



## SCHOOL OF SCIENCE & ENGINEERING

# Level 5 Diploma in Petroleum Engineering

*"This programme focuses on providing students with a strong foundation in the principles and practices related to the exploration, production, and processing of petroleum resources. The programme aims to equip graduates with the necessary skills and knowledge to pursue a career in the petroleum industry."*

### Career Opportunities

Petroleum Engineering (Geoscience, Petrophysics, Reservoir Engineering and Production Engineering), Well Engineering areas (Drilling services, Completion services and Geoservices) and other relevant areas such as HSSE, Operation Planning and Logistics.

### Further Studies Opportunities

Bachelor's degree in Petroleum Engineering and in related areas at local or international universities.

## Programme Duration: 2.5 Years Full time

### Year 1, Semester 1

Module Title	Module Type
Pengajian MIB	Core
Engineering Mathematics 1	Core
Communication Skills	Core
Health, Safety, Security and Environment	Core
Physical Geology	Essential
Fundamentals of Petroleum Engineering	Essential

### Year 1, Semester 2

Module Title	Module Type
Pendidikan Islam	Core
Engineering Mathematics 2	Core
Engineering Drawing	Essential
Engineering Physics	Essential
Engineering Chemistry	Essential
Petroleum Geology	Specialised

### Year 2, Semester 3

Module Title	Module Type
Entrepreneurship Basic	Core
Petrophysics and Well Logging	Specialised
Reservoir Engineering	Specialised
Petroleum Production Engineering	Specialised
Petroleum Engineering Design Project	Specialised

### Year 2, Semester 4

Module Title	Module Type
Well Drilling Operations	Specialised
Well Completion and Intervention	Specialised
Drilling and Well Technology	Specialised
Drilling and Well Design Project	Specialised
Maintenance Engineering and Planning	Essential

### Year 2.5, Semester 5

Module Title	Module Type
Internship	Core
Final Year Project	Core

### Throughout 2.5 years programme

Enrichment	Core
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