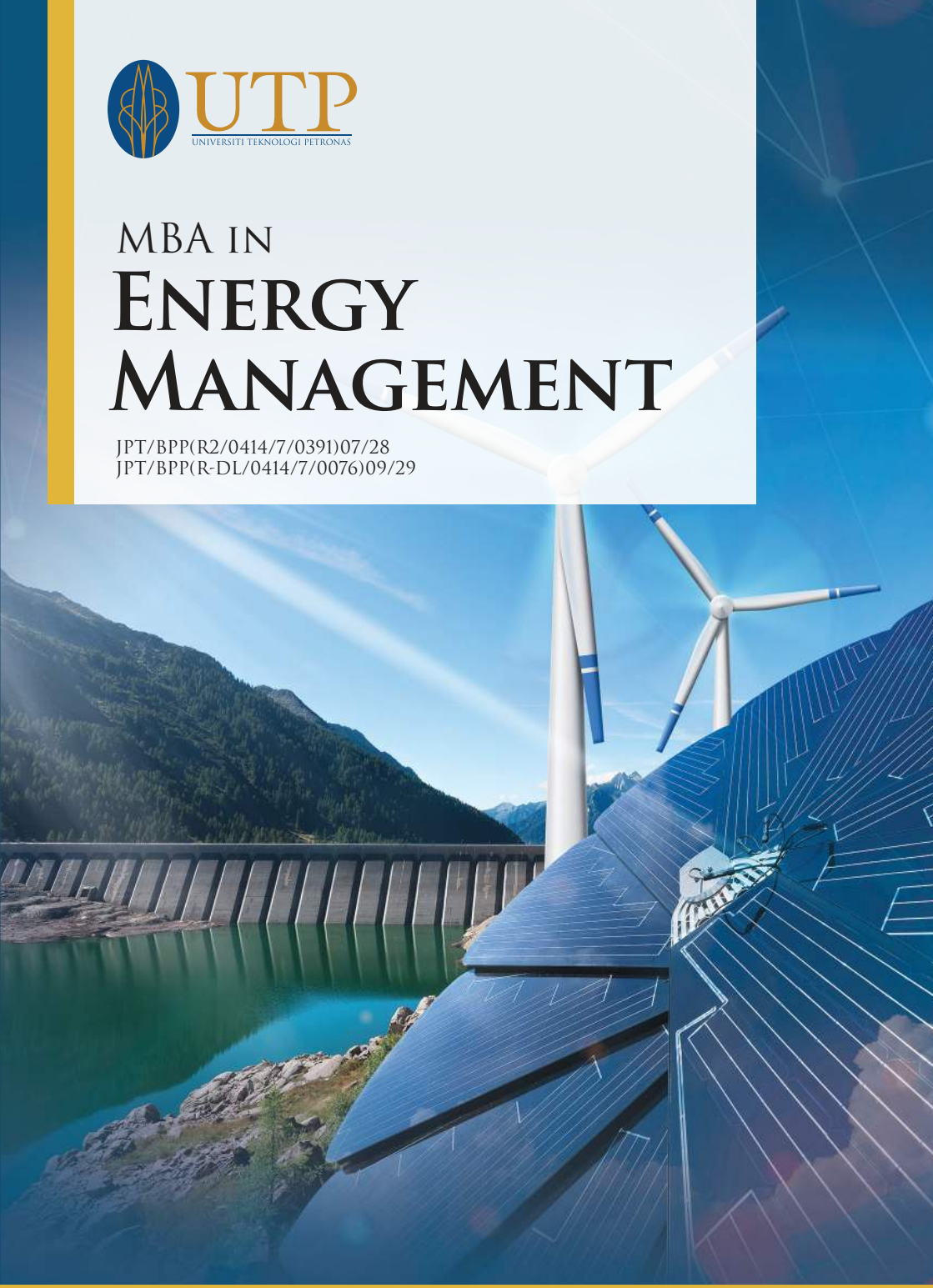
UTP
UNIVERSITI TEKNOLOGI PETRONAS

MBA IN ENERGY MANAGEMENT

JPT/BPP(R2/0414/7/0391)07/28
JPT/BPP(R-DL/0414/7/0076)09/29



Getting smart about Energy Management

Rising energy demand is at odds with the threat of fast depleting energy resources—demanding energy providers to engage a strategic approach to energy management. Amid intensifying scrutiny over costs, carbon output and sustainability, the oil, gas and energy industry requires a resourceful talent pool of energy management professionals to navigate global challenges in support of United Nation's Sustainable Development Goals.

In response to the global forces at work, Master of Business Administration in Energy Management (MBA-EM) prepares students to pivot to new technologies and drive towards a model that supports future-looking strategies. As such, the programme exposes students to a wide array of real industry challenges and case studies. In addition to lectures, the programme offers multi-sided learning approaches such as seminars and consultancy based projects. Ultimately, by leveraging the latest energy management knowledge and trends, students are poised to play a critical role in the design of the industry's carbon-neutral future.

Programme highlights

Driving demonstrable intelligent energy management solutions

Programme supports Malaysia's Carbon-Neutral 2030 blueprint.

Programme is now available in Open Distance Learning (ODL) mode at UTP's regional Centre for Advanced and Professional Education (CAPE), Kuala Lumpur

Fresh graduates are highly encouraged to take advantage of the industry's disruptive opportunities.

Join the industry's highly sought after talent pipeline of energy management specialists! Benefit from learning objectives tied to the contours of reality-based industry situations and changes.

Join a leading feeder university for the energy industry!

Get in touch with the latest industry thinking.

Grow your industry perspective with subjects grounded in day-to-day industry challenges, opportunities and outcomes.

Learn how to leverage real industry data and research evidence to provide solutions through cutting edge technology tools and management techniques.

"Signing up for UTP MBA-EM 2014-2015 was easily one of the best decisions I've made in life. It is a well-designed programme delivered by established academics. UTP's reputation and strong industrial collaboration set the programme apart from others. The icing on the cake has to be the programme's energy management modules. Delivered by UTP's international partners, this opened many doors for me, both professionally and academically towards bigger professional exposure and exciting academic opportunities. Thank you UTP for Unlocking my True Potential!"

- Shamsul Bahri -
Head, Risk Management, Malaysia Petroleum Management, PETRONAS

Equip with Energy Management specialization with UTP's MBA-EM

The programme is designed for the energy sector's corporate talents, technical managers, engineers, regulators, and professionals with an eye towards enhancing their business managerial capability.

4 reasons to join MBA in Energy Management at UTP

1

Modular-based programme jointly developed with PETRONAS' custodian engineers and reputable energy management companies

Reap the benefits of an industry-backed programme that supports the global mission of the industry.

2

Leverage our vast industry network

Grow your industry perspective with subjects grounded in day-to-day industry challenges, opportunities and outcomes. Network with forward-thinking peers and turn industry feedback into impactful action.

3

Get a sneak peek at the future with maximum industry exposure

Boost your industry readiness and take advantage of a diverse range of career opportunities.

4

Go virtual with our Open and Distance Learning (ODL) programme

Offered with the flexibility of classes on campus, online or a blend of both, working professionals can opt for the best mode of learning to accommodate their busy schedules. Plus, stay in touch with our lecturers and industry experts via frequent meetings and consulting sessions at UTP's regional Centre for Advanced and Professional Education (CAPE), Kuala Lumpur.

APPLY NOW

The industry is our classroom

1	**Programme subjects delivered by academics and industry experts**
2	**Industry-based projects and assignments: Capture real industry-derived analytical data resources.**

"**UTP's MBA EM programme provides working professionals with improved design thinking capability, knowledge and the latest project management tools. In light of current global energy landscape, this course is especially useful for engineers who would like to advance their managerial career and gather a complete understanding of how the energy business works. Also, this course provides ample avenues for networking, debates and open discussions aided by the collective experience of our resourceful lecturers. The programme's Energy Management course is a winner, giving us the opportunity to interact with invited speakers whose vast knowledge in the energy management sector helped us get up to speed with global changes underway impacting the industry.**"

- Devina Amala -
Engineer, Centre of Excellence,
R2C2 Transformation Office, PETRONAS Carigali

Course structure

Candidates are required to complete total of 47 credit hours. The programme's curriculum structure is as follows:

Category	Module	Credit Hour
Core	Business Economics	3
	Corporate Ethics, Environmental, Social and Governance	3
	Human Resource Management	3
	Strategic Marketing	3
	Accounting for Decision Making	3
	Corporate Finance	3
	Competitive Strategic Management	3
	Energy Value Chain	3
Specialisation	Energy Technology & Innovation	3
	Energy Regulations & Policies	3
	Low Carbon Economy & Sustainability	4
University Requirement	Data Analytics	3
	Project Management	2
Project	Business Research Methodology	2
	Management Consultancy Project I	2
	Management Consultancy Project II	4
TOTAL		47

As per requirement by Malaysian Qualification Agency (MQA), candidates coming from non-discipline into MBA in Energy Management programme (such as engineering and sciences) have to take TWO pre-requisite courses before enrolling for the MBA programme. The two pre-requisite courses are (1) Forecasting Methods for Management and (2) Management and Organizational Behaviour.

Mode of study

Conventional

ODL

Minimum **20 months**
Maximum **36 months**

Flexible arrangement for Full Time Open and Distance (ODL) Learning mode:

- 100% online with self-instructional materials (SIMS)
- 8 hours minimum of online live class session for each course per semester
- Classes after working hours/over the weekend
- Online open book final exam

Medium of Instruction

English

Intake

January/May/September

Entry requirements

Academic

1	Bachelor's Degree in a relevant field from a recognised university with a minimum CGPA of 2.50 or its equivalent OR;
2	Bachelor's Degree in a relevant field from a recognised university with a minimum CGPA of 2.00 - 2.49 or its equivalent will require an internal rigorous assessment.
3	Bachelor's Degree from different discipline, must undergo pre-requisite courses in Business.
4	No Bachelor's Degree? Apply with your working experience. Candidates who satisfy APEL A requirements are eligible to enrol. Scan the QR code to learn more.

APEL A

English language proficiency

International students are required to be proficient in written and spoken English with a minimum TOEFL score of 550 OR a minimum IELTS score of 6.0 or its equivalent.

Exemptions may be provided for candidates who are native English speakers or degree holders with English as the medium of instruction.

Graduation requirements

In order to graduate with MBA in Energy Management, candidate is required to:

1	Obtain a minimum cumulative grade point average (CGPA) of 3.00
2	Satisfy all the requirements approved by UTP Senate
3	Fulfill the required credit hours and pass Research Methodology course

Tuition fees

	Local		International	
Application Fee	RM50		RM200 / USD50	
Registration as a student				
Bond	None		RM3,000	
Registration Fee	RM500		RM1,400	
Commitment Fee	RM500		RM800	
Total	RM1,000		RM5,200	
Commitment throughout studies				
Semester Fee	RM400		RM400	
Tuition Fee	Conventional	ODL	Conventional	ODL
	31,850	25,100	41,900	32,900

Rankings & ratings

2022 SETARA COMPETITIVE

(6 STAR) MyRA® MALAYSIA RESEARCH ASSESSMENT

THE World University Rankings 2025 WORLD TOP 250

RANKED 53 QS WORLD UNIVERSITY RANKINGS ASIA IN THE TOP 100 2025

For programme enquiry:

Programme Manager
Assoc Prof Dr Amjad Shamim, CMgr FCMI
Email: amjad.shamim@utp.edu.my
Direct Line: +6053687765

Centre for Graduate Studies
Ms Nurul Asmira Sulaiman
Email: asmira.sulaiman@utp.edu.my
Direct Line: +6053688192

www.utp.edu.my

For admission enquiry:

Admission Line :
Local candidates : +605 368 8064
International candidates : +605 368 8364
Universiti Teknologi PETRONAS, 32610 Seri Iskandar, Perak Darul Ridzuan, Malaysia

For further details on the application, visit www.utp.edu.my

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** As of January 2025*