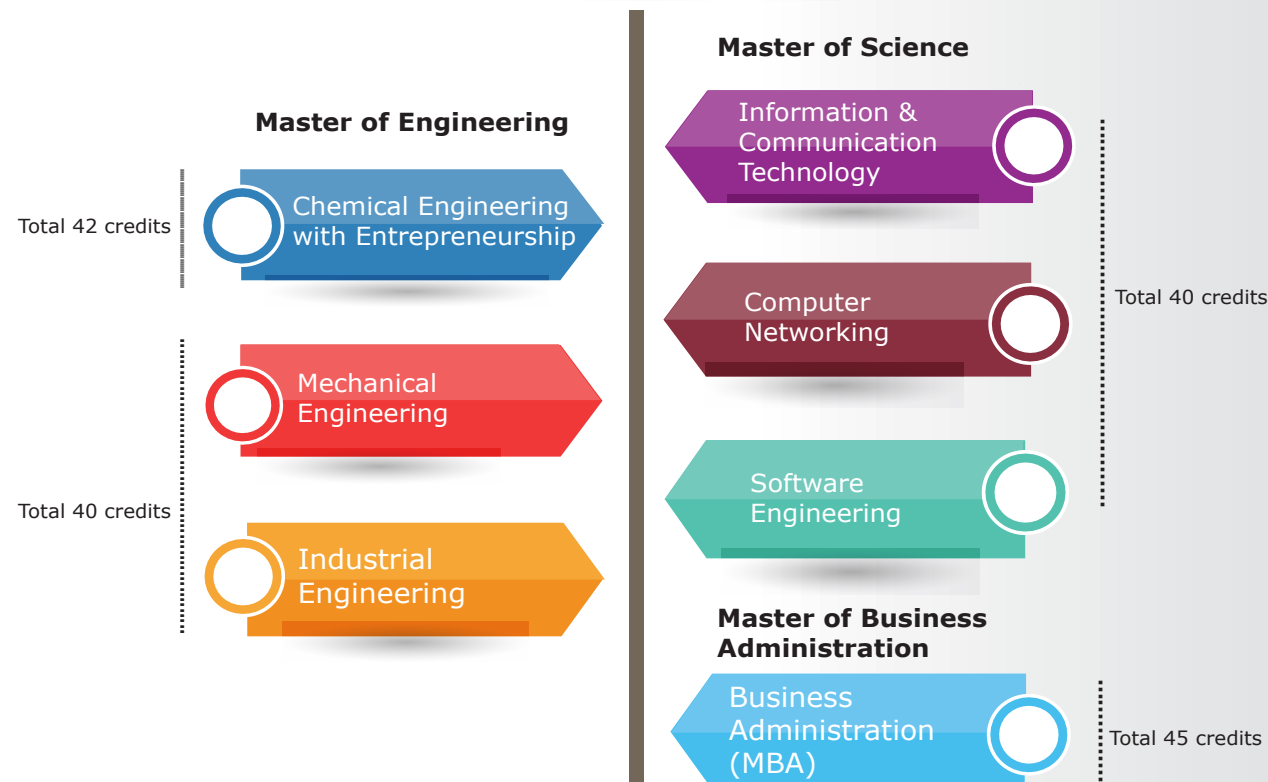


POSTGRADUATE PROGRAMMES

Masters by Coursework



SCHOLARSHIP AND GRANTS

Graduate Research Scheme (GRS) Master & PhD
(Applicable for registered local and International students)
<http://ips.ump.edu.my>
☎ 609-549 3197

National Higher Education Fund Corporation (PTPTN)
(Only applicable to local students)
<http://www.ptptn.gov.my>
☎ 603-2080 4455

MyMaster & MyPhD (MyBrain15)
(Only applicable to local students)
<http://biasiswa.mohe.gov.my/mybrain15>
☎ 603-8888 1616

Majlis Amanah Rakyat (MARA)
(Only applicable to local students)
<http://www.mara.gov.my>
☎ 603-2613 2000

Pinjaman Pendidikan Yayasan Pahang
(Only applicable to local students)
<http://www.yp.org.my>
☎ 609-5181800

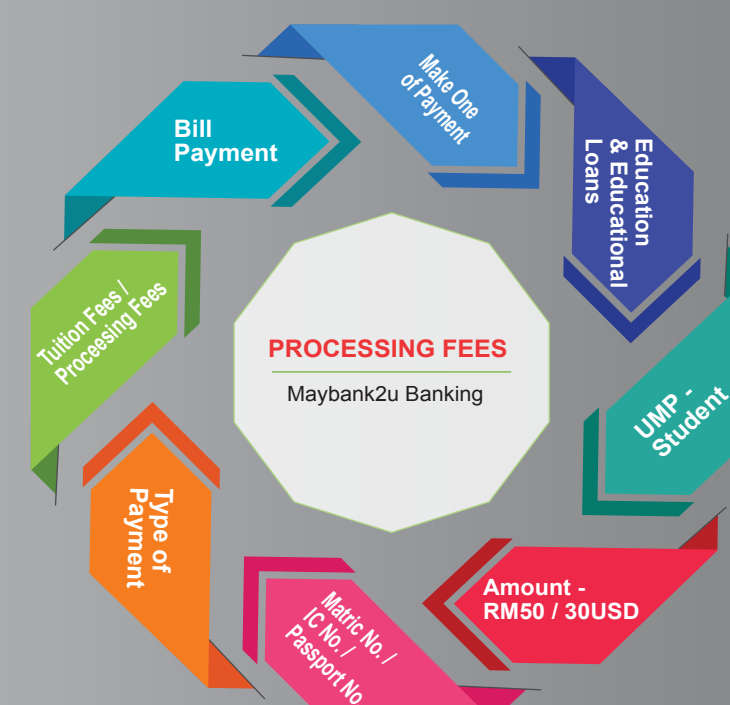
Malaysian International Scholarship (MIS)
(Only applicable to international students)
<https://biasiswa.mohe.gov.my/INTER/>
☎ 603-8870 6000

When To Apply Throughout The Year

Processing Fees **RM 50** Local Candidate **USD 30** International Candidate

How To Apply Ph.D & Masters by Research

- 01 Log in to our portal ips.ump.edu.my
- 02 Look up for a suitable supervisor in your field interest in expert directory.
- 03 Click Online Application and sign up your username.
- 04 Fill in Online Application Form and click submit.
- 05 Your Application will process which usually takes about 1 month.



Entry Requirements

Master's Degree Programme (Full Time / Part Time By Coursework)

A Bachelor degree with honours (minimum CPA 2.50/4.00) in the relevant area from recognized, OR

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

Intakes

February & September

English Language Requirements

One of the following:

IELTS: Band 5.0

TOEFL:

Paper Based-Test (PBT) - 500 points or;
Internet Based-Test (IBT) - 60 or;
Computer Based-Test (CBT) - 173

Students with IELTS Band 5.0 and below and/or TOEFL 500 and below or without any English language certification must attend Pre-session English Course (PEC).

*International students with Bachelor and Master's from Malaysian Universities, English requirement is not needed and also to Malaysian students.

Course Fees

Duration

On Campus	Local Student (MYR285/credit hour)	International Student (MYR400/credit hour)
40 Credit	14,475	20,115
42 Credit	15,045	20,915

Program	Full Time		Part Time	
	Minimum Period	Maximum Period	Minimum Period	Maximum Period
Master coursework	1 years	3 years	2 years	6 years

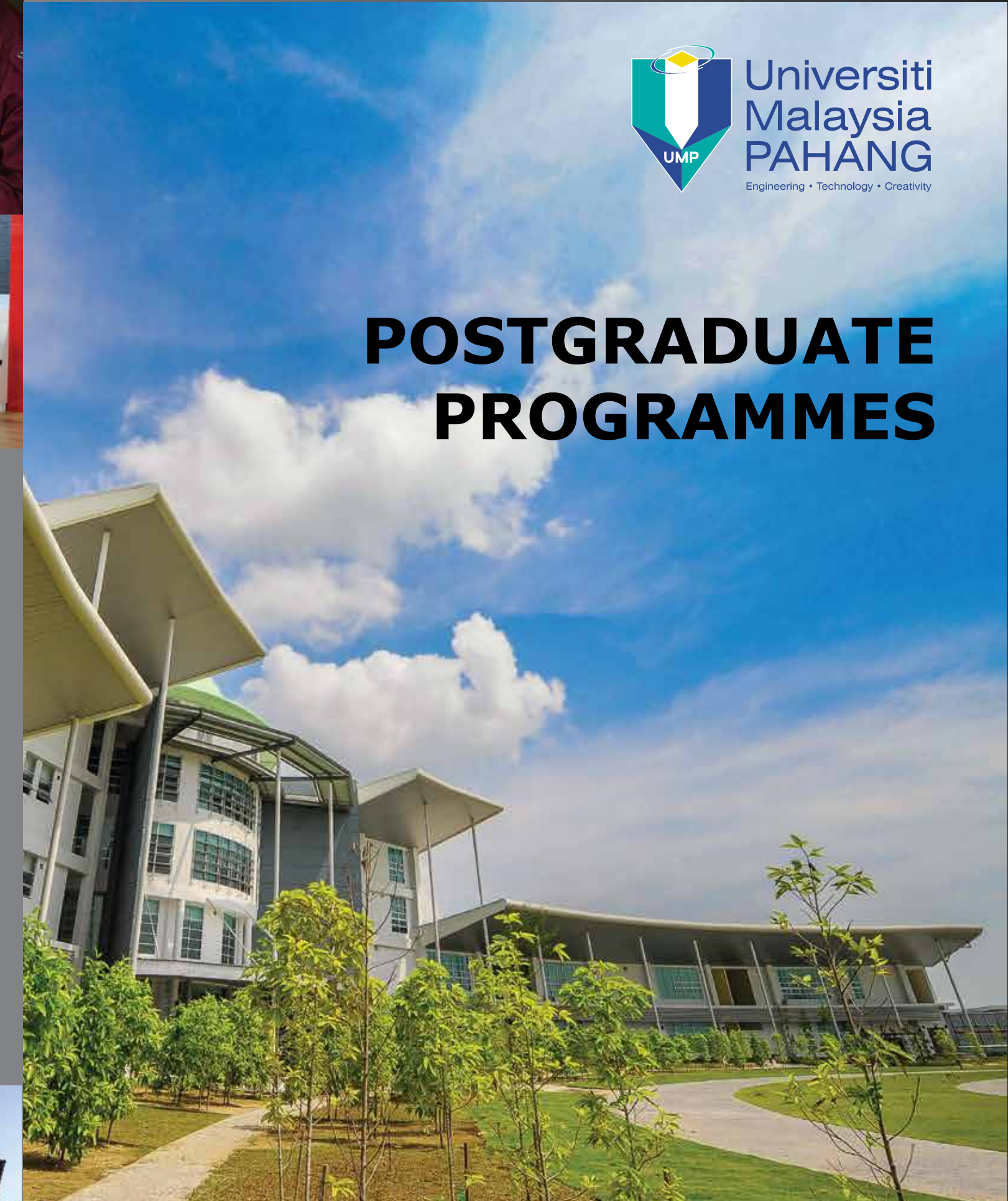
Business Administration (MBA)

On Campus	Local Student (MYR375/credit hour)	International Student (MYR525/credit hour)
45 Credit	19,950	27,740

Contact Us

Institute of Postgraduate Studies
Universiti Malaysia Pahang
Lebuhraya Tun Razak
26300 Kuantan
Pahang
MALAYSIA

☎ 609-549 3197 / 3198 / 3199
✉ ips@ump.edu.my
<http://ips.ump.edu.my>



ABOUT UNIVERSITI MALAYSIA PAHANG

Universiti Malaysia Pahang (UMP) was established by the Government of Malaysia on February 16, 2002. UMP was set up as a competency-based technical university which specialises in the fields of engineering and technology.

UMP is located on the east coast state of Pahang, the biggest state in Peninsular Malaysia, with vast areas of rainforest endowed with a wide range of biodiversities and natural resources.

The campus is also strategically located in the East Coast Industrial Belt of Peninsular Malaysia, which hosts a large number of multinational corporations (MNCs) in the chemical, petrochemical, manufacturing, automotive and biotechnology industries.

UMP offers a wide range of skills-based tertiary education programmes in engineering and technology to produce competent engineers.

UMP also offers a wide range of practical-based

technology. Its application-oriented curriculum integrates theory and practice in the concept of a teaching factory, emphasizing experiential and action learning, task oriented and problem solving. As for research, UMP focuses on applied research and industrial projects to enrich the teaching and learning processes as well as to promote the commercialization of research products.

UMP focuses on applied researchers and industrial projects to enrich the teaching and learning processes while promoting the commercialisation of the research products, thus exposing students to the latest research and development activities in the industries.

The university's campuses are fully equipped with the latest information & communication technology (ICT) systems, including wireless broadband internet connections to facilitate the university's electronic-based e-Learning and e-Management activities.



UMP Campus in Gambang

UMP now operates at two separate campuses - one in Gambang of about 30kilometer away from the state capital Kuantan and another in the designated royal residential town of Pekan. Collectively, the university encompasses a land area of 65,000 square meters, accommodating of about 4,000 students.

The University is only 2 hours and 30 minutes away from Kuala Lumpur, via the East Coast Expressway. Being strategically located in the East Coast Industrial Belt of Peninsular Malaysia - which hosts a number of multinational corporations (MNCs) in the chemical, petrochemical, manufacturing, automotive and biotechnology industries - UMP students get extensive exposure to the latest development in the fields of engineering and technology.

UMP Campus in Pekan

UMP's main Campus in Pekan began its operation in July 2009. At present, the campus harbours three engineering faculties, namely the Mechanical, Electrical & Electronics and Manufacturing Engineering Faculties. When construction is fully completed, the Pekan campus can accommodate up to a total of 10,000 students and 2,000 staff.

Academic Facilities and Resources

UMP's laboratories have the latest equipments resembling those practically used in the industries. A 24-hour internet connection serves students through the wired and wireless network through the campus, making it a conducive.

RESEARCH AND DEVELOPMENT

Niche Areas

- Chemical Engineering and Industrial Biotechnology
- Automotive Engineering and Manufacturing

The university focuses on applied research and industrial projects to boots the teaching and learning process with four focus groups and seven expert group:

Focus Groups

- Chemical Engineering
- Industrial Biotechnology
- Automotive
- Manufacturing

Expert Groups

- Process Instrumentation and Control
- Innovative Construction
- Information Technology
- Human Sciences
- Environmental
- Advanced Materials
- Communications

LIST OF FACULTY & CENTER

- FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING
- FACULTY OF MECHANICAL ENGINEERING
- FACULTY OF MANUFACTURING ENGINEERING
- FACULTY OF CIVIL ENGINEERING & EARTH RESOURCES
- FACULTY OF CHEMICAL & NATURAL RESOURCES ENGINEERING
- FACULTY OF COMPUTER SYSTEMS & SOFTWARE ENGINEERING
- FACULTY OF ENGINEERING TECHNOLOGY
- FACULTY OF INDUSTRIAL SCIENCES & TECHNOLOGY
- FACULTY OF INDUSTRIAL MANAGEMENT
- CENTRE FOR MODERN LANGUAGE & HUMAN SCIENCES

WHY UMP IS YOUR CHOICE?

Centre of Excellence (CoE)

- **Automotive Engineering Centre (AEC)**
Enhancing the quality of education especially in the field of automotive for benefit of the students as well as supporting the relevant industries with the expertise available.
- **Centre for Earth Resources Research & Management (CERRM)**
A one-stop centre providing multi discipline expertise in research as well as consultation for the field of engineering, environment and earth resources.
- **Centre of Excellence for Advanced Research in Fluid Flow (CARIFF)**
Conducting researchers regarding fluid flow concentrating on areas such as drag reduction, multiphase flow systems, oil & gas technologies and reactive fluid dynamics.
- **Rare Earth Research Centre**
Contributing to the development of related industries as well as to support the researchers in discovering and developing new technology specifically in the fields that involves rare earth.
- **IBM & HeiTech Padu Berhad**
The first Academic Campus Centre of Excellence for IBM in Malaysia established in 2011 together with HeiTech Padu Sdn. Bhd. through commitment and smart partnership aimed at achieving excellence in training and consulting services in knowledge technology as well as seeking research collaborations nationally and internationally with any willing private or public organisation.
- **The Centre of Excellence for Bio-Aromatic**
Set up in a bid to enhance research and development (R&D) in biotechnology and bio-production in Pahang as well as to bring benefit to flavour and fragrance industry players in Malaysia and abroad.

Facilities

- 24/7 wireless broadband internet and on-campus e-Community system.
- The largest TM HotZone bandwidth in the East Coast Region of Peninsular Malaysia.
- The best and sophisticated laboratories in the East Coast Region of Peninsular Malaysia.
- World-class Sport Complex with the largest floor area among the public universities in Malaysia for various sporting events. UMP also has been given a national focus on basketball.

LOCAL & INTERNATIONAL GRANT

National Grants

- Research Acculturation Collaborative Evert (RACE)
- Fundamental Research Grant Scheme (FRGS)
- Exploratory Research Grant Scheme (ERGS)
- Long Term Research Grant Scheme (LRGS)
- MOSTI (ScienceFund, TechnoFund & am; InnoFund)
- Niche Research Grant Scheme (NRGS)
- Dana Pembudayaan Penyelidikan (RAGS)
- MTUN CoE Grants
- Industrial Grants
- Geran Dasar Pandang ke Timur
- Transdisciplinary Research Grant Scheme (TGRS)
- CREST R&D Grants

Internal Grants

- UMP Research Grant Scheme
- UMP Postgraduate Research Grant Scheme (PGRS)
- UMP Seed Money Research Grant
- UMP Flagship Grant Scheme



POSTGRADUATE FIELD OF RESEARCH

DOCTOR OF PHILOSOPHY & MASTER OF SCIENCE (BY RESEARCH)

Engineering

- Applied Electronics & Computer Engineering
- Sustainable Energy & Power Electronics
- Instrumentation & Control Engineering
- Mechatronics & System Design
- Advanced Manufacturing Process & Design
- Manufacturing System & Optimization
- Innovative Materials
- Innovative Manufacturing, Mechatronics and Sports
- Chemical Engineering
- Environmental Technology
- Bio-Process Engineering
- GIS & Remote Sensing

- Gas Engineering
- Advanced Structural Integrity And Vibration Research
- Manufacturing
- Human Engineering
- Structural Materials & Degradation
- Automotive Engineering
- Energy Sustainability
- Structures and Materials
- Geotechnical and Infrastructures
- Project Management and Construction
- Water Resources & Environmental

Technology

- Supply Chain & Logistics Management
- Project Management
- Finance, Accounting & Economics
- Entrepreneur
- Business Management
- Strategy Leadership & Governance
- Computing & Modelling
- Operation Management
- Occupational Safety, Health, and Environment
- Advanced Manufacturing & Material
- Pharmaceutical Technology
- Advanced Electronics and Automation
- Renewable Energy and Environmental Engineering
- Sustainable Infrastructure and Construction

- Islamic Studies
- Historical Studies
- Language Education
- Language Studies
- Literature Studies
- Information System
- Multimedia Computing and Computer Vision
- Software Engineering
- Soft Computing and Intelligent System
- System Network And Security
- Industrial Chemistry
- Industrial Biotechnology
- Advanced Materials
- Physics
- Food Processing
- Mathematics
- Statistics
- Chemistry
- Human Sciences



Entry Requirements

Doctoral Programme

Pass Master's Degree by research in the relevant studies from the University or Institute recognized by the University Senate ; OR

Master Degree by coursework with CGPA of at least 3.00 / 4.00.

Master's Degree Programme

A Bachelor degree with honours (minimum CPA 2.75/4.00) in the relevant area;

*More information, kindly visit <http://ips.ump.edu.my/>

English Language Requirements

One of the following:

IELTS: Band 5.0

TOEFL:

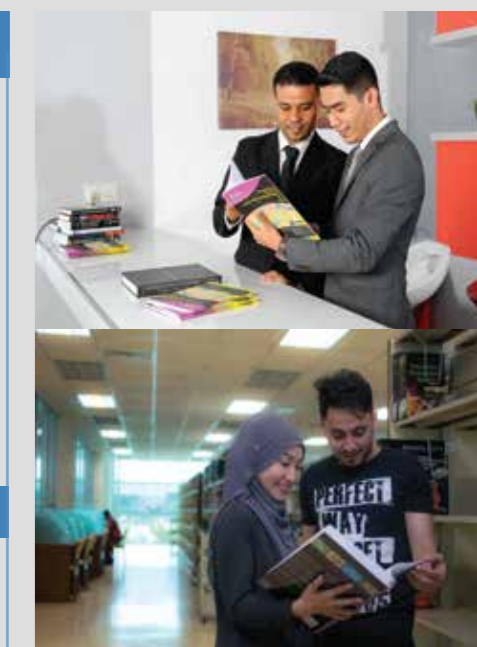
Paper Based-Test (PBT) - 500 points or;
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Students with IELTS Band 5.0 and below and/or TOEFL 500 and below or without any English language certification must attend Pre-session English Course (PEC).

*International students with Bachelor and Master's from Malaysian Universities, English requirement is not needed and also to Malaysian students.

Intakes

February & September



Mission

We provide world class education, research and services in an ecosystem of creative and innovative engineering and technology to maximize human potential for societal good.

Vision

A Distinguished Technological University.

Philosophy

Knowledge, a trust bestowed by Allah to man vicegerent on earth, is to be fully utilized. Emphasis is an applied knowledge guided by Islamic values to develop human capital towards universal harmony and prosperity.

COMMUNITISING TECHNOLOGY



Course Fees

Program	Full Time		International (MYR)		Part Time	
	Local (MYR)		1st	Subsequent	Local (MYR)	
	1st	Subsequent	1st	Subsequent	1st	Subsequent
Master	3,800	1,700	6,780	3,580	3,800	1,100
PhD	4,600	2,000	7,580	3,880	4,600	1,250

*MYR: Ringgit Malaysia

Duration

Program	Full Time		Part Time	
	Minimum of Semesters	Maximum of Semesters	Minimum of Semesters	Maximum of Semesters
PhD	4 (24 months)	12 (72 months)	6 (36 months)	16 (96 months)
Master	2 (12 months)	6 (36 months)	4 (24 months)	10 (60 months)