



UTM
UNIVERSITI TEKNOLOGI MALAYSIA


Razak Faculty of Technology
and Informatics



Doctor of Engineering (Engineering Business Management)


MQA/SWA0451

"EXPLORE AND EXPLOIT THE ENGINEERING BUSINESS PROWESS"


 <http://razak.utm.my>

 <facebook.com/utmrazak>

 @utmrazak

 razakfaculty@utm.my

 +603-2180 5143/5146/5193/5217

 Level 7, Menara Razak,
Universiti Teknologi Malaysia,
Kuala Lumpur, MALAYSIA

Apply online at:
smart.utm.my



Scan this code for
more information

PROGRAMME OVERVIEW

The Doctor of Engineering (Engineering Business Management)

aims to develop individuals who can undergo doctoral research by solving real-life industrial issues and implementing innovative solutions that contribute significantly to their organisation's business success. It is a mixed-mode professional doctoral degree program that embeds the industry-focused area in research to solve real-life-based problems. This 80 credits program focuses on developing specialised skills for practical application in the engineering workforce which incorporates engineering research, business skills and management knowledge. The research context is concerned with solving real problems, including technical knowledge, business management and the opportunity to provide innovative solutions for technological products or processes. The Doctor of Engineering graduate will have an equivalent doctoral-level qualification with an industrial-based focused compared to the conventional Doctor of Philosophy degree.

ENTRY REQUIREMENTS

A Master's Degree from Universiti Teknologi Malaysia or any other Institutions of higher learning recognised by the Senate; OR

Other qualifications equivalent to a Master's degree and experience in the relevant field recognised by the Senate; OR

Candidates who currently registered in a Master's Degree programme at Universiti Teknologi Malaysia, and approved by the Graduate Studies Committee of the respective faculty and the Senate.

Additional requirement for International Applicants

An English Certificate of IELTS with the minimum band of 6.0 OR TOEFL with the minimum score of 550

CORE COURSES

- Current Topics in Production and Operation Management
- Current Topic in Technology Management
- Advanced Financial Analysis
- Research ERSA 1 to 5
- Research Methodology
- 1 University General Course

ELECTIVE COURSES

- Advanced Economic Analysis
- Advanced Decision Modelling
- Current Topics in Lean Operations
- Current Topic in Project Management
- Current Topic in Strategic Management
- Current Topic in Strategic Market Planning
- Current Topics in Supply Chain Management
- Current Topics in Total Quality Management
- Current Topics in Design Accounting for Sustainability

CAREER OPPORTUNITIES

The highly flexible degree covers the engineering business spectrum from supporting business operations through to top management decision making. It will prepare you for roles such as:

- Top Management of any Engineering Business operations
- Senior Executive/Manager/Senior Manager of any Engineering Business Operations
- Researcher/Expert in Engineering Business or Operational Research Fields

✓ MIXED-MODE

📅 Intake: February and September

🕒 Min Duration: 3 years (6 semesters)
Max Duration: 8 years (16 semesters)

📅 Package 1: Weekdays Class
Package 2: Weekend Class



"Boosted my career.."

“ I pursued the Doctor of Engineering (Engineering Business Management) at UTM Razak to excel in my field and become a transformational and innovative leader in a dynamic business world. My experiences here have strengthened my career development and provided new opportunities. I enjoyed the close-knit community among my peers and the resources provided by the faculty and Universiti Teknologi Malaysia. ”

DR. NAWAF MOHAMMED AHMED AL-SHEHHI

Head of Lean & Business Transformation
Emirates Global Aluminium



“ *"Specially designed programme..!"*

At UTM Razak, we are consistently trained to be more systematic and diligent in our work. This taught me that engineering is not just a way of learning but a way of thinking. My previous experience during Executive Master Occupational Safety and Health Management (EMOSH) at UTM Razak drives me to pursue with this programme. ”

DR. MUHAMMAD KHAIRUL BIN RUSLAN

Principal Consultant
MEKAR GROUP OF COMPANIES