



UNIVERSITI
MALAYA

POSTGRADUATE WELCOMING SESSION

SEMESTER 1, SESSION 2024/2025



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

Deputy Dean

(Postgraduate Studies)

ORGANIZATION CHART OF POSTGRADUATE STUDIES UNIT 2024



Staff of Postgraduate Studies Unit



ASSOC. 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, N29

E: nuur.hakimah@um.edu.my

Tel. No.: 03-7967 4477

Job Scope:

Student's Confirmation Letters
Higher Degree Committee Meetings
(Compilation)
Faculty Meeting's Paper
Matters on Senate Meeting
External Examiner Visits
AunSeed/Net (Candidate Allowance)
Deputy Dean (Postgraduate Studies) Schedules



HASNATUL FARHANA BINTI HASSAN

Senior Asst. Registrar, N44

E: hfarhana@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, N29

E: nurfaizah@um.edu.my

Tel. No.: 03-7967 4481

Job Scope:

Application for PhD and Master (by Research)

Accreditation (PSAR/ CR/ Dual Degree)

Open Distance Learning (ODL)

Curriculum

E-Course File (PhD/ MEng.Sc./ Master by Coursework)

Supervision Grant

Documentation Matters

Part Time Teaching (Payment)



MAZNAH BINTI MOHAMMAD ZIN

Senior Administrative Asst., N22

E: maznah_mohammadzin@um.edu.my

Tel. No.: 03-7967 4481

Job Scope:

Master by coursework matters

Examination & Graduation of Master's Degree

Application for Title Approval (Master's Degree by coursework)

Master by Coursework (E-Course File)

Part Time Teaching (Advertisement)

Research Methodology Course (Coursework & Research)

CTES Evaluation

Staff of Postgraduate Studies Unit



SITI KHAIRIAH BINTI IBRAHIM

Senior Administrative Asst., N22
E: ski_83@um.edu.my
(Civil Engineering)



NOR HARYATI BINTI MUEN

Senior Administrative Asst., N22
E: haryati@um.edu.my
(Mechanical & Biomedical Engineering)



FARRAHLIZA MOHD YUSOF +*

Administrative Asst., N19
E: farrahliza@um.edu.my
(Chemical Engineering)



NUR FATIMAH BINTI ABD RAHIM

Administrative Asst., N19
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)
17. Matters on Payment of Examiners honorarium +*

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)**



**ASSOC. 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. THAM LAI KUAN
E: laikuan.tham@um.edu.my
Tel. No. : 03-7967 4581

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



DR. SUHANA BINTI KOTING
suhana_koting@um.edu.my
Tel. No. : 03-7967 7648

Master of Mechanical Engineering



DR. NAZATUL LIANA BINTI SUKIMAN
E: nazatul@um.edu.my
Tel. No. : 03-7967 2656

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



IR. DR. MOHD RASDAN BIN IBRAHIM
PG Coordinator for
Department of Civil Engineering
E: rasdan@um.edu.my
Tel. No. : 03-7967 6881



ASSOC. 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
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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



DR. MUHAMAD FAZLY BIN ABDUL PATAH
PG Coordinator for
Department of Chemical Engineering
E: fazly.abdulpatah@um.edu.my
Tel. No. : 03-7967 7657

Program Structure

- Master of Safety, Health and Environment Engineering

COURSE	CREDIT
Core Courses	21
Elective Courses	12
Research Project	10
TOTAL CREDITS	43

- Master of Mechanical Engineering

COURSE	CREDIT
Core Courses	21
Elective Courses	9
Research Project	12
TOTAL CREDITS	42

- Master of Road Safety Engineering

COURSE	CREDIT
Core Courses	21
Elective Courses	9
Research Project	12
TOTAL CREDITS	42

- Master of Systems Engineering

COURSE	CREDIT
Core Courses	15
Elective Courses	15
Research Project	12
TOTAL CREDITS	42

Learning Outcomes

1

- Demonstrate continuing advanced knowledge and apply the knowledge in solving complex engineering problems.

2

- Analyze and evaluate complex engineering problems or issues critically and provide solutions through the application of engineering concepts.

3

- Formulate and design solutions for the complex engineering problems using appropriate methods and tools

4

- Communicate critically based on the engineering knowledge using oral or written medium as individual or in a group.

5

- Demonstrate competency incorporating advanced numerical concept and adopt relevant digital technologies in solving complex engineering problems.

6

- Demonstrate significant leadership skills in project management and technical project in the context of complex engineering application.

7

- Identify the need for continuous professional development and entrepreneurial element in the context of engineering discipline.

8

- Plan and execute technical or research project ethically and professionally as a socially responsible engineer.

MARKING SCHEME AND GRADE POINT AVERAGE

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

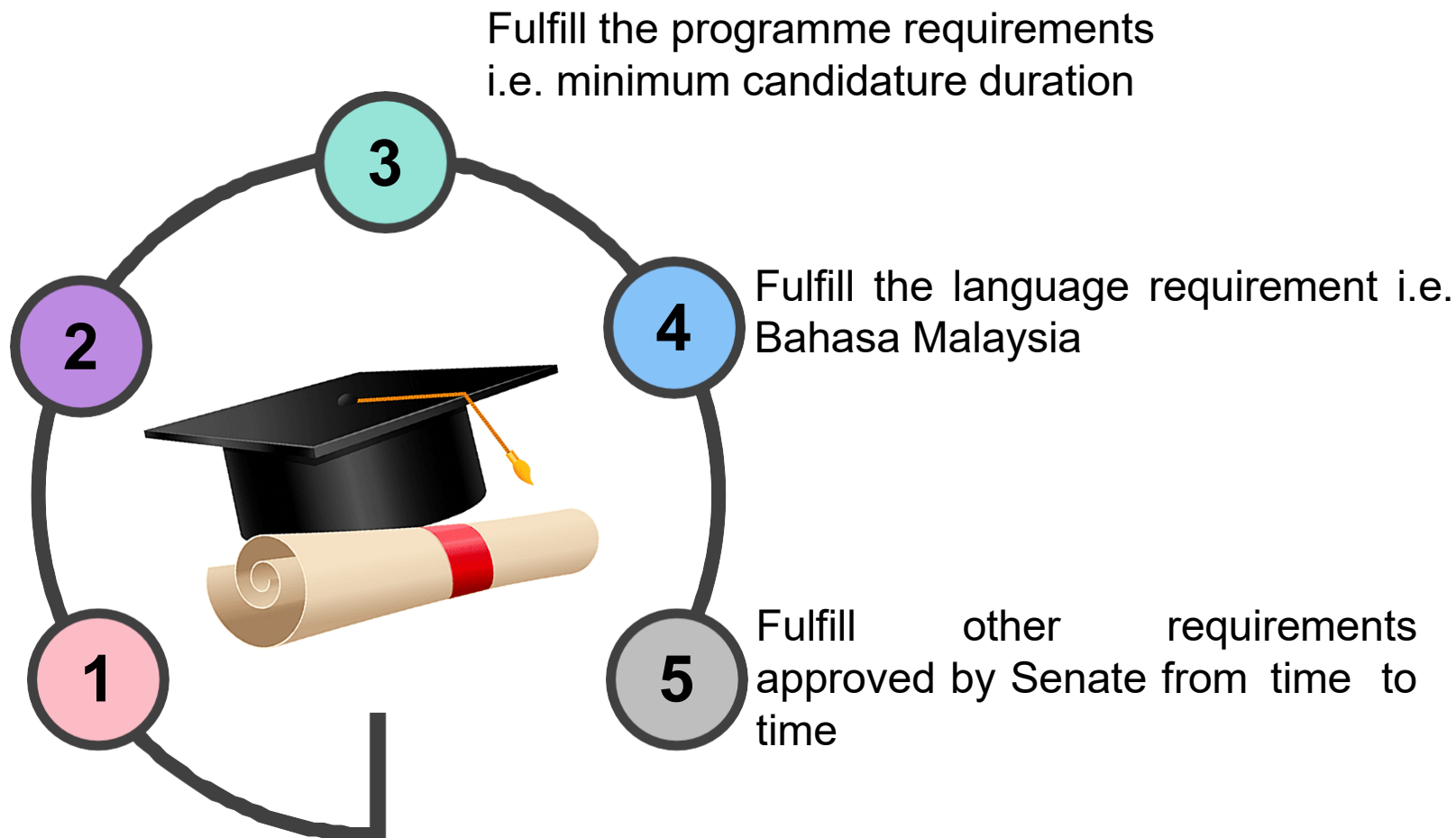
Note:

Grade 'P' is given every semester for progressive courses which are conducted consecutively until the total credit of the course is completed. Other than medical reasons, any candidate who does not complete grade P will be given grade F.

GRADUATION – Programme of Study by Coursework

Complete the number of credits as prescribed for the Master's degree programme

Achieve a final CGPA of 3.00 and above



For more details please refer to <https://engine.um.edu.my/postgraduate-programmes>

CANDIDATURE REQUIREMENTS

MASTER BY RESEARCH

- (a) FULFILL the **University's Bahasa Malaysia** course before graduation (INTERNATIONAL candidates only).
 - (b) PASS **Research Methodology Course not later than the second (2nd) semester** of candidature.
 - (c) PRESENT research proposal in **Proposal Defence not later than the second (2nd) semester** of candidature.
 - (d) PRESENT research progress in **Candidature Defence not later than the third (3rd) semester** of candidature.
 - (e) PUBLISH **at least one (1) article in journals indexed by Thomson Reuters Web of Science (WoS)** (according to the criteria set in the publication guidelines), prior to graduation.
 - (f) PASS dissertation examination and Viva Voce.
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CANDIDATURE REQUIREMENTS

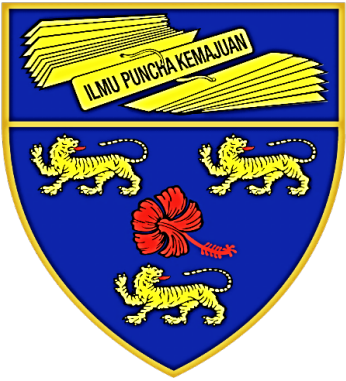
DOCTOR OF PHILOSOPHY

- (a) FULFILL the **University's Bahasa Malaysia** course before graduation (INTERNATIONAL candidates only).
 - (b) PASS **Research Methodology Course** not later than the **second (2nd) semester** of candidature.
 - (c) PRESENT research proposal in **Proposal Defence** not later than the **second (2nd) semester** of candidature.
 - (d) PRESENT research progress in **Candidature Defence** not later than the **fifth (5th) semester** of candidature.
 - (e) PRESENT **Thesis Seminar** before submission of thesis for examination.
 - (f) PUBLISH **at least two (2) articles** in **journals indexed by Thomson Reuters Web of Science (WoS)** (according to the criteria set in the publication guidelines), prior to graduation.
 - (g) PASS thesis examination and Viva Voce.
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CANDIDATURE REQUIREMENTS

DOCTOR OF PHILOSOPHY (FAST TRACK)

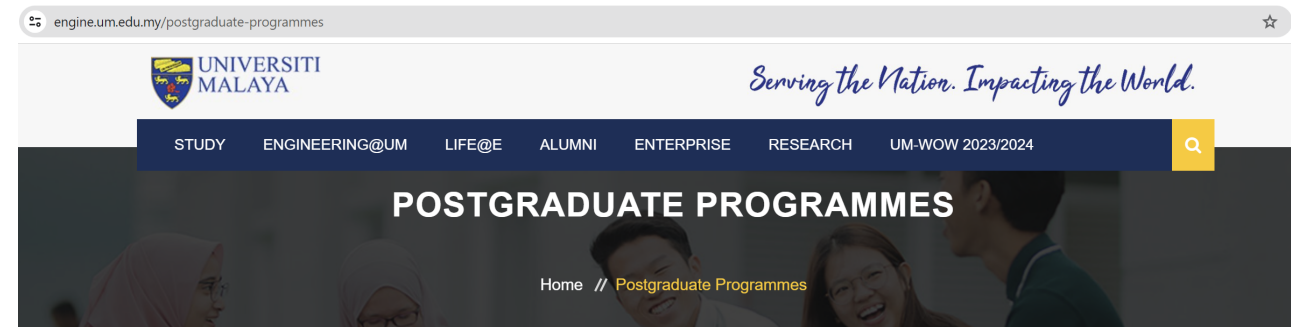
- (a) FULFILL the **University's Bahasa Malaysia** course before graduation (INTERNATIONAL candidates only).
 - (b) PASS **Research Methodology Course** not later than the **second (2nd) semester** of candidature.
 - (c) PRESENT research proposal in **Proposal Defence** not later than the **second (2nd) semester** of candidature.
 - *(d) PRESENT research progress in **PhD Confirmation Defence** not later than the **third (3rd) semester** of candidature
 - (e) PRESENT research progress at **Candidature Defence** not later than the **fifth (5th) semester** of candidature.
 - (f) PRESENT **Thesis Seminar** before submission of thesis for examination.
 - (g) PUBLISH **at least two (2) articles** in **journals indexed by Thomson Reuters Web of Science (WoS)** (according to the criteria set in the publication guidelines), prior to graduation.
 - (h) PASS thesis examination and Viva Voce.
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Important Points

Students should comply and refer to Universiti Malaya Rules and Regulations for Master and Doctoral Degree.

All information can be found in the **faculty website** :
<https://engine.um.edu.my> => Study tab => Postgraduate Programmes
(<https://engine.um.edu.my/postgraduate-programmes>)



Welcome to the Faculty of Engineering. You have certainly made the right choice to pursue your Higher Degree here at University of Malaya. We have an exceptional track record in terms of our curriculum, research, our experienced team of staff and most of all, our QS World Rankings speaks volume for itself.

How is our engineering postgraduate degree different?

Research is a key activity within the faculty and we encourage large-scale studies and a flexible approach to interdisciplinary collaborations with other academic institutions and members of the industry in order to tackle the wider range of issues facing our society and the natural world.

The Faculty of Engineering has invested heavily in the student experience and places research-led teaching at the core of our programme. We endeavour to fully support our students and researchers in their research activities and encourage them to accomplish their aims - regardless of whether their studies focus on a single academic field or address wider challenges that are shaped by the emerging needs of industry and society. In many areas, our students are clearly leading the world in their discoveries and developments.

Important Points

Research Project (for Coursework only)

*Determination of field of research
Appointment of supervisor(s)
Confirmation of title
Meet submission deadline*

BAHASA MALAYSIA MODULE

*INTERNATIONAL STUDENT must fulfill the course before graduation
(approach the Faculty of Languages and Linguistics for more information)*

CONFIRMATION LETTER FOR VISA

*Apply at least **ONE MONTH** before the expiry date of Visa
(NO Last Minute!)*

Research Methodology

Join the class according to the mode of studies (Master/ PhD)

Enrolment Status

*Confirm registration and ensure status is **ACTIVE***

SISWAMAIL

Check regularly for important updates and notification i.e. reminder on Progress Report, Deadlines , change of timetable, talks & etc.

Schedule for Examinations

Strictly follow the examination schedule

Add and Drop Modules

No add and drop module is allowed after confirmation of registration

Teaching and Learning

Teaching and learning activities will be conducted online, physical or in blended mode

Deputy Dean's Office (Postgraduate Studies)

Faculty of Engineering

Universiti Malaya

50603 Kuala Lumpur, Malaysia

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4481 (PhD & Master Research) / 4482 (Assistant Registrar)**

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<https://engine.um.edu.my/>

THANK YOU
