



**KEMENTERIAN
PENDIDIKAN
MALAYSIA**



UTHM
Universiti Tun Hussein Onn Malaysia

POSTGRADUATE PROGRAMMES

**MASTER OF
ENGINEERING
TECHNOLOGY
(BY RESEARCH)**

**DOCTOR OF
PHILOSOPHY IN
ENGINEERING
TECHNOLOGY**

**MASTER OF
SCIENCE IN
RAILWAY
ENGINEERING
(BY MIXED-MODE)**

**FACULTY OF ENGINEERING
TECHNOLOGY**

ftk.uthm.edu.my



AREAS OF RESEARCH:

- Civil Eng. Tech.
- Occupational Safety and Health
- Electrical Eng. Tech.
- Railway Engineering
- Chemical Eng. Tech.
- Mechanical Eng. Tech.

ADMISSION REQUIREMENTS:

DOCTOR OF PHILOSOPHY IN ENG. TECH.

- Master Degree from Universiti Tun Hussein Onn Malaysia or any other institution of higher education recognised by the Senate;
- Other qualifications equivalent to Master Degree with related experience deemed acceptable by the Senate;

*Note: If the Bachelor Degree is of the related field, other Master Degrees can also be considered.

MASTER OF ENG. TECH. / MSc. IN RAILWAY ENG.

- Bachelor Degree with honours from Universiti Tun Hussein Onn Malaysia or any other institution of higher education recognised by the Senate; Other qualifications equivalent to Bachelor Degree with related experience deemed acceptable by the Senate;
- Minimum CPA: 2.75

*Working experiences in related field for those who do not meet the minimum CPA

ENGLISH LANGUAGE REQUIREMENTS FOR INTERNATIONAL APPLICANTS:

- Minimum score of TOEFL 500 , IELTS 5.0 , or MUET Band 3.
- Exemption shall be granted to a candidate(s) or international students who graduated in Malaysia.

APPLICATION FOR ADMISSION:

- Online Application ONLY:
<http://wapps.uthm.edu.my/intake>
- Each application is subjected to a processing fee of RM10 for local and RM30 for international
- Further information on application procedure: <http://ps.uthm.edu.my/v4/en/graduate-admissions/application-for-admission.html>

COURSE DURATION:

PROGRAMME	FULL TIME		PART TIME		RESIDENTIAL PERIOD
	MIN. NO. OF SEMESTERS	MAX. NO. OF SEMESTERS	MIN. NO. OF SEMESTERS	MAX. NO. OF SEMESTERS	
MASTER BY RESEARCH	2	7	4	11	According to requirement of each programme
MASTER BY MIXED-MODE	2	7	4	11	
DOCTOR OF PHILOSOPHY	4	14	6	18	

CURRICULAR STRUCTURE OF MSc. IN RAILWAY ENG.:

SEMESTER 1	
COURSE	CREDITS
RESEARCH METHODOLOGY	HW
TRANSPORTATION SYSTEM AND PLANNING	3
INFRASTRUCTURE AND TRACK SYSTEMS	3
TRAIN CONTROL SYSTEM	3
ROLLING STOCK AND TRACTION SYSTEM	3
TOTAL CREDITS	12

SEMESTER 2	
COURSE	CREDITS
RAILWAY MANAGEMENT	2
DISSERTATION 1	5
*ELECTIVE 1	3
**ELECTIVE 2	3
TOTAL CREDITS	13

SEMESTER 3	
COURSE	CREDITS
DISSERTATION 2	15
TOTAL CREDITS	15

*Elective 1: Railway Electrification System, Railway Operation and Maintenance, Railway Track Engineering Design

**Elective 2: Signalling and Communication, Project Management, Rolling Stocks Technologies and Maintenance

FEES (FULL-TIME):

PROGRAMME	LOCAL STUDENTS		INTERNATIONAL STUDENTS	
	FIRST REGISTRATION	RECURRING FEE (EVERY SEMESTER)	FIRST REGISTRATION	RECURRING FEE (EVERY SEMESTER)
MASTER BY RESEARCH	RM 2150	RM 1400	RM 3910	RM 3160
MASTER BY MIXED-MODE	RM 1750	RM 1400	RM 3510	RM 3160
DOCTOR OF PHILOSOPHY	RM 2450	RM 1400	RM 4210	RM 3160

FOR MORE ENQUIRIES:

All enquiries to be addressed to:
Faculty of Engineering Technology,
Universiti Tun Hussein Onn Malaysia,
Pagoh Higher Education Hub,
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For more information on the postgraduate programmes, please log on to <http://ftk.uthm.edu.my> OR <http://ps.uthm.edu.my>