

Why Should Enrol in This Programme?

Collaboration with
PETRONAS INSTEP.

Get Master scroll + 5
training certificate
from PETRONAS
INSTEP.

Hands-on at
Upstream
Downstream Training
Plant at PETRONAS
INSTEP.

Weekend classes are
available with flexible and
various delivery modes which
not limited to class room but
include online classes, case
study, and real
problem-based learning.

Opportunity for
networking between
classmates

Contact Us

Email Faculty : kkk@ump.edu.my
Phone No Faculty : 09 431 5016

Email IPS : ips.admission@ump.edu.my
Phone No IPS : 09 431 5024

In collaboration with:
INSTEP
INSTITUT TEKNOLOGI PETROLEUM PETRONAS



MASTER OF SCIENCE (PROCESS PLANT OPERATION)

MQA / FA 9578

Register Now

<http://ips.ump.edu.my>



VIDEO PROGRAMME



About UMP

Established as a technical university in 2002, Universiti Malaysia Pahang (UMP) offers a variety of engineering-and technology-based technical programmes, including high-level Technical and Vocational Education and Training (TVET).

Ranked as one of the best in Research and Innovation within the classifications of Malaysia Technical University Network (MTUN) and Non-Research University (Non RU), UMP is steadfastly committed to innovating and developing unique academic programmes through strategic international collaborations. A milestone of such innovation is UMP's world class dual-degree engineering programme offered in collaboration with Germany's Karlsruhe University of Applied Sciences (HsKA) – now seen as the benchmark for other public institutions of higher learning in Malaysia. In the field of research, UMP collaborates with local industries to focus on industry-related applications. Such research collaboration enriches the teaching and learning modules at the university, while simultaneously promotes commercialization of research output and products.

Semester

01

- Logistics and Operation Management
- Project Management
- Financial Analysis
- Research Methodology
- Elective I

Semester

02

- Plant Integrity, Maintenance and Troubleshooting
- Chemical Process Design and Equipment
- Process and Production Control
- Process Safety Management
- Master Project I

Semester

03

- Master Project II
- Elective II

Elective Subjects

Energy Management

Environmental Management and Sustainability Development

Strategic Marketing, Planning and Implementation

Quality Control and Assurance

Industrial Sustainability & Decision Making

Programme Structure

Credit Hours

40
hours

Course
Structure

Intake

Twice
a year

What Industrial Experts Say About Our Programme



"Supported by industry experienced instructors, the UMP MSc Process Plant Operation programme will expose learners to the entire value chain of the oil & gas industry. In addition, INSTEP state-of-the-art Upstream Downstream Training Plant accelerates learners' competency development through experiential learning to prepare competent workforce in plant Operations & Maintenance"

Idris Ibrahim

Chief Executive Officer, PETRONAS Technical Training Sdn. Bhd. (PTTSB)

Durations:

Full Time: 1 year to 3 years

Part Time: 2 years to 6 years

Entry Requirement

- A Bachelor degree with honours (minimum CPA 2.50) in the relevant area from recognised or equivalent professional qualifications that are recognised by the university;

OR

- A Bachelor degree or equivalent not meeting CPA 2.50 can be accepted subject to a minimum of five (5) years working experience in the relevant fields.

English Requirement

- Students must have IELTS Band 5.0 or TOEFL 500. The certification should not be more than 2 years from the date test taken and registration of candidature. Exception English requirement is not needed for international students with Bachelor and Masters' degrees from Malaysia universities.

Accreditation of Prior Experiential Learning (APEL)

- APEL A: Working experience portfolio and pass aptitude test to enter Master programmes.
- Minimum age requirements: aged 30 and above for Master's Degree.

Course Fee

Estimated total fees



Local Student

MYR 28,835



International Student

MYR 43,985

*MYR-Ringggit Malaysia

*Hostel/ Accommodation fees are not included

Location

Faculty of Chemical and Process Engineering Technology
Universiti Malaysia Pahang
Lebuh Persiaran Tun Khalil Yaakob
26300, Kuantan
Pahang, Malaysia

