

POSTGRADUATE WELCOMING SESSION

SEMESTER 1, SESSION 2026/2027



**PROF. IR. DR.
ALEX ONG ZHI CHAO**

Deputy Dean

(Postgraduate Studies)

*Home of the Bright, Land of the Brave
Di Sini Bermulanya Pintar, Tanah Tumpahnya Berani*

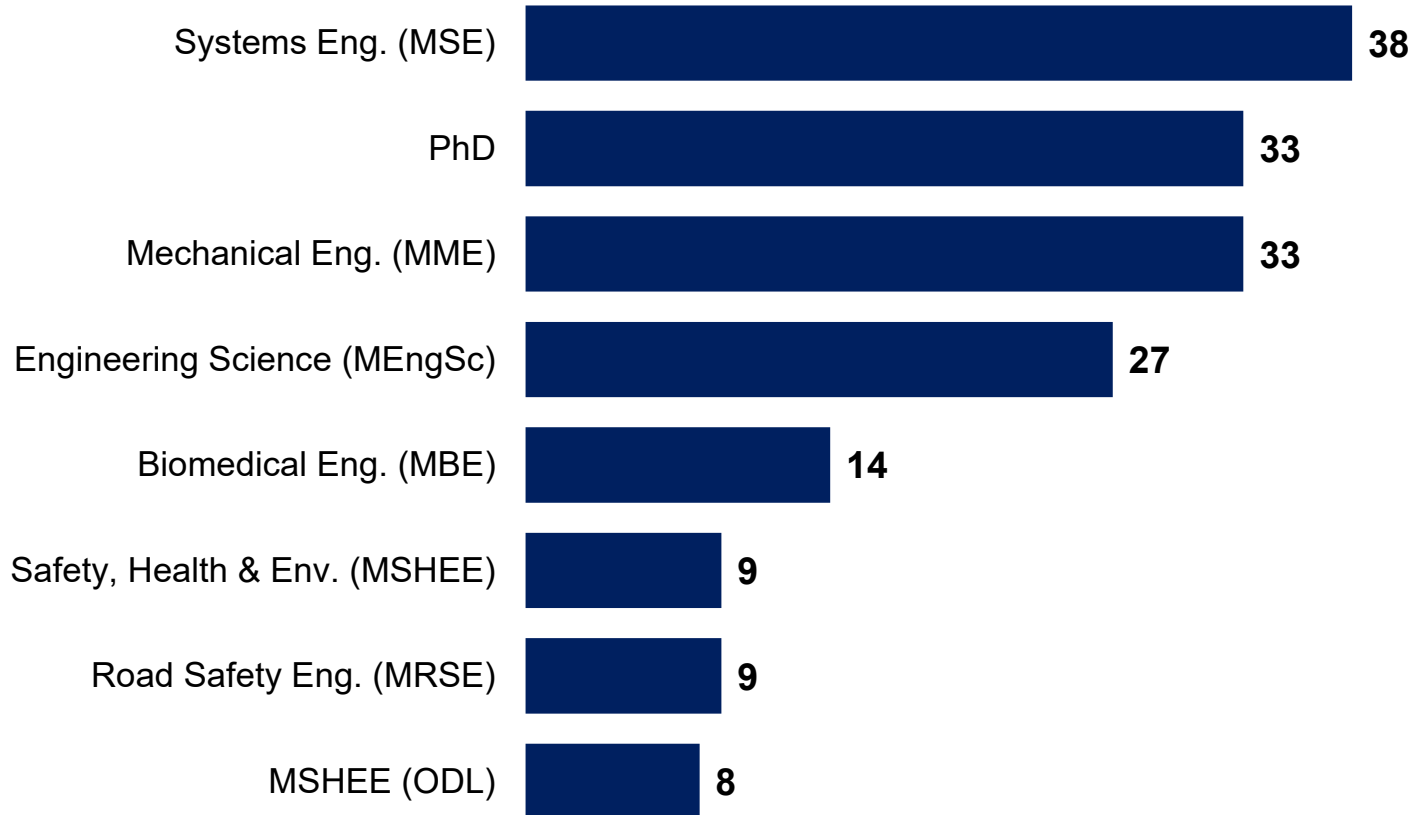


FAKULTI KEJURUTERAAN
Faculty of Engineering

www.um.edu.my

Our 2026/2027 intake

171 new students, 8 Programmes, 16 Countries



171

New students

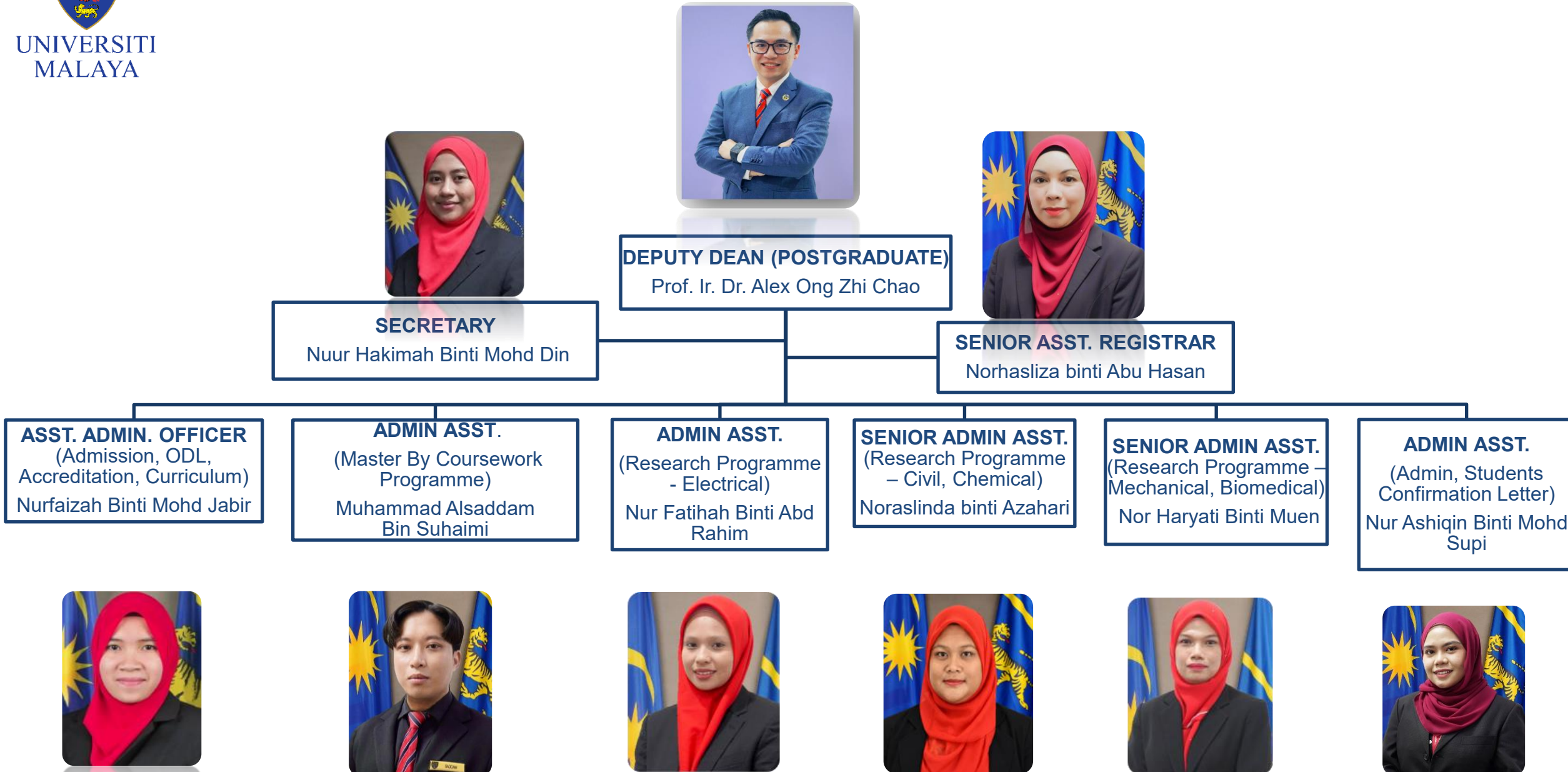
65%

International Students

111 | 60

coursework | research

ORGANIZATION CHART OF POSTGRADUATE OFFICE



Staff of Postgraduate Studies Unit



PROF. IR. DR. ALEX ONG ZHI CHAO

Deputy Dean (Postgraduate Studies)

E: alexongzc@um.edu.my

Tel. No.: 03-7967 6815 / 4477



NUUR HAKIMAH BINTI MOHD DIN

Secretary, N5

E: nuur.hakimah@um.edu.my

Tel. No.: 03-7967 4477

Job Scope:

Higher Degree Committee Meetings
(Compilation)

Faculty Meeting's Paper

Matters on Senate Meeting

Deputy Dean (Postgraduate
Studies) Schedules

Budget and Finance matters



NORHASLIZA BINTI ABU HASAN

Senior Asst. Registrar, N10

E: hasliza@um.edu.my

Tel. No.: 03-7967 4482

Job Scope:

PhD & Masters (by Research) Application,
Admission and Registration

Deferment of Registration

Promotional/Internationalization/ Events

Self-Development/ Students Activities
(Upskilling Program)

Accreditation (PSAR/ CR/ Dual Degree)

Open Distance Learning (ODL)

Curriculum Documentation matters

Staff of Postgraduate Studies Unit



NURFAIZAH BINTI MOHD JABIR

Asst. Administrative Officer, N5

E: nurfaizah@um.edu.my

Job Scope:

Application for PhD and Master (by Research)
Accreditation (PSAR/ CR/ Dual Degree)
Curriculum Documentation Matters
PG Program Handbook preparation
External Examiner Visits



MUHAMMAD ALSADDAM BIN SUHAIMI

Administrative Asst., N1

E: alsaddam@um.edu.my

Job Scope:

Master by coursework matters
Open Distance Learning (ODL)
Examination & Graduation of Master's Degree
Research Methodology Course (Coursework & Research)
UM ATLAS Evaluation



NUR ASHIQIN BINTI MOHD SUPI

Administrative Asst., N1

E: ashiqin@um.edu.my

Job Scope:

Student's Confirmation Letters
Student's Visa matters
Payment to Examiners honorarium
Part Time Teaching (Advertisement)
Part Time Teaching (Payment)
E-Course File (PhD/ MEng.Sc./ Meng.)
Management of iPACS documentation
Matters on Appeal to Extend Maximum
Duration of Candidature/ Lapse of
Candidature (JKRF/JKRU)

Staff of Postgraduate Studies Unit



NORASLINDA BINTI AZAHARI

Senior Administrative Asst., N2
E: linda_az@um.edu.my
(Civil & Chemical Engineering)



NOR HARYATI BINTI MUEN

Senior Administrative Asst., N2
E: haryati@um.edu.my
(Mechanical & Biomedical Engineering)



NUR FATIMAH BINTI ABD RAHIM

Administrative Asst., N1
E: fatiharahim@um.edu.my
(Electrical Engineering)

PORTFOLIO:

1. Candidature Registration matters
2. Progress report matters
3. Change/ Add/ Drop of Supervisor/ Research Field matters
(Includes email supervision undertakings form in student mailing list)
4. Semester break matters
5. Deferment matter
6. Candidature Defence matters
7. Confirmation Defence matters
8. Candidature conversion matters
9. Thesis seminar matters
10. Proposal Defence matters
11. Matters on Appeal to Extend Maximum Duration of Candidature (Dean's Level)
12. Matters on Appeal to Extend Maximum Duration of Candidature / Lapse of Candidature, 'Luput Pencalonan' (LPT)/ Failed and Termination from Programme, 'Gagal Keluar' (GK/GK1) under JKRF and JKRU for the approval of TNCA
13. Matters on Approval of thesis/ dissertation title and appointment of examiners application
14. Thesis/ dissertation submission matters
15. Viva-voce matters
16. JKP papers matters (Graduate list to Senate)

Programme Coordinators (By Research)

**Doctor of Philosophy
(PhD)**



DR. NOR ISHIDA BINTI ZAINAL ABIDIN

E: ishida@um.edu.my
Tel. No. : 03-7967 2174

**Master of Engineering Science
(MEng.Sc)**



**PROF. DR. HENDRIK SIMON CORNELIS
METSELAAR**

E : h.metselaar@um.edu.my
Tel. No. : 03-7967 4451

Master Programme (By Coursework) Coordinators

Master of Biomedical Engineering



DR. SALMAH BINTI KARMAN
E: salmah_karman@um.edu.my
Tel. No. : 03-7967 7694

Master of Safety, Health & Environment Engineering



DR. MOHD IZZUDIN IZZAT ZAINAL ABIDIN
izzudinizzat@um.edu.my
Tel. No. : 03-7967 7657

Master of Road Safety Engineering



ASSOC. PROFESSOR IR. TS. DR. YUEN CHOON WAH
yuencw@um.edu.my
Tel. No. : 03-7967 5355

Master of Mechanical Engineering



DR. KHOO SHIN YEE
E: khooshinyee@um.edu.my
Tel. No. : 03-7967 2176

Master of Systems Engineering



DR. TENGKU FAIZ BIN TENGKU MOHMED NOOR IZAM
E: tengkufaiz@um.edu.my
Tel. No. : 03-7967 5205

Master Programme (ODL) Coordinators

Master of Biomedical Engineering



ASSOC. PROF. DR. NUR AZAH BINTI HAMZAID

E: azah.hamzaid@um.edu.my

Tel. No. : 03-7967 4487

Master of Safety, Health & Environment Engineering



IR. DR. JEGALAKSHIMI JEWARATNAM

jegalaxmi24@um.edu.my

Tel. No. : 03-7967 7689

Department Postgraduate Coordinators



DR. ALSIDQI HASAN

PG Coordinator for

Department of Civil Engineering

E: alsidqi@um.edu.my

Tel. No. : 03-7967 5203



PROF. IR. DR. MAHIDZAL BIN DAHARI

PG Coordinator for

Department of Electrical Engineering

E: mahidzal@um.edu.my

Tel. No. : 03-7967 7659



ASSOC. PROF. IR. DR. SALWA HANIM BINTI ABDUL RASHID

PG Coordinator for

Department of Mechanical Engineering

E: salwa_hanim@um.edu.my

Tel. No. : 03-7967 6832



DR. FARINA BINTI MUHAMAD

PG Coordinator for

Department of Biomedical Engineering

E: farinamuhamad@um.edu.my

Tel. No. : 03-7967 6898



ASSOC. PROF. IR. DR. NUR AWANIS BINTI HASHIM

PG Coordinator for

Department of Chemical Engineering

E: awanis@um.edu.my

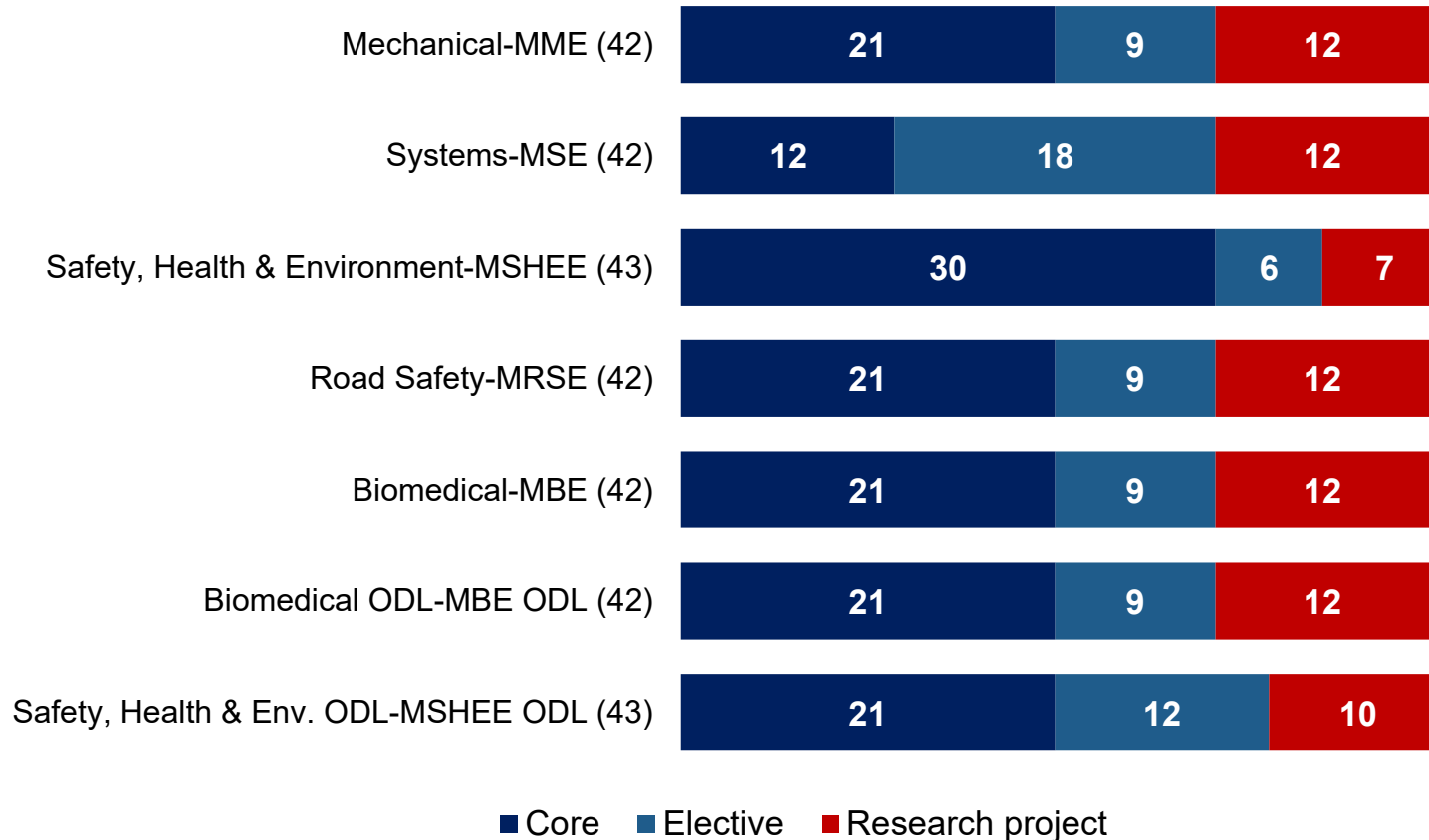
Tel. No. : 03-7967 6892

Programmes offered

Programme	Mode	Minimum	Maximum	Credits
Master of Mechanical Engineering (MME)	Coursework	2 sem + 1 special sem	8 sem (4 yrs)	42
Master of Systems Engineering (MSE)	Coursework	2 sem + 1 special sem	8 sem (4 yrs)	42
Master of Safety, Health and Environment Engineering (MSHEE)	Coursework	2 sem + 1 special sem	8 sem (4 yrs)	43
Master of Road Safety Engineering (MRSE)	Coursework	2 sem + 1 special sem	8 sem (4 yrs)	42
Master of Biomedical Engineering (MBE)	Coursework	2 sem + 1 special sem	8 sem (4 yrs)	42
Master of Biomedical Engineering ODL (MBE ODL)	Coursework (ODL)	2 sem + 1 special sem	8 sem (4 yrs)	42
Master of Safety, Health and Environment Engineering ODL (MSHEE ODL)	Coursework (ODL)	4 sem (2 yrs)	12 sem (6 yrs)	43
Master of Engineering Science (MEngSc)	Research	2 sem (1 yr)	8 sem (4 yrs)	No credit
Doctor of Philosophy (PhD)	Research	4 sem (2 yrs)	12 sem (6 yrs)	No credit

Master by Coursework: programme structure

Credits by component, Conventional and ODL



42 credits

MME, MSE, MRSE, MBE

43 credits

MSHEE

Research project: 12 credits (MSHEE: 7 Conventional, 10 ODL)

Marking scheme and CGPA

Marks	Grade	Grade Point	Meaning
90.00 - 100.00	A+	4.00	High Distinction Distinction Distinction
80.00 - 89.99	A	4.00	
75.00 - 79.99	A-	3.70	
70.00 - 74.99	B+	3.30	Pass
65.00 - 69.99	B	3.00	Pass
60.00 - 64.99	B-	2.70	Fail
55.00 - 59.99	C+	2.30	Fail
50.00 - 54.99	C	2.00	Fail
45.00 - 49.99	C-	1.70	Fail
40.00 - 44.99	D+	1.30	Fail
35.00 - 39.99	D	1.00	Fail
00.00 - 34.99	F	0.00	Fail

65.00

minimum marks to pass a course

Grade P

Given each semester for progressive courses until all credits are completed. Not completed = grade F, except for medical reasons.

Graduating with a Master by Coursework



Details: <https://engine.um.edu.my/postgraduate-programmes>

1

CGPA 3.00 and above

Final CGPA required to graduate

2

Complete all credits

42 or 43 credits, as prescribed

3

Minimum candidature

2 sem + 1 special sem (MSHEE ODL: 4 sem)

4

Bahasa Malaysia

International students only

5

Other Senate requirements

As approved from time to time

Master by Coursework programmes: PEOs and PLOs

One common set for all coursework programmes, including ODL

Programme Educational Objectives (PEO)

- 1 Knowledge and Skills**
- 2 General attributes and attitude**
- 3 Lifelong learning and professional development**

11 Programme Learning Outcomes (PLO) domains

- | | | |
|--|--|--|
| 1 Knowledge and Understanding
Advanced knowledge in new situations | 2 Cognitive Skills
Solve complex, unpredictable problems | 3 Practical Skills
Apply the latest methods |
| 4 Interpersonal Skills
Collaborate ethically | 5 Communication Skills
Reach experts and non-experts | 6 Digital Skills
Use digital tools and software |
| 7 Numeracy Skills
Analyse numerical and graphical data | 8 Leadership Autonomy and Responsibility
Plan, manage and lead teams | 9 Personal Skills
Keep developing, adapt to change |
| 10 Entrepreneurial Skills
Creative, enterprising mindset | 11 Ethics and Professionalism
Uphold professional practice | |

Research programmes: Programme Educational Objectives (PEOs)

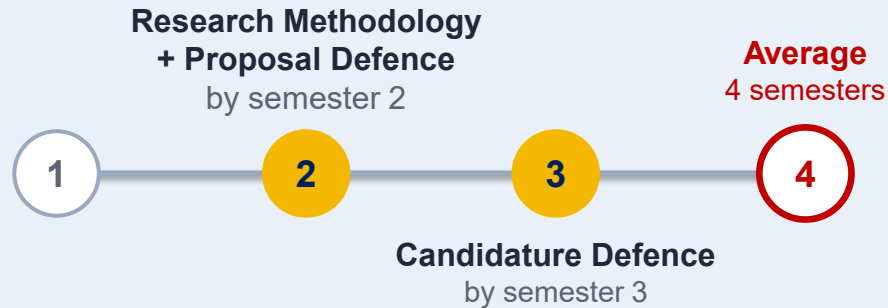
Domain	Master by Research (MEngSc)	PhD
Professionalism	Leading, decision-making roles, locally and globally	Advance innovation in research and work practices
Continuous Personal Development	High R&D competency, with lifelong learning	Lead research with national and/or international expertise
Societal Engagement	Sustainable development and well-being of society	Disseminate results and give ethical, professional expert advice

Research programmes: Programme Learning Outcomes (PLOs)

Competency domain	Master by Research (MEngSc)	PhD
Knowledge and Understanding	In-depth, frontier knowledge	Original contribution to frontier knowledge
Cognitive Skills	Apply knowledge critically and creatively	Synthesise and integrate knowledge
Practical Skills	Rigorous, independent research	Design and implement advanced methodologies
Interpersonal Skills	Communicate with specialist and general audiences	Work effectively in teams
Communication Skills		Communicate cogently with experts and the public
Digital Skills		Use suitable digital and analytical techniques
Numeracy Skills	Use suitable digital and analytical tools	
Leadership Autonomy and Responsibility	Intellectual leadership and management	Intellectual leadership with diverse partners
Personal Skills	Lifelong learning and personal development	Lifelong learning and professional development with entrepreneurial mindset
Entrepreneurial Skills		
Ethics and Professionalism	Legal, ethical, sustainable research	Legal, ethical, sustainable research

Research candidature milestones

MASTER BY RESEARCH



Before graduation

- Bahasa Malaysia (international students)
- 1 Web of Science article
- Dissertation examination and Viva Voce

PhD



Before graduation

- Bahasa Malaysia (international students)
- Thesis Seminar before submission
- 2 Web of Science articles
- Thesis examination and Viva Voce

Collaborative Academic Programmes

Programme		University	Country
Split-site PhD		Universitas Syiah Kuala	Indonesia
		Osaka University	Japan
		Swinburne University of Technology	Australia
		University of New South Wales	Australia
		Liverpool John Moores University	United Kingdom
Dual Master		Amirkabir University of Technology	Iran
		Tsinghua University	China

Important points: Academic

1 Research project

Coursework: fix field, supervisor and title; meet the deadline. Incentives if published.

2 Research Methodology

Join the class for your mode: Master or PhD

3 Bahasa Malaysia

International students, before graduation. Faculty of Languages and Linguistics

4 Enrolment

Confirm registration; status must be ACTIVE (AK)

5 Add and drop

Not allowed after registration is confirmed

6 Teaching mode

Online, physical or blended

Important points: Research Students

1 Progress report

Submit in MAYA at the end of every semester.

Monitor own maximum candidature duration to avoid the lapse of candidature

2 Publications

Fulfil the publication requirement early, not at the final stage of study.

Discuss with your supervisors: a review article is an option.

Publication incentives for top 10% WoS-indexed journals.

Required articles

Master by Research: 1 PhD: 2 (Web of Science-indexed)

Important points: Stay on Track

VISA CONFIRMATION LETTER

1 month

Apply at least one month before your visa expires.

No last minute!

1

Siswamail

Check regularly: progress reports, deadlines, timetable changes, talks

2

SPeCTRUM

Check regularly: your enrolled modules

3

Graduate on Time (GOT)

PhD: 42 months from registration to Senate. Incentive for students and supervisors

Academic calendar 2026/2027

SEMESTER I		
Week of Welcome (WOW)	1 wk	26.09.2026 - 04.10.2026
Lectures	8 wks	05.10.2026 - 29.11.2026
Mid-semester break	1 wk	30.11.2026 - 06.12.2026
Lectures	6 wks	07.12.2026 - 17.01.2027
Revision week	1 wk	18.01.2027 - 24.01.2027
Final examination Semester I	2 wks	25.01.2027 - 04.02.2027
Semester break	3 wks	05.02.2027 - 28.02.2027
Total	22 wks	

SPECIAL SEMESTER		
Lectures	7 wks	19.07.2027 - 05.09.2027
Final examination (Special)	1 wk	06.09.2027 - 12.09.2027
Break	1 wk	13.09.2027 - 19.09.2027
Total	9 wks	

SEMESTER II		
Lectures	7 wks	01.03.2027 - 18.04.2027
Mid-semester break	1 wk	19.04.2027 - 25.04.2027
Lectures	7 wks	26.04.2027 - 13.06.2027
<i>UM iFest 2027</i>	1 wk	08.06.2027 - 11.06.2027
<i>No teaching and learning activities are allowed. Attendance is compulsory for final-year and FYP students.</i>		
Revision week	1 wk	14.06.2027 - 20.06.2027
Final examination Semester II	2 wks	21.06.2027 - 04.07.2027
Semester break	3 wks	05.07.2027 - 25.07.2027
Total	21 wks	

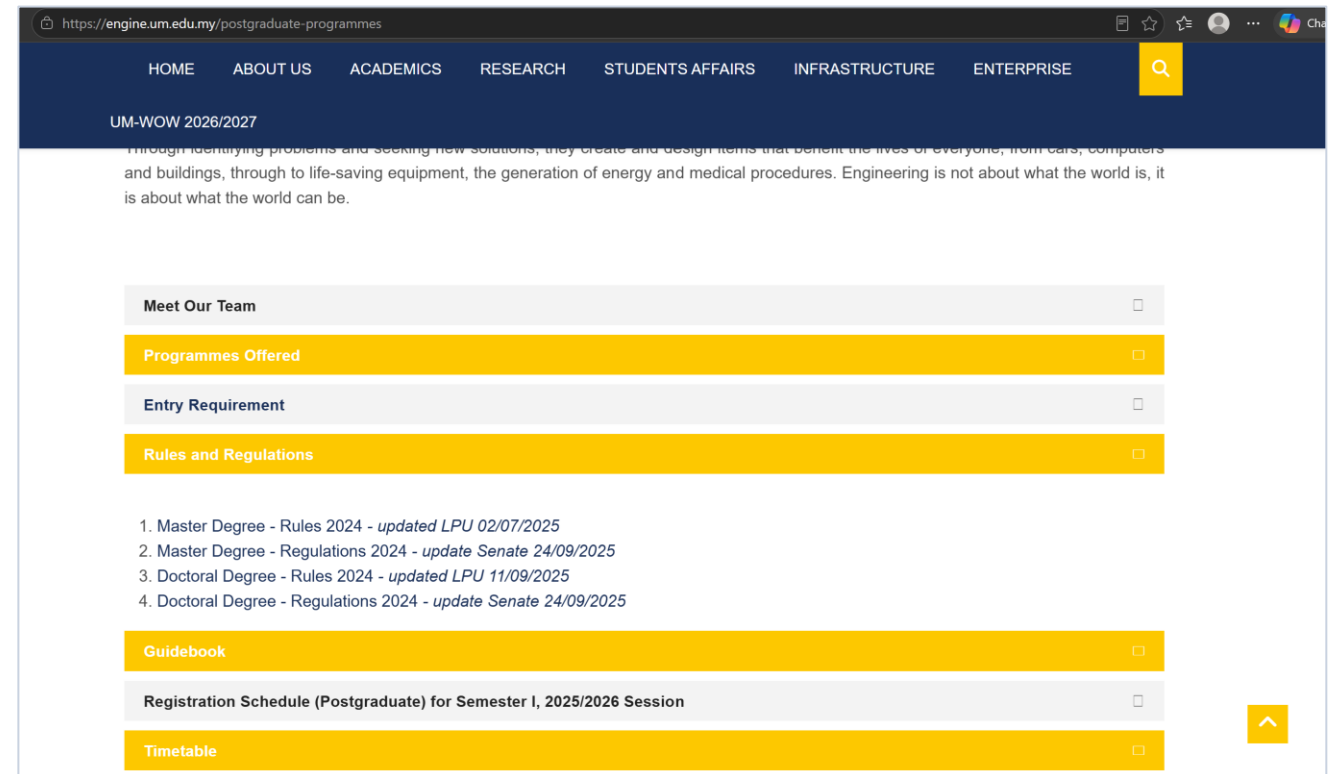
[Amended academic calendar for Master's and Doctoral levels, Session 2026/2027](#)

Comply with UM rules and regulations

Read and comply with the UM Rules and Regulations for Master and Doctoral Degree.

Find them on engine.um.edu.my

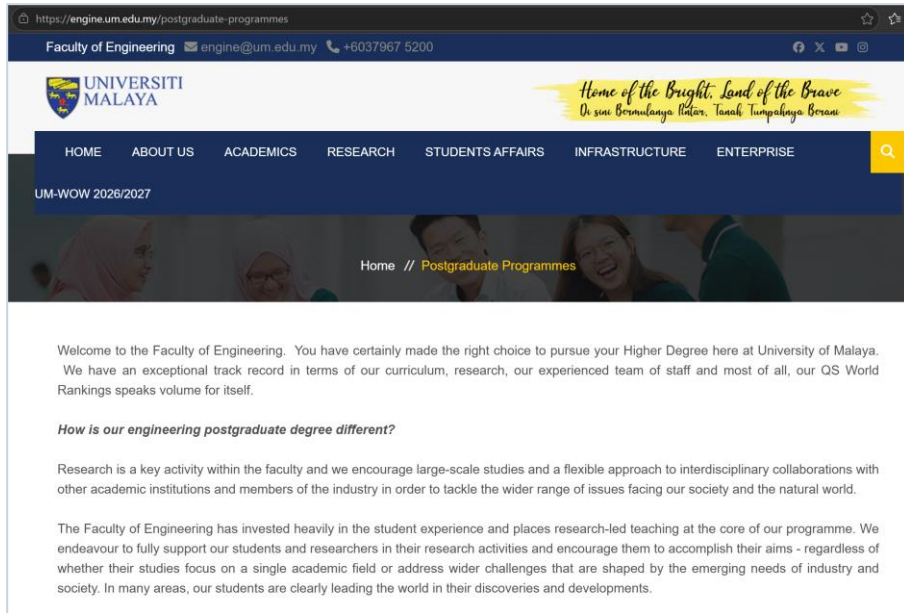
- 1 Academics tab
- 2 Programmes
- 3 Postgraduate Programmes
- 4 Rules and Regulations



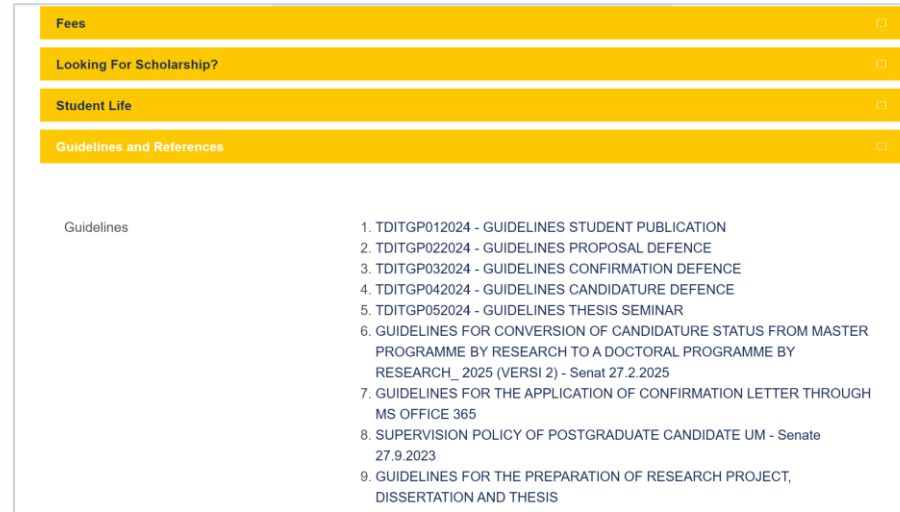
Where to find everything

Faculty website

engine.um.edu.my > Academics > Programmes > Postgraduate Programmes



The screenshot shows the Faculty of Engineering website. The header includes the University of Malaya logo and the motto "Home of the Bright, Land of the Brave | Di Sini Bermulanya Rintar, Tanah Tumpahnya Berani". The navigation menu includes HOME, ABOUT US, ACADEMICS, RESEARCH, STUDENTS AFFAIRS, INFRASTRUCTURE, and ENTERPRISE. The main content area features a banner for "UM-WOW 2026/2027" and a section titled "Home // Postgraduate Programmes". Below this, there is a welcome message and a section titled "How is our engineering postgraduate degree different?" followed by a paragraph about research and a paragraph about the faculty's commitment to student experience.



The screenshot shows the Postgraduate Programmes page. It features a sidebar with a table of contents containing links to Fees, Looking For Scholarship?, Student Life, and Guidelines and References. The main content area is titled "Guidelines" and lists nine items, including guidelines for student publication, proposal defence, confirmation defence, candidature defence, thesis seminar, conversion of candidature status, confirmation letter, supervision policy, and research project preparation.

Guidelines	
1.	TDITGP012024 - GUIDELINES STUDENT PUBLICATION
2.	TDITGP022024 - GUIDELINES PROPOSAL DEFENCE
3.	TDITGP032024 - GUIDELINES CONFIRMATION DEFENCE
4.	TDITGP042024 - GUIDELINES CANDIDATURE DEFENCE
5.	TDITGP052024 - GUIDELINES THESIS SEMINAR
6.	GUIDELINES FOR CONVERSION OF CANDIDATURE STATUS FROM MASTER PROGRAMME BY RESEARCH TO A DOCTORAL PROGRAMME BY RESEARCH_ 2025 (VERSI 2) - Senat 27.2.2025
7.	GUIDELINES FOR THE APPLICATION OF CONFIRMATION LETTER THROUGH MS OFFICE 365
8.	SUPERVISION POLICY OF POSTGRADUATE CANDIDATE UM - Senate 27.9.2023
9.	GUIDELINES FOR THE PREPARATION OF RESEARCH PROJECT, DISSERTATION AND THESIS



Scan for the Postgraduate
Programmes page

Laboratory usage

Undertaking Of Laboratory Safety Rules and Regulations Form

Before you start lab work



Certificate of Completion

This is to certify that

Ali bin Abu
00015017

has successfully completed the

UNDERTAKING OF UNIVERSITI MALAYA
ENGINEERING FACULTY LABORATORY
SAFETY RULES AND REGULATIONS

Date: 9/10/2025

Deputy Dean (Development)
Faculty of Engineering

Endorsed By: Occupational Safety and Health & Environment Centre (OSHEC) Universiti Malaysia

**UNDERTAKING OF LABORATORY
SAFETY RULES & REGULATIONS**

Scan Here
to complete the form



- ❖ All students must complete the Undertaking of Laboratory Safety Rules & Regulations Form before entering the laboratory.
- ❖ The certificate must then be shown to the Lab PIC before entering the lab.
- ❖ This is a **one-time** requirement for all students during their studies.

DEPUTY DEAN (DEVELOPMENT) www.engine.um.edu.my

Attendance QR Code

Upon enter the laboratory

REMINDER!

**TO ALL STUDENTS
&
VISITORS**



It is **compulsory** to record
your lab usage.

Please scan the QR code
at the entrance.

**Please refer to the lab
staff for assistance.**

 **FAKULTI KEJURUTERAAN**
Faculty of Engineering

Laboratory & Safety Unit (LSU), Deputy Dean's (Development) Office, Level 2,
Engineering Tower (Block E),
Tel: (03) 7967 9307 / 7967 5323

Laboratory access and close-out

	Borang Kebenaran Penggunaan Bengkel / Makmal
	Workshop / Laboratory Access Approval Form

Borang ini mesti diisi oleh pelajar di Fakulti Kejuruteraan, Universiti Malaysia dan diserahkan kepada Staf Makmal sebelum pelajar dibenarkan memasuki makmal.
This form must be completed by students in the Faculty of Engineering, Universiti Malaysia and submitted to the Laboratory Staff before a student is granted access to the laboratory.



FOTO
TERKINI
LATEST PHOTO

Bahagian 1: Maklumat Pelajar
 Section 1: Student Information

Nama / Name:	
ID Pelajar / Student ID:	
Program Pengajian / Program of Study:	
Jabatan / Department:	
Penyelia / Supervisor:	
E-mel / Email:	
Nombor Telefon / Contact Number:	
Tajuk Projek/Tesis / Project/Thesis Title:	
Tempoh Pengajian / Duration of Study:	

Bahagian 2: Maklumat Makmal
 Section 2: Laboratory Information

Blok / Block:	
Makmal / Laboratory:	

1 Ver. 1

Access Approval Form

Before you start lab work
 Graduate Student Laboratory,
 FKUM

	Borang Pelepasan Akhir Bengkel / Makmal
	Final Workshop / Laboratory Close Out Form

Borang ini mesti diisi oleh pelajar di Fakulti Kejuruteraan, Universiti Malaysia yang telah menamatkan pengajian atau akan meninggalkan makmal, dan diserahkan kepada Staf Makmal Jabatan masing-masing sebelum atau semasa memohon pemeriksaan akhir makmal.
This form must be completed by students in the Faculty of Engineering, Universiti Malaysia who are completing their studies or leaving the laboratory, and submitted to the respective Department Laboratory Staff before or when requesting a final close-out inspection.

Maklumat Pelajar
 Student Information

Nama / Name:	
ID Pelajar / Student ID:	
Makmal / Laboratory:	
Jabatan / Department:	
Penyelia / Supervisor:	
E-mel / Email:	
Nombor Telefon / Contact Number:	
Tajuk Projek/Tesis / Project/Thesis Title:	
Tempoh Pengajian / Duration of Study:	

1 Ver. 1

Close Out Form

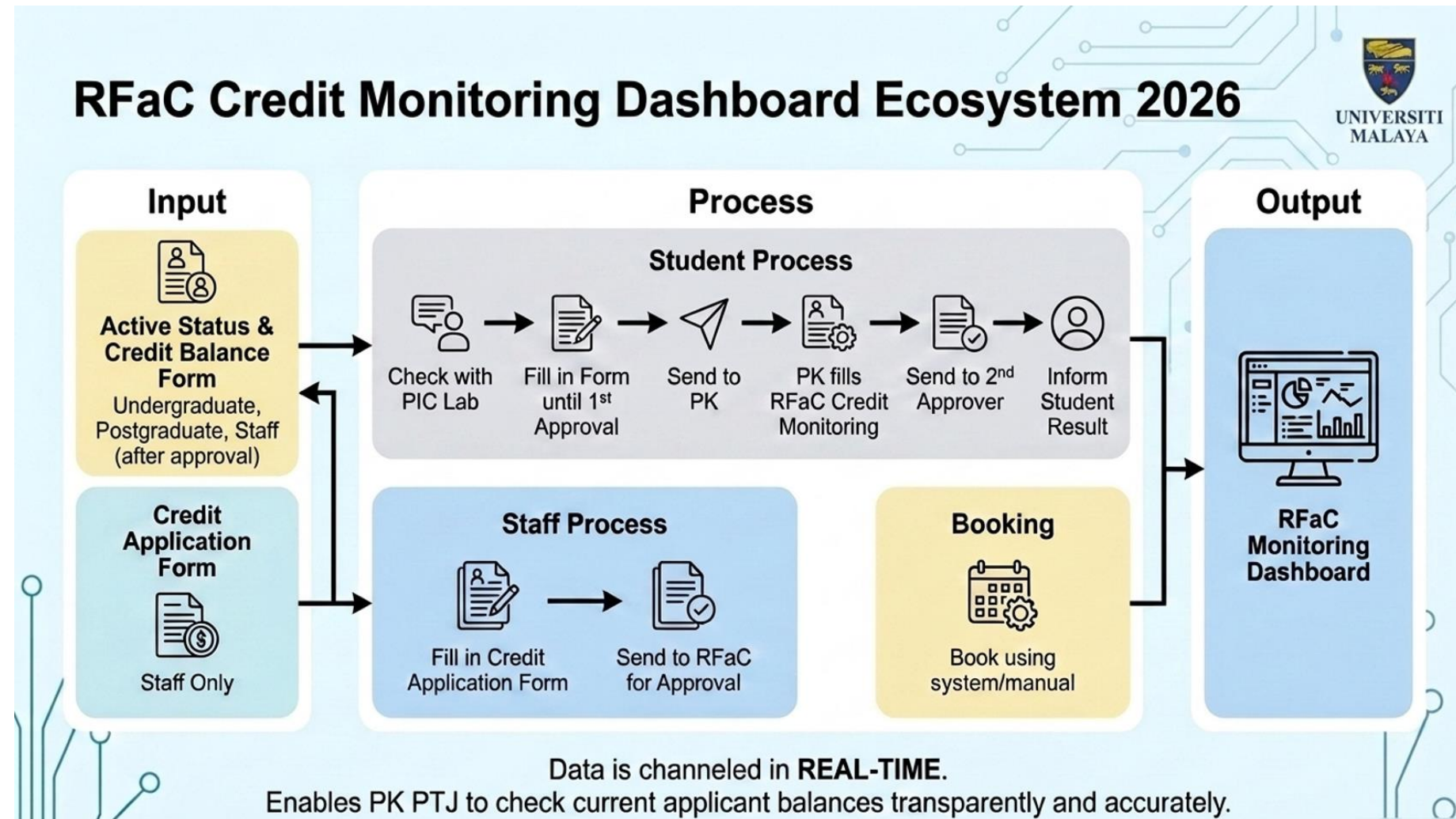
When you finish or leave
 Graduate Student Laboratory,
 FKUM

[Graduate Student Laboratory Access Approval Form FKUM](#)

[Graduate Student Laboratory Close Out Form FKUM](#)

Pengurusan Operasi Peralatan Penyelidikan Dengan Subsidi (POPPS)

- Implementation of complimentary access to the University's research facilities.
- The POPPS Guidelines apply to all University research assets, equipment and facilities.
- Guidelines: [POPPS Guidelines](#)
- Application form : [POPPS Application Form](#)
- Contact Person: [POPPS Contact Officer](#)



**FACULTY OF
ENGINEERING
POSTGRADUATE
STUDENTS CLUB UM
(FEPCUM)**

[https://chat.whatsapp.
com/GJlqOH7EgLK8E
Wk15CdgDs?mode=h
qctqta](https://chat.whatsapp.com/GJlqOH7EgLK8EWk15CdgDs?mode=hqctqta)



FEPCUM CENTRAL INFO 23/24

WhatsApp group



Contact Us



Deputy Dean's Office (Postgraduate Studies)
Faculty of Engineering
Universiti Malaya, 50603 Kuala Lumpur, Malaysia



<https://engine.um.edu.my/postgraduate-programmes>
<http://engine.um.edu.my>
<https://www.um.edu.my/>



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Tel: (+603) 7967 4477 (Administration)
: (+603) 7967 4480 (Master Coursework)
: (+603) 7967 4481 (PhD & Master Research)
: (+603) 7967 4482 (Assistant Registrar)



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[@engineering.um](https://www.instagram.com/engineering.um)



[@engineering.unimalaya](https://www.youtube.com/channel/UC...)