

FEES

MASTER DEGREE PROGRAM (BY MIXED MODE)

Details	Local(RM)	*International (USD)
Semester 1		
Registration fee	280.00	75.00
Service fee	165.00	44.00
Tuition fee (12 CH)	1,800.00	840.00
Total	2,245.00	959.00
Semester 2		
Service fee	165.00	44.00
Tuition fee (15 CH)	2,250.00	1,050.00
Total	2,415.00	1,094.00
Semester 3 & 4		
Service fee	165.00	44.00
Tuition fee (15 CH)	2,250.00	1,050.00
Total	2,415.00	1,094.00
Total (1+2+3+4)	7,075.00	3,147.00
Subsequent semester (Extension)		
Service Fee	165.00	44.00

MASTER DEGREE PROGRAM (BY RESEARCH)

Details	Local (RM)	*International (USD)
Semester 1		
Registration fee	280.00	75.00
Service fee	165.00	44.00
Tuition fee (12 CH)	1,482.00	790.00
Total	1,927.00	909.00
Semester 2 & 3		
Service fee	165.00	44.00
Tuition fee (15 CH)	1,482.00	790.00
Total	1,647.00	834.00
Upon submission of thesis		
Examination Fee	750.00	200.00
Total (1+2+3)	5,971.00	2,778.00
Subsequent semester (Extension)		
Service Fee	165.00	44.00

DOCTORAL DEGREE PROGRAM (BY RESEARCH)

Details	Local (RM)	*International (USD)
Semester 1		
Registration fee	280.00	75.00
Service fee	165.00	44.00
Tuition fee (12 CH)	2,244.00	1,196.00
Total	2,689.00	1,315.00
Semester 2 & 3		
Service fee	165.00	44.00
Tuition fee (15 CH)	2,244.00	1,196.00
Total	2,409.00	1,271.00
Upon submission of thesis		
Examination Fee	1,500.00	400.00
Total (1+2+3)	5,971.00	2,778.00
Subsequent semester (Extension)		
Service Fee	165.00	44.00

APPLICATION FOR ADMISSION

Application form can be obtained from:

Dean

Centre For Graduate Studies

Universiti Teknikal Malaysia Melaka

HANG Tuah Jaya, 76100 Durian Tunggal, Melaka,
Malaysia

Tel: (606) 331 6768 / 6769 / 6770

Fax: (606) 331 6767 / 6888

Email: pps@utem.edu.my

OR, download from:

www.utem.edu.my/pps

Application may be submitted throughout the year. All supporting documents together with the RM30.00 (for local) and RM60.00 (USD 25.00 for international) (non-refundable) processing fee must be submitted by post to the Centre for Graduate Studies.

Further Information:

Faculty of Electrical Engineering

Tel: (606) 555 2345

Fax: (606) 555 2222

Email: fke@utem.edu.my

Website: <http://www.utem.edu.my/fke>

Center for Robotic and Industrial Automation (CeRIA)

Research Cluster:

Robotic and Automation Industry:

Datuk Prof Dr Mohd Ruddin Ab Ghani
(dpdruddin@utem.edu.my/+606 555 2313)
Dr. Muhammad Fahmi Miskon
(fahmimiskon@utem.edu.my/+6065552205)

Power Electronics & Drives:

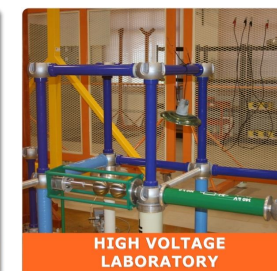
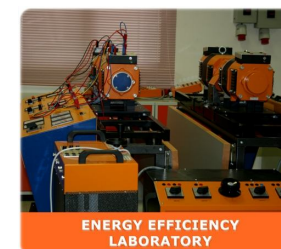
Prof Madya Dr Ismadi Bugis
(ismadi@utem.edu.my/+606 555 2219)
Prof Madya Dr Zulkifilie Ibrahim
(drzulkifilie@utem.edu.my/+606 5552200)

Energy & Power System:

Engr. Azhar Ahmad
(azharahmad@utem.edu.my/+606 555 2204)
Engr. Professor Dr Marizan Sulaiman
(marizan@utem.edu.my/+606 5552004)



POSTGRADUATE PROGRAMMES



www.utem.edu.my/fke

Modes of Study

Mixed Mode

Refer to the combination of taught courses and research activities. The assessment depends on coursework (50%) and dissertation (50%).

Programmes Offered

Masters of Electrical Engineering (Industrial Power)

Masters of Electrical Engineering (Electronic Power & Drivers)

Masters of Electrical Engineering (Robotic and Control)

Research Mode

For Master of Science (MSc.) programme and Doctor of Philosophy (Ph.D)

Research fields:

- Power Systems Generation, Operations and Control
- Analysis and Modeling of Power Systems
- Transmission and Distribution Systems
- Power Electronics and Drivers
- Energy Efficiency and Renewable Energy
- Control, Instrumentation and Automation
- Mechatronics Systems

Programme Duration

Programme	Type	Duration
Master by Mixed Mode	Full-time	4-6 semester (2-3 years)
Master by Research	Part-time/ Full-time	2-10 semester (1-5 years)
Ph. D.	Full-time/ Part-time	4-16 semester (2-8 years)

Entry Requirements

Master programme:

1. A relevant Bachelor's Degree (honours) with good grades (minimum CGPA of 2.50) from UTeM or any other accredited institutions of higher learning;
2. Any other certificate that is recognized as equivalent to a Bachelor's Degree (honours) or other relevant professional qualification and experience that are recognized by the UTeM Senate.

Ph.D programme:

1. A relevant Master Degree (honours) from UTeM or any other accredited institutions of higher learning;
2. Any other certificate that is recognized as equivalent to a Master Degree or other relevant professional qualification and experience in the related field that are recognized by the UTeM Senate.

Programme Structure

1. Masters of Electrical Engineering (Industrial Power)

1 st Semester	
SUBJECTS	CREDIT
Research Methodology	3
Power Quality & Energy Efficiency	3
Advanced Industrial Control Systems	3
Power System Modelling	3
TOTAL CREDITS	12
2 nd Semester	
SUBJECTS	CREDIT
Engineering & Technology Management	3
Power System Protection & Stability	3
Power System Operation & Control	3
TOTAL CREDITS	9
2 nd Year	
Dissertation (Master project which industry based)	21

2. Masters of Electrical Engineering (Power Electronics & Drives)

1 st Semester	
SUBJECTS	CREDIT
Research Methodology	3
Power Quality & Energy Efficiency	3
Advanced Control Systems	3
Electrical Motor Drives	3
TOTAL CREDITS	12
2 nd Semester	
SUBJECTS	CREDIT
Engineering & Technology Management	3
Advanced Power Electronics and Converters	3
Intelligent Electrical Motor Drives	3
TOTAL CREDITS	9
2 nd Year	
Dissertation (Master project which industry based)	21

Programme Structure

3. Masters of Electrical Engineering (Robotic & Control)

1 st Semester	
SUBJECTS	CREDIT
Research Methodology	3
Power Quality & Energy Efficiency	3
Advanced Control Systems	3
Modern Control Design	3
TOTAL CREDITS	12
2 nd Semester	
SUBJECTS	CREDIT
Engineering & Technology Management	3
Industrial Robotics	3
Stochastic Control Systems	3
TOTAL CREDITS	9
2 nd Year	
Dissertation (Master project which industry based)	21