

Why Should Enrol In This Programme?

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The first chemical engineering programme with entrepreneurship in Malaysia.

Our master programme is at the forefront of business in technology ranging from the complex gas and petrochemicals, renewable energy, recycling technology, bio-ingredients, process control and product development.

Weekend classes or night classes are available for busy professionals.

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

MASTER OF CHEMICAL ENGINEERING WITH ENTREPRENEURSHIP

MQA/FA5308

Register Now

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



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

- MKK1143 Transport Phenomena Engineering
- MKK1163 Catalytic Reaction Engineering
- MKK1313 Chemical Product Design & Management
- MKK1112 Research Methodology
- MKK1183 Managing Business Intelligence
- MKK1173 Finance for Entrepreneurship Decision

Semester

02

- MKK1253 Separation Process Engineering
- MKK1263 Process Modelling & Control
- MKK1132 Marketing Intelligence
- MKK1122 Entrepreneurship Business Plan
- MKK2424 Thesis/Master Project 1
- MKK1*** Elective Chemical Engineering

Semester

03

- MKK2436 Thesis/Master Project 2
- MKK1*** Elective Chemical Engineering

Elective Subjects:

- MKK1523 Environmental Technology
- MKK1523 Oil & Gas Processing Technology
- MKK1613 Scale up of Chemical Process
- MKK1623 Industrial Sustainability & Decision Making

Programme Structure

Credit Hours

43
hours

Course
Structure

Intake

Twice
a year



Durations:

Full Time: 1 year to 3 years
Part Time: 2 years to 6 years

Course Fee

Estimated total fees



Local Student

MYR 15,490



International Student

MYR 27,010

*MYR-Ringgit 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



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.

