HANDBOOK
Postgraduate (by research)

2022/2023
Academic
Session

First Edition | November 2022

Contents

- UM's Core Values 3
- Brief History 4
- Dean's Message 6
- Organisational Chart 7
- Institute for Advanced Studies (IAS) Overview 11
- Core Functions 12
- Campus Map 13
- Higher Institution Centre of Excellence (HICoE) 14
- CoE Directors 15
- Our Experts 16
- Student Enrolment 2021/2022 20
- IAS Graduates 22
- Academic Programmes (MPhil & PhD) 23
- Academic Calendar 25
- Academic Policies 28
- Your Research Journey: step-by-step 51
- Facilities 52
- IAS Activities 59
- UM Planetary health 66
- QS World University Rankings 2022 70
- How to Get in Touch with Us 72

Core Values

VISION

A global university impacting the world

MISSION

Pushing the boundaries of knowledge and nurturing aspiring leaders

P	O	I	S	E
PASSION	ONENESS	INTEGRITY	SINCERITY	EMPATHY

Institute for Advanced Studies

A Brief History

1979

Institute of Postgraduate Studies (IPS) was established

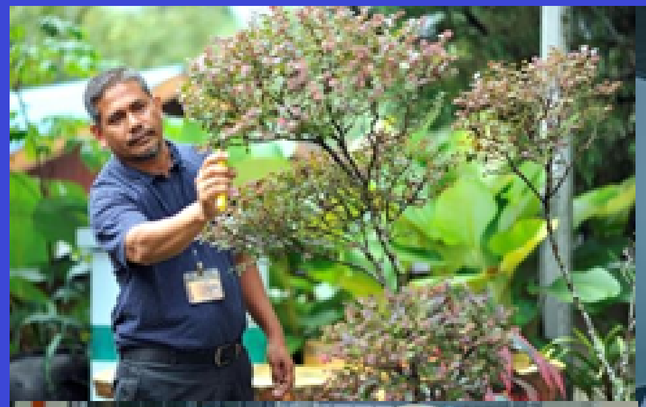
2018

IPS has been decentralised and Institute for Advanced Studies (IAS) was established to lead new function

2023 onwards

To become central body promoting active cultivation and dissemination of multidisciplinary knowledge in the sciences and the social science areas

UM Vision: A Global University Impacting the World



Welcome, Students!

Dean's Message

Professor Dr. Abrizah Abdullah

UNIVERSITI MALAYA
Institute for Advanced Studies

Welcome to the Institute for Advanced Studies, the hub of Universiti Malaya's multidisciplinary academic and research programmes. We endeavor to promote research aligned with the university's strategic guiding principles and to foster multidisciplinary research ideas in key areas of sciences, social sciences, and humanities. We also provide anyone the opportunity to pursue stackable credentials to complete an interdisciplinary Master's degree programme.

Our Institute is especially dedicated to the advancement of early career researchers (the Professors and Laureate of tomorrow) and the creation of opportunities, networking, and collaborations. Our Institute incorporates national emeriti and international visiting scholars into the University's academic community.

Our students will have the opportunity to work with academics, administrative personnel, and other students who are enthusiastic, perceptive, and optimistic about achieving the institute's vision, mission, and goals. Effective student services and facilities committed to providing a platform for the sharing and exchange of ideas will enhance the students' journey. We are fully dedicated to the success and well-being of our students. This handbook is intended to guide postgraduate students on the academic requirements and to serve as a quick reference for the IAS support services. In addition, the handbook provides online links to the postgraduate supervision policy and other sources of information relating to the dissertation/thesis examination procedure. We anticipate that you will be a member of the community of scientists and scholars who are driven by your intellectual curiosity and contribute to sustainable socio-economic and environmental development. I wish you tremendous luck on your research adventure on behalf of the IAS!

UNIVERSITI MALAYA

INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies

ORGANISATION CHART

Updated : Novermber 2022

Prof. Dr. Abrizah Abdullah
Dean

Siti Hajah Jaafar
Secretary (N30)

Nur Hidayah Sahbudin
Asst. Secretary (N19)

Assoc. Prof. Dr.
Siti Hafizah Ab Hamid
Deputy Dean

ACADEMIC & RESEARCH DEVELOPMENT

Prof. Dr. Noorsaadah Abd Rahman
Advisor & Mentor
Research Program

Dr. Adibi Rahiman Mohd Nor
Coordinator
MPhil I PhD Program

Dr. Song Sze Looi
Coordinator
Mixed Mode Program

Dr. Fong Chng Saun
Coordinator
Coursework Program

Dr. Chin Kim Ling
Felo SLAI

ADMIN I OPERATION I FINANCE

ACADEMIC MANAGEMENT

Norli Abu Chek
Sr. Assistant Registrar (N44)

Nurul Hazween Abu Bakar
Assistant Registrar (N41)

Muhd Asri Muhd Zin
Assistant Engineer
(JA29)

Nirmala Kandasamy
Account Assistant
(W22)

Maizatul Ezzatty
Mokhtar
Admin Assistant (N19)

Alif Farkhan
Mohd Sharif
Computer Technician (FT19)

Izzaimie Ismail
Operation Assistant
(N11)

Siti Farah
Wahida Ramli
Admin Assistant (N19)

Nabihah Mohd Nawi
Admin Assistant
(N19)

Muhammad Amirul
Fahmy
Admin Assistant (N19)

INSTITUTE FOR ADVANCED STUDIES

is headed by a Dean, assisted by Deputy Dean, one Programme Advisor and Mentor, three Programme Coordinators, a Senior Assistant Registrar and an Assistant Registrar.

Prof. Dr. Abrizah Abdullah
Dean

+ https://ias.um.edu.my/

Assoc. Prof. Dr. Siti Hafizah Ab Hamid
Deputy Dean

Prof. Dr. Noorsaadah Abd Rahman
Advisor & Mentor
Research Program

Dr. Adibi Rahiman Mohd Nor
Coordinator
MPhil/PhD Program

Dr. Song Sze Looi
Coordinator
Mixed Mode Program

Dr. Fong Chng Saun
Coordinator
Coursework Program

Ms. Norli Binti Abu Chek
Sr. Assistant Registrar

Ms. Nurul Hazween Abu Bakar
Assistant Registrar

ACADEMIC SECTION OFFICE

Ms Norli Binti Abu Chek

Ms Nurul Hazween Abu Bakar

Programmes: PhD & MPhil	Programmes: PhD & MPhil	Programme: PhD	Programme: MPhil
Ms. Nur Hidayah Sahbudin	Mr. Mohamad Amirul Fahmy Mat Naim	Ms Siti Farah Wahida Ramli	Ms Nabihah Mohd Nawi
1. Research Seminar Presentation 2. Confirmation Letter (PhD & MPhil)	1. CTES/Spectrum 2. Research Methodology Courses 3. Honorarium Payment (Internal & External Examiners 4. Application of Appointment/ Change for Supervisor/ Consultant	1. New application (Admission) 2. Examination and Graduation 3. Appointment of Internal & External Examiners 4. Registration and Enrolment	1. New application (Admission) 2. Examination and Graduation 3. Appointment of Internal & External Examiners 4. Registration and Enrolment

ACADEMIC SECTION & DIRECTORY

Siti Hajah Jaafar
Dean's Secretary (N30)
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: ct_shj@um.edu.my
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(Admin & Finance)

Institute for Advanced Studies (IAS) Overview

Vision

Our vision is for IAS to be the central body promoting active cultivation and dissemination of multidisciplinary knowledge in the sciences and the social science areas

Background

Institute for Advanced Studies (IAS) is Malaysia's first postgraduate and advanced research institution within a university providing facilities for multidisciplinary studies. Since its inception in 1979, the IAS has been offering an extensive range of graduate research opportunities. Currently, with around 400 postgraduate students, the number of postgraduate candidates has been increasing significantly over the years. IAS is highly recognized for conducting leading edge research in key areas of sciences, social sciences and humanities. IAS proudly upholds the traditions and standards of excellence in teaching and research by providing effective and efficient student services, opportunities and a platform for the sharing & shaping of ideas. Candidates will be trained and supervised by distinguished local and expatriate scholars from various faculties and research centres, who are instrumental in founding new research niche areas. IAS is currently offering multidisciplinary postgraduate programmes (by research) and niche area programmes jointly coordinated by the Higher Education Center of Excellence (HICOE) and UniversitI Malaya Centre of Excellence (UMCoE).

IAS Core Function

1

Multidisciplinary Programmes

Develop, offer and manage multidisciplinary and/or interdisciplinary programmes in co-operation with other Academic RCs.

2

Research-based Solution

Develop, offer and manage research training programmes leading to certification

3

Partnership

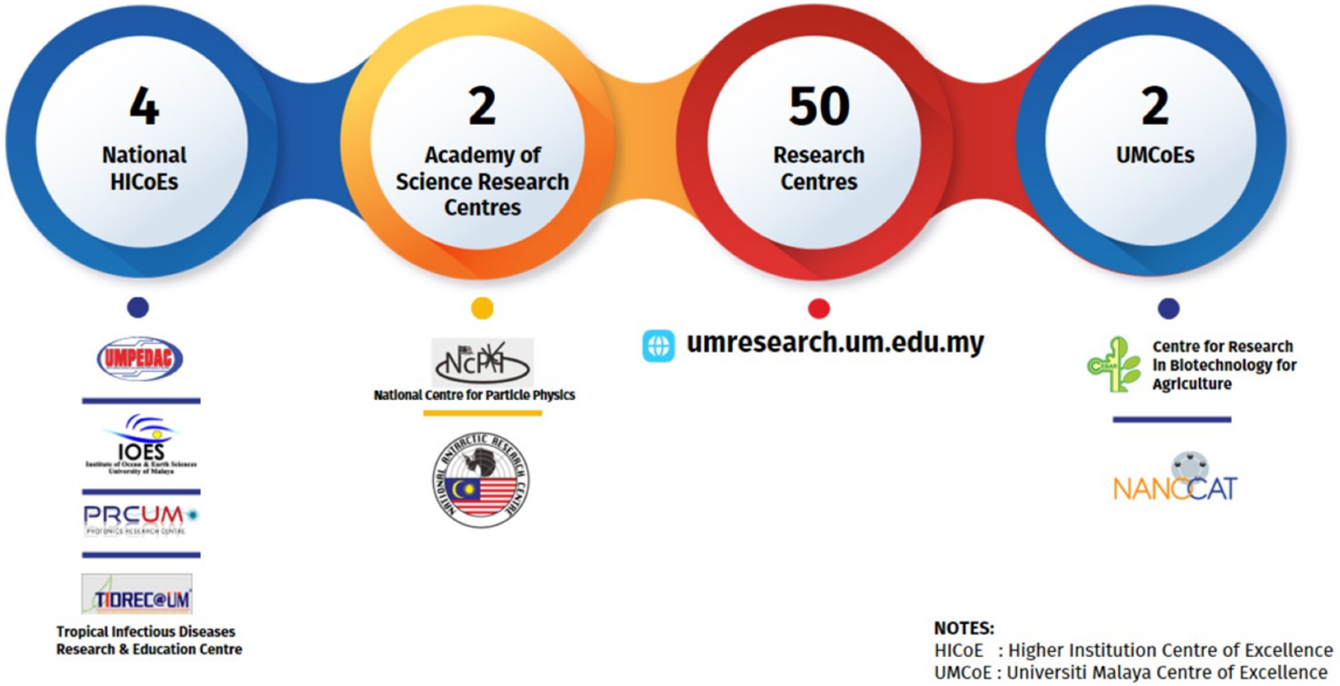
Establish international collaborations through multidisciplinary cooperative programmes.

4

Centre of Excellence

Develop, offer and manage academic programmes for the Universiti Malaya Centres of Excellence（CoE）

Universiti Malaya Campus Map



Universiti Malaya Power Energy Dedicated Advanced Centre (UMPEDAC)

Institute of Ocean and Earth Sciences (IOES)

Photonic Research Centre Universiti Malaya (PRCUM)

Tropical Infectious Research and Education Centre (TIDREC)

Centre for Research inBiotechnology for Agriculture (CEBAR)

Nanotechnology and Catalysis Research Centre (NANOCAT)

Higher Institution Centre of Excellence (HICoE)

In support of the third thrust of the National Higher Education Strategic Plan (NHESP) and moving towards gearing up the level of the country's research and development (R&D) and innovation, the Ministry of Higher Education (MoHE) finds that there is a need to recognise the potential centres of excellence (CoEs) in Higher Education Institutions (HEIs) in order to further leap them towards internationalisation. The recognition of HICoE by MOHE is to identify the best of the best CoE in HEIs at the national level.

The first evaluation exercise of HICoE was undertaken in 2008. From 142 applications, 6 CoEs in 5 public HEIs have met the stringent requirements. With the approval of the Cabinet, on the recommendation of MoHE, the approved CoEs were formally designated to be HICoE on 30th October 2009. The efforts of identifying and acknowledging the achievement of CoEs in HEIs will encourage them to work towards becoming a global leader in their research niche areas. Thus, HICoE will be supported and facilitated by MoHE so that they will become the focused vehicles that will drive the R&D and innovation agenda, particularly in fundamental research, as well as contributing to human capital development.

CoE Directors

Teaching staff is of central importance at our faculty. Under the leadership of our CoE Directors, would ensure quality higher education rests upon academic staff's knowledge, skills, competencies, abilities, attitudes, and work ethics, irrespective of status ranging from a lecturer, senior lecturer, associate professor, professor to a distinguished professor. As a result, we have high quality and well-motivated academicians, together with a supportive intellectual, innovative and professional culture.

PROF. IR. DR. NASRUDIN ABD. RAHIM
UMPEDAC

PROF. DR. SUMIANI BINTI YUSOFF
IOES

DATUK DISTINGUISHED PROF. DR. HARITH BIN AHMAD
PRCUM

PROFESSOR DR. SAZALY ABU BAKAR
TIDREC

PROF. DR. JENNIFER ANN HARIKRISHNA
CEBAR

PROF. DR. MOHD RAFIE BIN JOHAN
NANOCAT

Distribution of Academic Staff and Areas of Expertise at IAS, HICoE, UMCoE and other Faculties

Institute for Advanced Studies (IAS)	Dr Song Sze Looi Molecular Genetics, Genomics, Phylogenetics	Dr Adibi Rahiman Md Nor Seaweed Aquaculture, Fisheries Governance, Fishing Communities	Dr. Fong Chng Saun Environmental science, Urban Planning, Air Quality,	
Universiti Malaya Power Energy Dedicated Advanced Centre (UMPEDAC)	Professor Ir. Dr. Nasrudin Bin Abd Rahim Power Electronics and Drives, Solar Photovoltaic Technologies, Real-Time Control Systems	Professor Ir. Dr. Ab Halim Bin Abu Bakar Power System Protection, Power System Planning and Power System Transients	Associate Prof. Dr. Jeyraj A/L Selvaraj Single- and Three phase Multilevel Inverters, Digital Current-Control Techniques, Photovoltaic Inverters, and Dc-Dc Converters	
	Associate Prof. Dr. Md. Hasanuzzaman Thermal Engineering, Photovoltaic, PVT, Solar Thermal	Dr. Siti Rohani Binti Sheikh Raihan Power Electronics, Renewable Energy and Embedded Systems	Dr. Mohamad Fathi Bin Mohamad Elias Power Electronics, Renewable Energy and Embedded Systems	Dr. Che Hang Seng Multiphase Machines Drives, Fault Tolerant Control, and Renewable Energy
	Dr. Tan Chia Kwang Power System Study, Power System Protection and Power Quality	Dr. Jafferi Bin Jamaludin Power Electronics, Embedded System, Energy Management and Energy Efficiency	Dr. Azimah Omar Dye-sensitized solar cell (DSSC) Fabrication, Electrochemical Impedance Spectroscopy (EIS) Analysis,	Dr. Amirul Syafiq bin Abdul Jaafar nano-materials, nanotechnology, thin-film, self-cleaning coating,
	Dr Muhammad Shakeel Ahmed nano-materials, Dye-sensitized solar cell (DSSC), hydrogen technology			
Photonic Research Centre Universiti Malaya (PRCUM)	Distinguished Prof. Datuk Dr. Harith Ahmad Quantum Electronics and Lasers, Fibre Optics and Waveguides, Fibre Optics and Waveguides	Assoc. Prof. Dr. Rozalina Zakaria Physical Sciences, Plasmonics and Laser Ablation, Laser		
	Assoc. Prof. Ir. Dr. Lim Kok Sing Optical and Photonic Systems, Fibre Optics and Waveguides, Device Physics and Simulation	Dr. Chong Wu Yi Laser Direct Writing	Dr. Norazriena Yusoff Electrochemical Materials, nano materials	

Distribution of Academic Staff and Areas of Expertise at IAS, HICoE, UMCoE and other Faculties

Institute of Ocean and Earth Sciences (IOES)

Professor Dr. Sumiani Yusoff
Life Cycle Analysis

Emeritus Professor Dr. Phang Siew Moi
Bioremediation, Biofuel - Bioethanol from Seaweeds, Biodiesel from Algae

Professor Dr. Lim Phaik Eem
Marine Biotechnology, Systematics and Phylogenetics of Marine and Other Organisms, Marine Genomics

Professor Dato' Dr. Azizan Abu Samah
Meteorology (Polar meteorology, Monsoon meteorology, Air Pollution)

Associate Prof Dr. Bong Chui Wei
Marine Microbial Enzymology

Associate Professor Dr. Hanafi Bin Hussin
Southeast Asian Culture-Performing Arts

Associate Professor Dr. Siti Aisah Binti Hj Alias
Biodiversity Antarctic Arctic Fungi, Ecology, Marine Fungi

Dr. Mohammed Rizman Idid
Evolutionary Biology, Molecular Ecology

Dr Kishneth A/L Palaniveloo
Advancement of Biodiversity

Professor Dr. Shaliza Ibrahim
Area of Mixing and Hydrodynamics in Multiphase Reactors Involving Solids, Liquids and Gas

Dr. Cheah Wee
Oceanography

Associate Professor Dr. Lim Po Teen
Quantum Electronics and Lasers, Fibre Optics and Waveguides, Fibre Optics and Waveguides

Dr. Sahadev Sharma
Mangrove Forest Biogeochemical Cycle and Ecophysiology

Dr. Poong Sze Wan
Seaweeds Molecular Phylogeny

Dr. Nuradilla Mohamad Fauzi
Cell biology, Molecular Genetics

Associate Professor Dr. Leaw Chui Pin
Harmful Algal Blooms and Toxins

Distribution of Academic Staff and Areas of Expertise at IAS, HICoE, UMCoE and other Faculties

Tropical Infectious Research and Education Centre (TIDREC)	Professor Dr. Sazaly Abu Bakar Biorisk Management, Bacteriology, Virology		Dr. Low Van Lun Vector-Borne Diseases, Pesticide Toxicology, Molecular Genetics		
	Dr. Sam Sing Sin Immunogenetics, Virology, Vector Borne Diseases	Dr. Zubaidah Ya'cob Vector Biology, Vector Systematics, Population Ecology	Dr.Pouya Hassandarvish Infectious Diseases	Dr. Tan Kim Kee Molecular genetics, Virology	
	Dr. Natasha Lee Hai Yen Vaccine Development, Genomic, Bacteriology	Dr. Teoh Boon Teong Infectious Diseases	Dr. Tiong Vunjia Virology, Biorisk management	Dr. Norhidayu Sahimin Vector Borne Disease, Infectious Diseases	Dr. Hasmawati Yahaya Infectious Diseases
Centre for Research in Biotechnology for Agriculture (CEBAR)	Professor Dr. Jennifer Ann Harikrishna Molecular Genetics and Biotechnology		Dr. Tan Boon Chin Transgenic Plant, Plant Secondary Metabolites and/or Natural Products, Risk Management		
	Professor Dr. Subha Bhassu Population Genetics, Genomic, Inland Fisheries	Dr. Teo Chee How Transgenic Studies, Molecular Marker, Transgenic Plant	Dr. Nurzhatil Sharleeza Intellectual property right, Biosafety, Bioethics	Dr. Fadhli Hamdan IRisk management (Biosafety), Tissue culture	
	Dr. Fiqri Dizar Khaidizar Molecular Genetics	Dr. Norhafiza Mohd Arshad Immuno-Therapeutics for Animal & Aquatic Health, Molecular Oncology, Cell Line Culture		Dr. Purabi Mazumdar Biotechnology, Plant Biotechnology	

Distribution of Academic Staff and Areas of Expertise at IAS, HICoE, UMCoE and other Faculties

Nanotechnology and Catalysis Research Centre (NANOCAT)	Professor Dr. Mohd Rafie Bin Johan Metamaterials, Nano- Materials		Professor Dr. Wan Jefrey Basirun Chemical Spectroscopy, Chemical and Physical Methods, Electrochemistry
	Associate Professor Dr. Juan Joon Ching Water and Wastewater Processes, Nano-Materials, Biomass Energy Technology	Associate Professor Dr. Ong Boon Hoong Composite Materials, Nano-Materials	Dr. Nader Ghaffari Khaligh Synthesis, Organic Chemical Synthesis
	Dr. Nor Aliya Binti Hamizi Nano-Materials		Dr. Nurhidayatullaili Binti Muhd Julkapli Bio-Polymers, Composite Materials
	Dr. Yasmin Abdul Wahab Ic Testing and Failure Analysis, Device Fabrication and Process Simulation	Dr. Zaira Zaman Chowdhury Catalyst and Reaction Engineering, Wastewater Treatment, Chemical and Physical Methods	Dr. Marlinda Ab Rahman Electrochemical Materials, Polymer Composites, Composite Materials
	Dr. Chee Chin Fei Drug Discovery and Development, Organic Chemical Synthesis		Ir. Dr. Lai Chin Wei Composite Materials, Energy Storage, Semiconductor Materials
Other Faculties	Distinguished Professor Dato Dr. Rajah Rasiah Applied Sciences and Technologies, Advancement of Knowledge in Applied Sciences and Technologies N.E.C		Dr. Leela Koran Communication Disorders

386

Student Enrolment

Our academic programmes are globally recognised and accredited. We offer multidisciplinary and niche area programmes jointly coordinated by the Higher Education Center of Excellence (HICoE) and the University of Malaya Centre of Excellence (UMCoE).

CURRENT STUDENT ENROLMENT

Semester 1 2022/2023

- *Doctor of Philosophy : 215*
- *Master of Philosophy : 205*

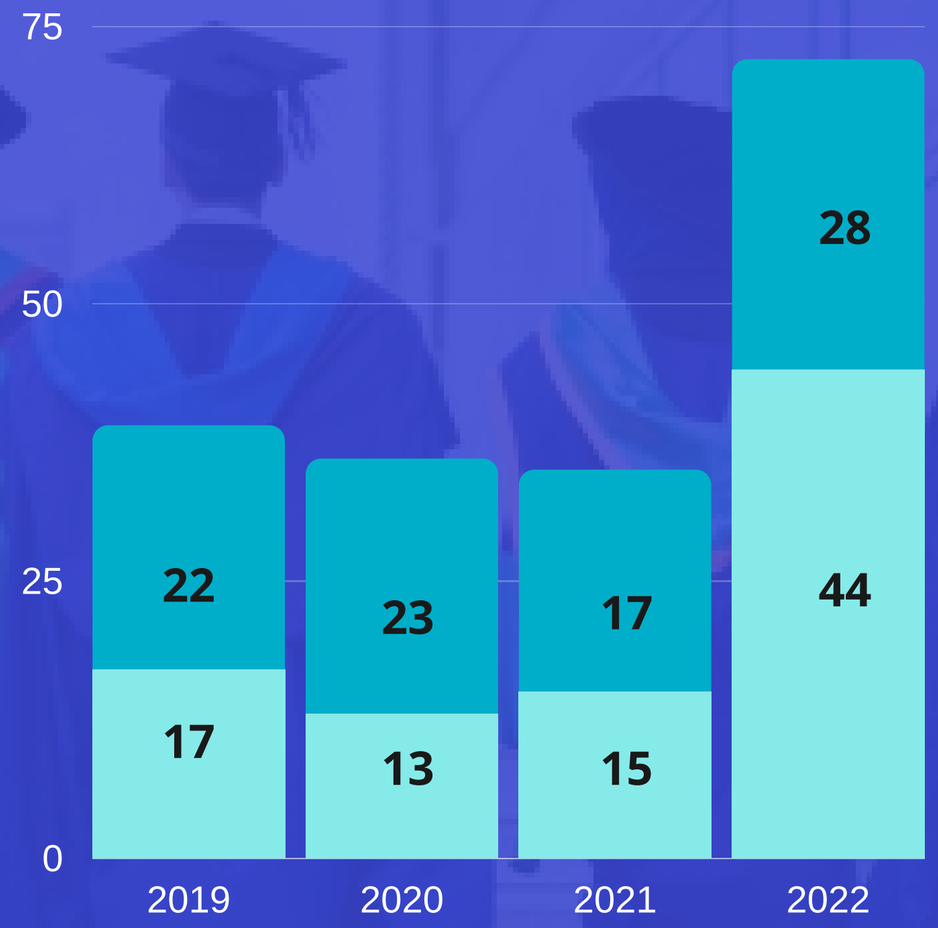
NUMBER OF COMPLETION (GRADUATES)

2019: 39

2020: 36

2021: 32

2022: 72



Academic Programmes

Doctor of Philosophy (PhD)

The goal of Doctor of Philosophy (PhD) programme is to produce scholars who can lead the development and dissemination of knowledge as leader in research and teaching as well as services for the society.

Master of Philosophy (MPhil)

The goal of Master of Philosophy (MPhil) is to produce highly educated and skilled graduates in their own research fields, as well as engaging in scientific activities to generate new knowledge and application that fulfill the needs of an informed society.

Study Fees

Master of Philosophy

Area of Specialization:

1. Arts
2. Science
3. Power Energy
4. Photonics
5. Ocean and Earth Science

LOCAL

FROM RM 12,900
TO RM 15,300

INTERNATIONAL

FROM 37,300
TO RM 42,600

Doctor of Philosophy

Area of Specialization:

1. Arts
2. Science
3. Power Energy
4. Photonics
5. Ocean and Earth Science

LOCAL

FROM RM 18,600
TO RM 25,900

INTERNATIONAL

FROM RM 53,500
TO RM 71,300

Source: https://study.um.edu.my/download-brochures

ACADEMIC CALENDAR FOR 2022/2023 ACADEMIC SESSION (HIGHER DEGREE LEVEL)

SEMESTER I				
Course Registration (Module) *(Refer Registration Schedule at https://umsitsguide.um.edu.my/)*		19.09.2022	-	30.09.2022
Lectures	7 weeks*	10.10.2022	-	27.11.2022
Mid-Semester I Break	1 week	28.11.2022	-	04.12.2022
Lectures	7 weeks*	05.12.2022	-	22.01.2023
Revision Week	1 week*	23.01.2023	-	29.01.2023
Semester I Final Examination	2 weeks*	30.01.2023	-	12.02.2023
Semester Break	3 weeks*	13.02.2023	-	05.03.2023
	22 weeks			

ACADEMIC CALENDAR FOR 2022/2023 ACADEMIC SESSION (HIGHER DEGREE LEVEL)

SEMESTER II				
Course Registration (Module) *(Refer Registration Schedule at https://umsitsguide.um.edu.my/)*		06.03.2023	-	20.03.2023
Lectures	7 weeks*	27.03.2023	-	14.05.2023
Mid-Semester II Break	1 week	15.05.2023	-	21.05.2023
Lectures	7 weeks*	22.05.2023	-	09.07.2023
Revision Week	1 week	10.07.2023	-	16.07.2023
Semester II Final Examination	2 weeks*	17.07.2023	-	30.07.2023
	18 weeks			

PUBLIC HOLIDAYS AND FESTIVE HOLIDAYS FOR 2022/2023 ACADEMIC SESSION

* The Academic Calendar has taken into account public and festive holidays.

Maulidur Rasul (9 October 2022)
Deepavali (24 October 2022)
Christmas Day (25 December 2022)
New Year (1 January 2023)
Chinese New Year (22 & 23 January 2023)
Federal Territory Day (1 February 2023)
Thaipusam (4 February 2023)
Nuzul Al-Quran (8 April 2023)

Eidul Fitri (22 & 23 April 2023)
Labour Day (1 May 2023)
Wesak Day (4 May 2023)
His Majesty's King's Birthday (5 June 2023)
Eidul Adha (29 June 2023)
Awal Muharam (19 July 2023)
National Day (31 August 2023)
Malaysia Day (16 September 2023)

Academic Policies

https://umsitsguide.um.edu.my/

Renewal of Candidature (Registration)

Any candidate who fails to register continuously for a duration of two (2) semesters with the University ceases to be a student and the student's name will be dropped from the register of students of the University.

Failing out and Termination of Candidature

1. Failing the candidature defence 2 times
2. Non-satisfactory progress report 2 semesters in a row
3. Failing the dissertation/thesis
4. Failure to complete the programme requirements within the maximum time frame

UNIVERSITI MALAYA

INSTITUTE FOR ADVANCED STUDIES

Semester 1, October Intake

INSTITUTE FOR **ADVANCED STUDIES**

ias.um.edu.my

Course Type : **Coursework** (1 Programme)

SCWHQAFTCV02	Master of Renewable Energy

Course Type : **Research** (2 Programmes)

SRSHMAFTCV05	Master of Philosophy
KRSHVAFTCV06	Doctor of Philosophy

Additional Entry Requirements

*Offers **extensive focused and interdisciplinary research areas of the arts and the sciences.**

*Inclination towards: **Photonics, Power and Energy, Nanotechnology and Catalysis, Ocean and Earth Sciences, Tropical Infectious Diseases, Biotechnology and Agriculture.**

English Language Requirement

(1) Band 5.5 ≥ IELTS Academic
(2) Score 550 (PBT) / 213 (CBT) / 80 (IBT) in TOEFL
(3) Band 4 ≥ MUET
(4) Score 42 ≥ PTE Academic
(5) Grade C ≥ English Language in A Level, Univ. of Cambridge
(6) Grade C ≥ Cambridge Assessment English: First (FCE)
(7) Grade C ≥ Cambridge Assessment English: First CAE
(8) Grade C ≥ Cambridge Assessment English: First (CPE).

Master of Philosophy (MPhil)

General Information

The Master of Philosophy (M.Phil) is conducted purely based on individual supervised research and the candidates will carry out research in their areas of specialisation. In most fields, the Masters is considered the pinnacle of academic achievement and the Master of Philosophy is testament to the candidate's academic excellence and ability. At the end of the MPhil study, a dissertation must be submitted and upon a successful defence of the dissertation, the candidate will be awarded a Master degree.

Admission Requirements

To be admitted to a Master 's programme, applicants are required to have a completed and recognised degree in a relevant discipline and to have obtained a better than average cumulative grade point average (CGPA).

The minimum requirements for admission into the MPhil programme are :

- A Bachelor's Degree (Hons.) or its equivalent in the related field*; or
- Other qualifications approved by the University Senate.

International applicants are required to have:

• At least IELTS Band 5 (Academic) or TOEFL score of 550 (paper based) / 213 (computer based) / 80 (Internet based) if their first degree is from a university where English is not the medium of instruction.

*Note

Preference will be given to applicants having a Bachelor's Degree with CGPA 3.0 and above or its equivalent.

Applicants having a Bachelor's Degree with CGPA of 3.7 and above can apply directly for the Doctoral of Philosophy (PhD)

Mode of Study

Research

Duration of Study

*Minimum: 2 Semesters

*Maximum: 8 Semesters

Programme Structure

- The Master of Philosophy Programme leads to the submission of a thesis.
- Candidates are required to take Research Methodology course in the first year of study.

Intake

Application and admission are open throughout the year.

*Note

The minimum and maximum duration of a programme of study according to the mode of study may vary from the stated above and is subjected to the approval by the Ministry of Education Malaysia.

Master of Philosophy (MPhil) - Cont...

Candidature Requirements

1. pass at least 3 credits of Advanced Research Methodology course (HVX8001) not later than the second (2nd) semester of candidature;
2. fulfil attendance requirements for the University Bahasa Malaysia course not later than the second (2nd) semester of candidature; (for international candidate only)
3. present your research proposal at Proposal Defence not later than the second (2nd) semester of candidature;
4. present your research progress at Candidature Defence not later than the third (3rd) semester of candidature;
5. show proof of acceptance for publication as per the following (according to the criteria set in the publication guidelines), prior to graduation:

    - at least one (1) article in journals indexed by Thomson Reuters Web of Science (WoS) or;

    - at least one (1) book published by publishers listed in the Thomson Reuters Web of Science (WoS) Master Book List or by Universiti Malaya Press or Dewan Bahasa dan Pustaka or any publishers recognised by the Faculty;

or;

- at least one (1) publication in Category A or B refereed journals, or book chapters as follows:

    - Articles in Category A journals:

      Journals indexed in the Scopus citation database

    - Articles in Category B journals:

      Journals published by University or scholarly publishers or listed in MyJurnal (Malaysian Journal Management System). (List of Category B journals must be listed and recognised by the Faculty)

    - Book chapters in different books:

      Book chapters published by publishers listed in the Thomson Reuters Web of Science (WoS) Master Book List, or by Universiti Malaya Press or Dewan Bahasa dan Pustaka or any publishers listed and recognised by the Faculty. Two (2) book chapters in different books are equivalent to one (1) publication;

6. fulfil the residential requirement for at least one (1) semester.

Graduate on Time (Schedule)

4 Semesters / 24 months

Programme Learning Outcome (PLO)

PLO 1 : Demonstrate a systematic understanding of knowledge by identifying problems and insights of the study in the field of research conducted.

PLO 2 : Apply appropriate research methodology and design.

PLO 3 : Publish knowledge in the field of research conducted to benefit the community, as well as sensitive to the role and responsibility of supporting needs of informed society.

PLO 4 : Conduct research with minimal supervision and adhere to legal, ethical and code of professional practice.

PLO 5 : Communicate research findings effectively, orally and in writing, to audiences and scientific publication in their respective fields of research.

PLO 6 : Evaluate research findings using scientific methods and critical thinking skills.

PLO 7 : Engage in information management and continuous learning activities.

HMX7001 Research Methodology Course

Course Description

A MPhil structure programme in IAS required the MPhil candidates to pass one compulsory course which is the Research Methodology (HMX7001) not later than second semester of the candidature. In this course, the candidates are assessed through summative assessments such as assignment reports, quizzes, and presentations. Under this course, the students are guided through a series of topics that emphasize hands-on applications. The course provides a forum for students to learn about expectations of a Master thesis, using resources for research, applying for research funding, format for thesis writing, structuring a research design, and managing their research and supervisors. The students would also acquire skills on how to avoid plagiarism, techniques to write a literature review critically, and preparing an effective research proposal.

Learning Outcomes

At the end of the course, students are able to:

1. Develop problem statements and research questions or research hypotheses.
2. Critically analyze literature reviews based on authentic sources of information in a particular field.
3. Develop appropriate research methodologies to be used for research in a particular field.
4. Write a research proposal paper.

Evaluation & Weightage

100 % (Continous Assessment)
MPhil candidates are required to pass a research methodology course (which must encompass the broad approaches, methods and analyses in the field or discipline). Beginning of academic session 2019/2020, the research methodology course is graded (pass: B and above) and the candidate can view the course grade in the academic transcript. MPhil candidates must adhere to the programme requirements stated in the offer letter.

HMX7002 Dissertation

The MPhil thesis required the candidate to conduct research activities such as data collection, development, experiment, synthesize, analyse, manage information, and report quantitative data. MPhil programme with multidisciplinary domain incorporates quantitative and, in some cases, qualitative methods and obtained from a designed experimental framework comprising of field work, laboratory experiments, data interpretation which is used to gauge the ability of the student to apply the knowledge, skills and training gained in the MPhil programme.

A Master thesis required to be submitted by the candidate at the end of the study based on the guidelines for preparing the dissertation / thesis. The Master thesis must include a well-written report that provides a detailed description of the research work, reviewing of existing literature on the topic, process and output. General guidelines for the submission of theses can be referred to the Guidelines For The Preparation Of Research Project, Dissertation And Thesis 2017 (available on IAS website).

Graduate on Time (GOT)

Master Candidates

SEM 1 (Sep & Dec)

SEM 2 (Feb & May)

2022/2023

SEM 3 (Sep & Dec)

SEM 4 (Feb & May)

2023/2024

MPhil to PhD Conversion

Candidacy Status Conversion

Candidates for a Master of Philosophy (MPhil) programme by full-time research may be considered for the conversion of their candidacy status to a Doctor of Philosophy (PhD) programme by full-time research subject to the following conditions:

(a) The application period for change of candidacy status is between twelve (12) to fifteen (15) months from the date of commencement of registration of the MPhil program of study;

(b) Submit a written application to the Supervisor using the form as in Appendix 1;

(c) Submit one (1) research report not exceeding 6,000 words on:
(i) Introduction and scope of research;
(ii) Research objectives;
(iii) Research methods;
(iv) Research plans to lead to the PhD programmes stage.

(d) Submit research results during the study period of the MPhil programme, namely:
(i) one journal paper accepted for publication and one seminar presentation at the university, national or international level; OR

MPhil to PhD Conversion - Cont...

(ii) a patent application that is pending or has been approved and a seminar presentation at the university, national or international level;

(2) A full -time candidate must present his research results in one (1) seminar in front of a panel of evaluators consisting of two (2) experts from within or outside the University in related fields as determined by PTj.

(3) The period of nomination for the MPhil programme is taken into account in the period of study of the PhD programme by research.

(4) A full-time candidate who is approved for a change of candidacy status is required to register for a PhD programme by research not later than the second lecture week of the following semester.

(5) A full-time candidate who is approved for a change of candidacy status do not need to take the Advanced Research Methodology course at the PhD programme level.

(6) A full-time candidate who is approved for a change of candidacy status shall meet the requirements of the graduation requirements including the publication requirements for the PhD programme by research.

Source: https://ias.um.edu.my/downloadable-formubheading

Doctor of Philosophy (PhD)

General Information

The Doctor of Philosophy (PhD) is the highest degree awarded by the University.
It requires the conduct of an original research project, writing and defense of a thesis.

Admission Requirements

To be admitted to a Doctorate 's programme, applicants are required to have a completed and recognized degree in a relevant discipline and to have obtained a better than average cumulative grade point average (CGPA).

The minimum requirements for admission into the PhD programme are :

- a Bachelor's degree in the relevant field; and
- a Master's degree in the relevant field; or
- Other qualifications approved by the University Senate.

Applicant having a Bachelor's degree with a CGPA of 3.7 and above, may also be considered for direct admission to the PhD programme.
International applicants are required to have:

- At least IELTS Band 5 (Academic) or TOEFL score of 550 (paper based) / 213 (computer based) / 80 (Internet based) if their first degree is from a university where English is not the medium of instruction.

Mode of Study

Research

Duration of Study

*Minimum: 4 Semesters
*Maximum: 12 Semesters

Programme Structure

- The PhD degree is offered by research mode only leading to the submission of a thesis.
- Candidates are required to take Advanced Research Methodology course during the first year of studies.

Intake

Application and admission are open throughout the year.

*Note
The minimum and maximum duration of a programme of study according to the mode of study may vary from the stated above and is subjected to the approval by the Ministry of Education Malaysia.

Doctor of Philosophy (PhD) - Cont...

Candidature Requirements

1. pass at least 3 credits of Research Methodology Course not later than the second (2nd) semester of candidature;
2. fulfil attendance requirements for the University Bahasa Malaysia course not later than the second (2nd) semester of candidature; (for international candidate only)
3. present your research proposal at Proposal Defence not later than the second (2nd) semester of candidature;
4. present your research progress at PhD Confirmation Defence not later than the third (3rd) semester of candidature; (for Fast track candidate only)
5. present your research progress at Candidature Defence not later than the fifth (5th) semester of candidature;
6. present your research progress at Thesis Seminar before the submission of thesis for examination;
7. show proof of acceptance for publication as per the following (according to the criteria set in the publication guidelines), prior to graduation:

    - at least two (2) articles in journals indexed by Thomson Reuters Web of Science (WoS) or;

    - at least two (2) book published by publishers listed in the Thomson Reuters Web of Science (WoS) Master Book List or by Universiti Malaya Press or Dewan Bahasa dan Pustaka or any publishers recognised by the Faculty;

or;

- at least two (2) publication in Category A or B refereed journals, or book chapters as follows:
    - Articles in Category A journals:

      Journals indexed in the Scopus citation database

    - Articles in Category B journals:

      Journals published by University or scholarly publishers or listed in MyJurnal (Malaysian Journal Management System). (List of Category B journals must be listed and recognized by the Faculty)

    - Book chapters in different books:

      Book chapters published by publishers listed in the Thomson Reuters Web of Science (WoS) Master Book List, or by Universiti Malaya Press or Dewan Bahasa dan Pustaka or any publishers listed and recognised by the Faculty. Two (2) book chapters in different books are equivalent to one (1) publication;

8. fulfil the residential requirement for at least one (1) semester.

Graduate on Time (Schedule)

7 Semesters / 42 months

Programme Learning Outcome (PLO)

PLO 1 : Synthesize and contribute knowledge in their respective field of research.

PLO 2 : Adapt practical skills and appropriate research methods towards innovative research.

PLO 3 : Disseminate the importance and implications of research in national and international context.

PLO 4 : Conduct independent research and adhere to legal, ethical and / or code of professional practice.

PLO 5: Demonstrate leadership quality through effective communication and collaboration among researchers and stakeholders.

PLO 6 : Address research issues using critical thinking, problem solving and / or appropriate scientific skills.

PLO 7 : Integrate information for lifelong learning.

HVX8001 Advanced Research Methodology Course

Course Description

Topics included are: nature of research in the selected research topics; major considerations and tasks in scientific research; selecting a research project; project planning, tools and techniques for planning; review of literature; selection of research methods - qualitative, quantitative or mixed methods; writing a research proposal; data analysis and presentation of results/writing the research report.

Learning Outcomes

At the end of the course, students are able to:

1. Demonstrate extensive and comprehensive in theories, concepts, framework and research highlights and issues in selected research topics.
2. Apply appropriate research methods and analytical techniques in selected research topics.
3. Conduct original research that contributes importantly to the selected of research in ethically and professionally.
4. Evaluate achievement of research objectives, research questions/hypotheses and research findings critically, through the evaluation of conceptual and methodology and the importance of contributing to knowledge in a particular field.
5. Write in appropriate register and academic format and use recommended reference and citation styles.

Evaluation & Weightage

100 % (Continous Assessment)

HVX8002 Thesis

The PhD thesis required the candidate to conduct research activities such as data collection, development, experiment, synthesize, analyse, manage information, and report quantitative data. PhD programme with multidisciplinary domain incorporates quantitative and, in some cases, qualitative methods and obtained from a designed experimental framework comprising of field work, laboratory experiments, data interpretation which is used to gauge the ability of the student to apply the knowledge, skills and training gained in the PhD programme.

Assessment of the PhD programme begins with a research proposal. The research project must include a condensed, well-written report that provides a detailed description of the proposed research project, comprising of introduction, literature review, methodology, research objective, research questions, justification and significance of research along with its respective references. Generally, students will meet their supervisor at the beginning of their research works when formulating framework, instrument, data analysis and draft report. The candidate requires to defend their research proposal during a Proposal Defence (PD) in the second semester after completed an Advanced Research Methodology course (HVX8001), followed by a Candidature Defence (CD) during the fourth or fifth semester and thesis seminar before the viva-voce presentation.

A PhD thesis required to be submitted by the candidate at the end of the study based on the guidelines for preparing the dissertation / thesis. The PhD thesis must include a well-written report that provides a detailed description of the research work, reviewing of existing literature on the topic, process and output. General guidelines for the submission of theses can be referred to the Guidelines For The Preparation Of Research Project, Dissertation And Thesis 2021 (available on IAS website).

Graduate on Time (GOT)

Doctoral Candidates

SEM 1 (Sep & Dec) | SEM 2 (Feb & May) | SEM 3 (Sep & Dec) | SEM 4 (Feb & May) | SEM 5 (Sep & Dec) | SEM 6 (Feb & May) | SEM 7 (Sep & Dec)

2022/2023 | 2023/2024 | 2025/2026 | 2027/2028

Seminar Presentation Guidelines (MPhil & PhD)

The conduct of a candidature seminar refers to the periodic monitoring process of a candidate's research progress (for example, through progress reports or presentation of research proposals) to evaluate knowledge, critical thinking, practical, technical, professional, scientific, and problem-solving skills. The candidate's evaluation process is through a Panel of Assessors appointed by the Responsibility Centre (RC).

The candidature seminar consists of the following:

(a) Proposal Defence
(b) Confirmation Defence
(c) Candidature Defence
(d) Thesis Seminar

The Head of the RC is responsible for ensuring that this procedure is followed during the conduct of the candidature seminar.

Anyone involved in the conduct of the candidature seminar must adhere to this procedure.

Application for Thesis Seminar Presentation (PhD Candidate)

OPTION 1

{OR}

OPTION 2

Thesis Seminar Confirmation

CONFERENCE PRESENTATION

1. The candidate has presented (orally) research findings at local/international conference **(within 6 months before thesis submission).**
2. The candidate provides the proof of conference presentation (certificate of presentation / appreciation, etc.) to DD's office.

THESIS SEMINAR PRESENTATION

1. Supervisor nominates a Chairperson (senior lecturer and above) and ONE assessor (postdoc or RO is NOT allowed).
2. Supervisor(s) will arrange candidate's thesis seminar with the panel members at their convenient time.
3. Supervisor(s) send the thesis seminar evaluation form together with the attendance list conducted by the candidate to Deputy Dean's office.

DEPUTY DEAN OFFICE

1. The DD's Office will send a confirmation letter of thesis seminar to the candidate and supervisors.

Prepared By Deputy Dean's Office, INSTITUTE FOR ADVANCED STUDIES
Email: tdekan_ias@um.edu.my

Application for Proposal / Confirmation / Candidature Defence

*All applications must be submitted to Deputy Dean's office before 15th of the month**

**Applications received after the stipulated date will be carried forward to the following month*

Proposal Defense, Confirmation Defense, Candidature Defense and Thesis Seminar

STEP 1

CANDIDATE / SUPERVISOR

1. The Candidate submits a softcopy of the report* (PDF/Word format) via email.
2. The Supervisor nominates two assessors (postdoc or RO is not allowed) with complete details (name, faculty and email).

**refer to IAS website for the format of PD/CD report*

STEP 2

DEPUTY DEAN OFFICE

1. The DD's Office will send an invitation email to panel members two weeks before the online presentation.
2. Once the panel members have agreed on the suggested date, Google Meet link will be sent to the panel members, supervisors and candidate.

STEP 3

SEMINAR & RESULT ANNOUNCEMENT

1. Seminar will be conducted online using Google Meet platform (unless a physical presentation is requested by the panel members or supervisors).
2. The DD's Office will send the result of presentation to the candidate and supervisors after the seminar presentation.

Prepared By Deputy Dean's Office, INSTITUTE FOR ADVANCED STUDIES
Email: tdekan_ias@um.edu.my

UNIVERSITI MALAYA
Institute for Advanced Studies

Dissertation/Thesis Examination Process

Candidate must be in active candidature to submit dissertation/thesis and during the examination period until final submission for graduation

01 Examiners Nomination (**Supervisor**)

Supervisor nominates examiners via **MAYA** system
(shall start to nominate after candidate has passed CD)

02 JPA / LIPT Committees Meeting (**IAS**)

Names of nominated examiners and dissertation/thesis title (approved during CD) will be presented for approval

03 Letter of approval (**IAS**)

IAS Office will send title approval letter to the candidate and supervisors

04 Submission (**Candidate**)

Candidate needs to submit dissertation/thesis via **MAYA** system and submission form (softcopy) to IAS Office

05 Examination Period (**Examiners**)

Examiners are given 45 days *(not to exceed 60 days)*
Then viva-voce schedule will be arranged within 2 weeks

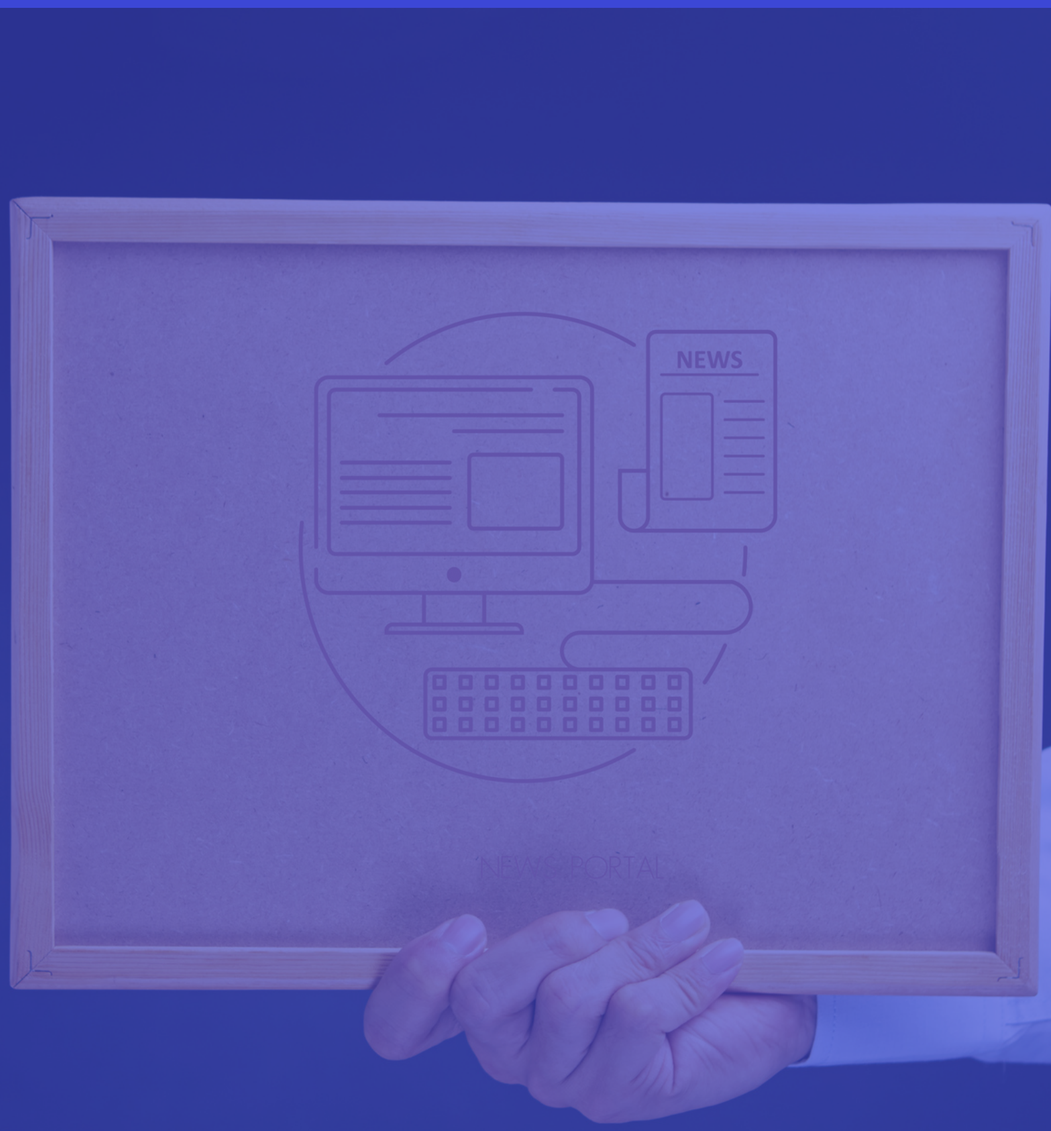
Supervision Policy of Postgraduate Candidates at the Universiti Malaya Online Portal

A more convenient online process

Go to > https://ias.um.edu.my/

Choose > https://ias.um.edu.my/downloadable-form

Click > Application of Appointment / Change for Supervisor / Consultant



Submission

Other related documents:

https://ias.um.edu.my/downloadable-form -> Thesis Submission / Examination

1. Thesis Submission Form
2. Final Thesis Submission Form
3. Thesis or Dissertation Correction Report Form
4. Repository Form
5. APA Guidelines (UM Library)
6. IAS Declaration Form 2020 List of Publication MPhil Accepted
7. IAS Declaration Form 2020 List Publication PhD Accepted
8. Guidelines for Publication in Fulfilment of Graduation Requirement for Postgraduate Candidates

Plagiarism

The University views plagiarism as a serious offence. Hence, in an effort to ensure the quality and originality of research and publication, students are expected to adhere to the rules and guideline in the Handbook on how to avoid plagiarism. The University encourages all written work to be screened for plagiarism using the Turnitin software. Depending on the extent of plagiarism, students found guilty of this academic misconduct will be subjected to disciplinary action which ranges from a warning to expulsion from the University. All UM students have a Turnitin account through the UM Library account.

The plagiarism policy is clearly stated in the UMGSB Research Project Handbook. Plagiarism is a serious academic offence that is defined as being liars, insecure, dishonest and disrespectful in research practice. Plagiarism occurs when the idea of another person is taken without reference to its source.

To avoid plagiarism, Final Report submitted by the student for the purposes of examination shall NOT exceed 25% of the total similarity index as provided by Turnitin. The supervisor should verify and endorse the Turnitin report to be submitted together with the Final Report for examination.

In case plagiarism is detected in a Research Project sent for examination to the assessor, Special Committee will be setup to investigate and hearings will be conducted to decide on the disciplinary action to be taken against the student. Disciplinary action could range from minimum (repeat the Research Project with a new topic) to maximum (termination of the student from the Master's degree). Should second offence is detected, the student will be terminated automatically from the Master's degree programme.

Your Research Journey:step-by-step

1

Consider

Consider which research degree best suits your ambitions.

2

Review

Review our research groups and academic staff profiles online and consider whether their specialisms are a good intellectual fit with yours

3

Refine

Refine your MPhil/PhD research idea/project title so that it's clear to the potential academic school or research institute what area you are hoping to specialise in. Or search for a pre-defined MPhil/PhD studentship project.

4

Check

Check if you need to either contact a potential supervisor first or submit a research proposal without identifying a supervisor (for non-funded PhDs).

5

Apply

Apply online. We accept applications throughout the year for non-funded PhDs. Funded PhDs (or studentships) have specific closing dates.

IAS Facilities @IGS Building

01

02

03

04

IAS Facilities @UMPEDAC

A Brief Background About The Universiti Malaya Energy Dedicated Advanced Centre (UMPEDAC)

In 2000, UMPEDAC was set up by a small group of researchers as Centre of Research for Power Electronics, Automation, Control, and Communications. In 2004, this research centre was officially established under the Centre for Research of the Faculty of Engineering (CReFE) as University of Malaya's Power Electronics, Drives, Automation, and Control Centre. In conjunction with the development of the niche, experts and infrastructures, on 28 July 2011, the name was again changed to UM Power Energy Dedicated Advanced Centre, retaining the UMPEDAC acronym.

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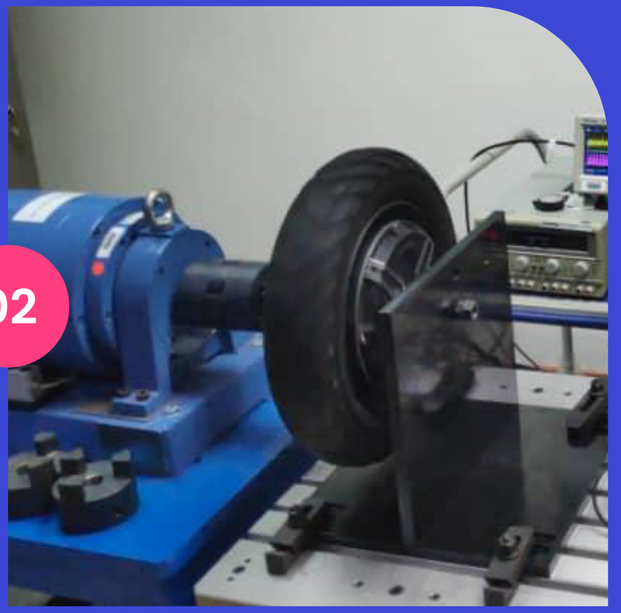


03

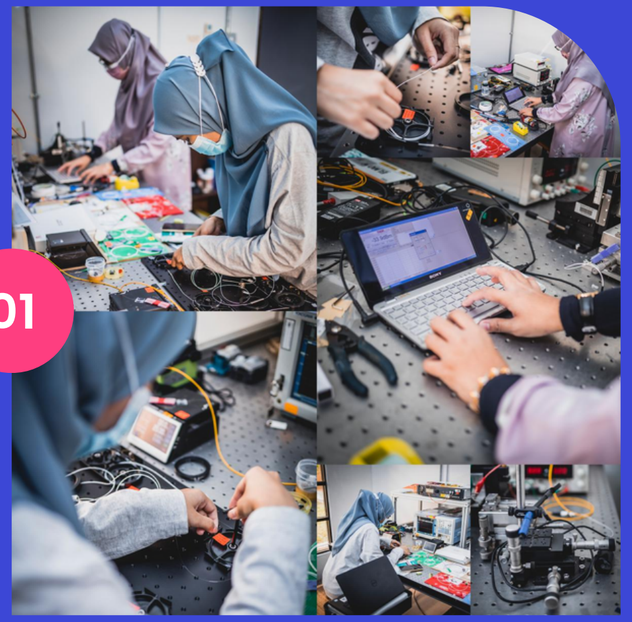
04

IAS Facilities @PRCUM

A Brief Background About The Photonic Research Centre Universiti Malaya (PRCUM)

PRCUM was established in the year 1979 as Laser Laboratory by Prof. Tan Beng Cheok. In conducting laser research, the laboratory employs multiple lasers and associated optical systems. Lasers available are Ruby lasers, Nd:YAG lasers, Ti:Sapphire lasers, diode lasers as well as liquid dye and polymer based dye lasers. In addition to these, considerable efforts are spent in the development of gas lasers such as CO2, N2 and excimer lasers. Most of these lasers were developed in house, with the collaboration of students supervised by Low Kum Sang and Harith Ahmad, the two lead researchers at that time.

01



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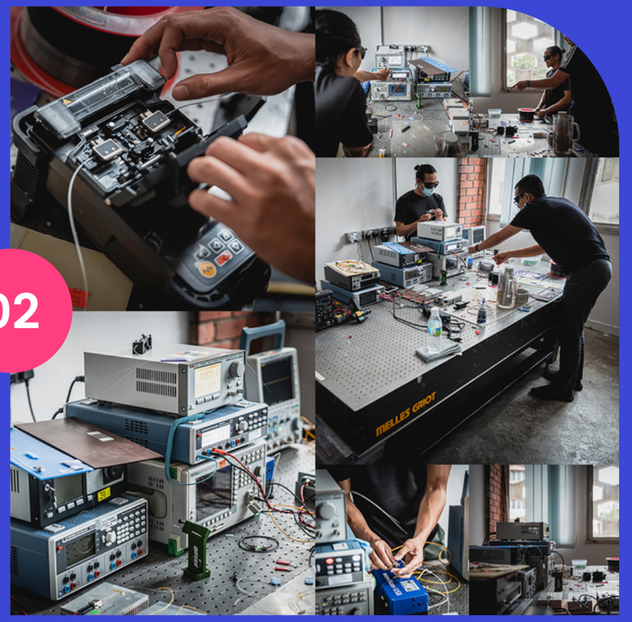

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04

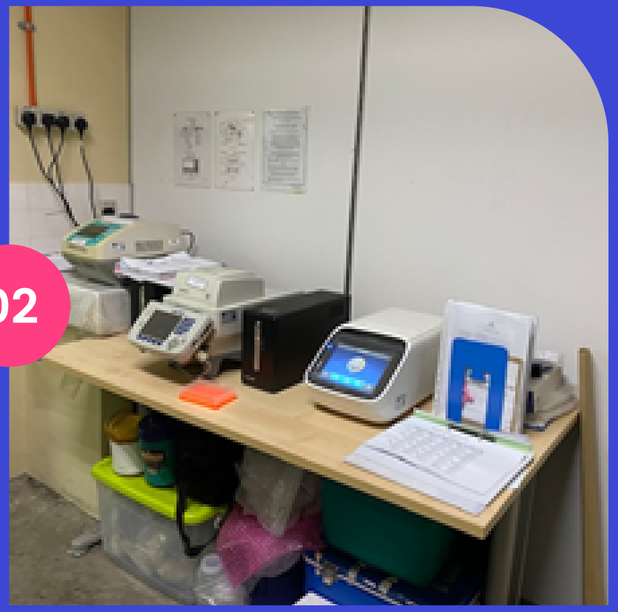
IAS Facilities @IOES

A Brief Background About The Institute of Ocean and Earth Sciences (IOES)

The Institute of Ocean and Earth Sciences (IOES) University of Malaya has its roots in the University of Malaya Maritime Research Centre (UMMReC) which was established in 2003 in response to the national call for more concerted research in the marine sciences, considering the importance of Malaysia's abundant marine heritage as well as to coordinate and lead all research activities and consultancies in marine and maritime research at the University of Malaya. The Institute of Ocean and Earth Sciences (IOES), University of Malaya, was approved by the University of Malaya Management on 23 October 2007, and officially launched on 17 January 2008.

01

02



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04

IAS Facilities @TIDREC

A Brief Background About The Tropical Infectious Diseases Research & Education Centre (TIDREC)

TIDREC serves as a focal point for national and international collaborative research for academic institutions and research industries in Malaysia. At present, TIDREC's local research partners include Malaysia Genome Institute, Universiti Sains Malaysia, Universiti Teknologi MARA, Universiti Putra Malaysia and the Monash University Sunway Campus. TIDREC's international research collaborators include the U.S. Naval Medical Research Unit 2 (NAMRU-2), the Baylor College of Medicine, Houston, Texas, the National Cheng Kung University, Taiwan, the University of Texas at San Antonio, Texas and all the ICRES and DengueTools participating institutions. The centre also houses the WHO Collaborating Centre for Arbovirus Reference & Research.

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IAS Facilities @CEBAR

A Brief Background About The Centre for Research in Biotechnology for Agriculture (CEBAR)

The Centre for Research in Biotechnology for Agriculture (CEBAR) is a Centre of Research Excellence at the University of Malaya (UM). CEBAR pursues multidisciplinary research leveraging Malaysia's mega biodiversity to support a sustainable agricultural bioeconomy. CEBAR was established in 2005 in recognition of the need to strengthen the agricultural biosecurity scientific capacity of Malaysia.

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IAS Facilities @NANOCAT

01

02

A Brief Background About The Nanotechnology and Catalysis Research Centre (NANOCAT)

NANOCAT was established is to be a world leader in catalysis and nanotchnology coining sustainability and green technology. NANOCAT research thrist is deploying catalysis to support energy, chemical synthesis, environment pollution and global warming mitigation as well as designing smart materials as catalyst, sensor, nanocoating and nanocomposites. NANOCAT witnessed a pronounced explosion in its productivities in all aspects including numbers of postgraduate students, grant recieved, consutancy, publication, pattern/copyright and etc.

03

04

IAS Activities

UMPH Special Forum
Planetary Health Education
Agenda: Healthier Planet for All

Let's Rock @ Rimba Ilmu
Healthier Planet for All

IAS Activities

Webinar Global Health and Climate Risk

Webinar sustaining Natural Resources Management

IAS Activities

BENEFITS

- platform for the UM PG students to interact with one another
- strengthening of interprofessional and collegial relationship
- development of research network and research identity
- strengthening of research, writing and publishing skills

Date of Establishment I 25 May 2022
(Approved by the Vice-Chancellor, UM)

Official Launch by
Prof. Ir. Dr. Shaliza Ibrahim
Deputy Vice-Chancellor (Research & Innovation)
in conjunction with Let's Celebrate Our Graduates I
Meet & Greet Our Team on 1 Jun 2022

UM Journal Club @ IAS
Institute for Advanced Studies
50603 Universiti Malaya Kuala Lumpur
Email: umjournalclub@um.edu.my

UNIVERSITI MALAYA

UM JOURNAL CLUB @ IAS
Quick Facts (UMJC Memberships)

Call out for UMJC Members 18 July 2022 - 5 August 2022

Total Registered Members (14.9.2022) 296

Composition
Malaysian (182) Non-Malaysian (114)
Study Level PhD (284) Master (112) [Mode MR (52) MM (20) CW (40)]

Breakdown by Faculty

Faculty of Education (40)
Institute for Advanced Studies (31)
Faculty of Science (25)
Faculty of Business & Economics (24)
Faculty of Arts & Social Sciences (21)
Faculty of Medicine (19)
Faculty of Computer Science & IT (15)
Faculty of Languages & Linguistics (15)
Faculty of Dentistry (14)
Faculty of Engineering (13)
Faculty of Built Environment (11)
Faculty of Law (9)
Academy of Islamic Studies (8)
Academy of Malay Studies (5)
Faculty of Creative Arts (3)
Centre for Sport & Exercise Science (1)
Faculty of Pharmacy (1)

UM Journal Club

IAS Activities

Site Visit to IAS Eco- Rock Garden

IAS Activities

Site Visit to IAS Eco- Rock Garden

IAS Activities

We proud to host Distinguished Professor Dr. Suresh Bhargava, AM from RMIT University for our MPhil and PhD Curriculum Review Exercise from 24 - 28 Sep 2022.

IAS Activities

UM Planetary Health Briefing

In line with the government's direction for a National Planetary Health Action Plan, we aim to:

- raise awareness about the power of and critical need for Planetary Health.
- inspire our community to create, restore, steward and conserve health ecosystems for a thriving human civilization.
- guide the education of our citizens, practitioners and professionals who are able and willing to address the complex Planetary Health challenges of our world today.

UM Planetary Health Briefing cont'

Many of our best efforts today remained siloed, fragmented, or rivalrous, however this initiative will take all of us to achieve Planetary Health.

We envisage that Planetary Health education will contribute to the positive outcomes for the biosphere, overcoming the Planetary Health challenges before us.

We invite Policymakers, Politicians, Activists, Educators, Researchers, Librarians, Professionals, Administrators and Students as well as the public community to join us and contribute to the program.

UMPH Speakers

UMPH Main Commitee

Advisor
Prof. Ir. Dr. Shaliza Ibrahim
Deputy Vice Chancellor (Research & Innovation)

Chairperson
Prof. Dr. Abrizah Abdullah
Institute for Advanced Studies

UMPH Coordinator
Dr. Fong Chng Saun
Institute for Advanced Studies

Secretariat
Siti Salwati Fadzli (Leader)
Institute for Advanced Studies

Nurul Hazween Abu Bakar
Institute for Advanced Studies

Maizatul Ezzatty Mokhtar
Institute for Advanced Studies

Nirmala Kandasamy
Institute for Advanced Studies

Siti Hajah Jaafar
Institute for Advanced Studies

Nur Hidayah Sahbudin
Institute for Advanced Studies

Promotion & Publicity
Assoc. Prof. Dr. Nahrizul Adib Kadri
Corporate Communications Office

Program & Event
Dr. Song Sze Looi
Institute for Advanced Studies

Sponsorship
Dr. Adibi Rahiman Mohd Nor
Institute for Advanced Studies

Partnership
Dr. Tan Hsiao Wei
Institute of Research Management & Services

Special Tasks & Logistic
Siti Salwati Fadzli
Institute for Advanced Studies

Multimedia & Technical
Muhammad Aminuddin Razali (Leader)
IT Department

Alif Farkhan Mohd Shariff
Institute for Advanced Studies

Scientific Advisors
Prof. Dr. Noorsaadah Abd Rahman (Leader)
Institute for Advanced Studies

Prof. Dr. Rofina Yasmin Othman
Institute for Advanced Studies

Prof. Dr. Norzulaani Khalid
Institute for Advanced Studies

Emeritus Prof. Dr. Phang Siew Moi
Institute of Ocean and Earth Sciences

Prof. Dr. Nik Meriam Nik Sulaiman
UM Sustainability and Development Centre

Prof. Dr. Victor Hoe Abdullah
Faculty of Medicine

Prof. Dr. Sumiani Yusoff
Institute of Ocean and Earth Sciences

Prof. Dr. Noran Naqiah Mohd Hairi
Health and Wellbeing Research Cluster

Academic Program
Assoc. Prof. Dr. Siti Hafizah Ab Hamid (Leader)
Institute for Advanced Studies

Dr. Fong Chng Saun
Institute for Advanced Studies

Assoc. Prof. Dr. Zeeda Fatima Ibrahim
UM Sustainability & Development Centre

Assoc Prof. Dr. Goh Hong Ching
Faculty of Built Environment

Dr. Tharani Loganathan
Faculty of Medicine

Dr. Sheeba Nettukandy Chenoli
Faculty of Arts and Social Sciences

Publication
Dr. Fong Chng Saun
Institute for Advanced Studies

Special Project
Dr. Yong Kien Thai (Leader)
Rimba Ilmu Botanic Garden

Muhammad Khairul Anuar Senin
UMCARES - The Community & Sustainability Centre

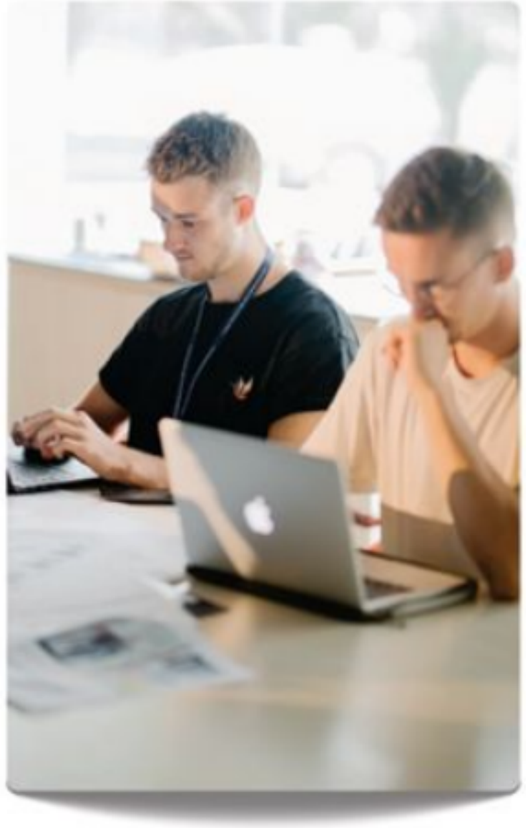
The Flag Bearer of Malaysia

(as of Sep 2022)

QS WORLD UNIVERSITY RANKINGS **70**

QS UNIVERSITY RANKINGS ASIA **8**

THE WORLD UNIVERSITY RANKINGS ASIA **55**



UI GreenMetric World University Ranking **32**

QS World University Rankings 2022

Top Malaysian universities in the QS World University Rankings 2023

University	2021 rank	2022 rank
Universiti Malaya	65	70
Universiti Putra Malaysia	143	123
Universiti Kebangsaan Malaysia	144	129
Universiti Sains Malaysia	147	143
Universiti Teknologi Malaysia	191=	203
Taylor's University	332=	284=
UCSI University	347=	284=
Universiti Teknologi Petronas	414=	361
Universiti Utara Malaysia	511-520	481
Management and Science University	601-650	601-650
Sunway University	651-700	601-650

Note: = sign denotes rank shared with another institution

Source: QS Quacquarelli Symonds 2004-2022
www.TopUniversities.com/

TheStar graphics

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