) OIL AND GAS
EH243
FULL TIME: 8 SEMESTER
UiTM SHAH ALAM
BACHELOR OF ENGINEERING (HONS) OIL & GAS

This programme was launched in July 2008 as a response to the introduction of the National Key Economic Areas (NKEA) by the government, in which oil & gas sector is ranked number one in terms of its contribution to the country. The objective of the programme is to produce quality and marketable graduates in wide spectrum of oil & gas energy industry. The programme is accredited by the Board of Engineers, Malaysia.

MODE AND DURATION

Fulltime and 8 semesters.
The Bachelor of Engineering (Hons) Oil & Gas graduates are employed in all sections of oil & gas business, namely upstream, midstream, and downstream. Track record shows that the graduates are hired and recognized by giant multinational players in the industry, and now are progressing well towards becoming the leaders of the industry.
Oil and Gas Engineering is a unique programme that covers the full breadth of the oil & gas industry starting from upstream, midstream & downstream. This 4-year bachelor degree programme consists of 137 credit hour, with balanced hybrid of engineering fundamental, surface and subsurface courses.
ENTRY REQUIREMENT: GENERAL QUALIFICATION

Open to all Bumiputera students that fulfil the entry requirements.

A minimum **Band 2** in MUET

A **PASS** in **ENGLISH** in SPM or its equivalent which recognized by the Malaysian Government

Candidate must **NOT** be **COLOR BLIND** or **PHYSICALLY DISABLED** which makes him/her unable to conduct
**ENTRY REQUIREMENT: SPECIFIC QUALIFICATION**

**Candidates from Diploma in Chemical Engineering from UiTM:**
- A minimum CGPA of **3.0**

**Candidates from Diploma in Chemical Engineering from other institutions recognized by the Malaysian government:**
- A minimum CGPA of **3.00**

**Candidates from UiTM’s Science Foundation/ PASUM/ Matriculation or its equivalent, recognized by the Malaysian government:**
- A minimum CGPA of **2.75**
- Grade B- for two subjects, and Grade C in 1 subject from the following: Mathematics, Physics/ Engineering Physics, Chemistry/ Engineering Chemistry.

**Candidates from STPM or its equivalent recognized by the Malaysian government:**
- A minimum CGPA of **2.75**
- Grade B- for two subjects, and Grade C in 1 subject from the following: Mathematics T/ Further Mathematics T, Physics, Chemistry.
The Faculty of Chemical Engineering offers a wide range of facilities to help the students in their learning and research activities:

**Conducive Study Environment:**
- Enable teaching & learning facilities (classroom & lecture theaters)
- Library equipped with online resources
- Student recreational/discussion area (Laman Minda & Taman Lestari)

**Fully Equipped Laboratories**
The Oil and Gas Engineering department has its own specific labs as listed below:
1. Petroleum Geology Lab
   - Rock cutting and coring facilities
   - Rock recognition unit
   - High resolution microscopes
2. Rock and Fluid Properties Lab
   - Porosity and permeability meters
   - PVT and SCAL analysis facilities
3. Reservoir Simulation Lab
4. Drilling and Mud Technology Lab
5. Multiphase flow-loop system
6. Natural Gas Engineering Lab
7. Launcher & receiver (pigging) system
8. Drilling Simulator
FKK’s Programme

- Extensive academic
- Collaboration with world class universities
- Active students association & activities
- Strong industrial engagement
- Comprehensive lab
- Intensive research
- Student internship programme
Faculty members are active in a wide range of research. Current research includes:

- Carbon Dioxide Capture and Storage
- Oil Field Chemical
- Enhanced Oil Recovery
- Flow Assurance
- Corrosion Pipeline
- Drilling Optimization
- Hydrocarbon processing
- Surface Facilities
- Petroleum Reservoir
- Multiphase flows
- Drilling Fluid and Completion
ALUMNI

MUHAMMAD YUSOF MOHD AZIZ

Graduate 2012
Program Bachelor of Oil and Gas Engineering (Hons.)
Position Assistant Completion Supervisor

ATHIRAH AQILAH AKMAL BT SAJALI

Graduate 2013
Program Bachelor of Oil and Gas Engineering (Hons.)
Position Petroleum Engineer
Company JX Nippon Oil & Gas Exploration (Malaysia) Limited
Q: How to apply?

Answer: Selecting a course of study at university is a major decision. We advise applicants to read university prospectus and access the information via our website before making the final decision. Applications to our Bachelor’s degree programmes can be made through the University Center Unit/ Unit Pusat Universiti (UPU) or online via the Student Intake Administration Division, Ministry of Higher Education. Applying online means that you only have to submit one application form and UPU will send your application to your choice of universities. Applicants are expected to meet all the entry requirements that can be referred at http://pengambilan.uitm.edu.my/e-syarat/2019. Information about the programmes offered at UiTM can be viewed at the PORTAL KEMASUKAN PELAJAR Universiti Teknologi MARA, https://online.uitm.edu.my.

Q: Is there a deadline for graduate application?

Answer: We have two intakes every year which are in March and September. For further information on the intakes, please visit the website http://pengambilan.uitm.edu.my/kalendar-pengambilan to view the intake schedule.
FREQUENTLY ASKED QUESTIONS

Q: Will I receive financial support?

Answer: There are several financial supports which could be applied such as PTPTN and others government loans and scholarships. The UiTM Financial Support Unit manages the PTPTN loans and its other related matters for eligible students. For further information, please visit this website: https://myfinancial.uitm.edu.my/new/index.php/pelajar.