

# UKM POSTGRADUATE PROGRAMMES APPLICATION SESSION 2018/2019

(February 2019 Intake)



Coursework & Mixed Mode Programmes  
Application: 03 October - 14 November 2018  
Result: 03 Disember 2018

You can apply and view your result via [guest.ukm.my](http://guest.ukm.my)

## FACULTY OF MEDICINE

### DOCTOR OF PHILOSOPHY

Anatomy  
Biochemistry  
Physiology  
Public Health  
Pharmacology  
Microbiology  
Parasitology  
Tissue Engineering  
Medicine  
Medical Education  
Pathology  
Pediatrics

Mode of Study : Research  
Registration Status : Full Time & Part Time

### MASTER OF MEDICAL SCIENCE (M.Med)

Anatomy  
Biochemistry  
Physiology  
Pharmacology  
Parasitology

Mode of Study : Research / Mixed  
Registration Status : Full Time & Part Time

Microbiology  
Public Health  
Tissue Engineering  
Orthopaedics  
Pathology  
Medicine

Mode of Study: Research  
Registration Status : Full Time & Part Time

## FACULTY OF PHARMACY

### DOCTOR OF PHILOSOPHY, MASTER OF SCIENCE

Pharmacy

Mode of Study: Research  
Registration Status : Full Time & Part Time

## FACULTY OF DENTISTRY

### DOCTOR OF PHILOSOPHY,

Dentistry

Mode of Study: Research  
Registration Status : Full Time (for both Local and International candidates) & Part Time (only for local candidates)

### MASTER OF DENTAL SCIENCE

Mode of Study: Research  
Registration Status : Full Time (for both Local and International candidates) & Part Time (only for local candidates)

## FACULTY OF ISLAMIC STUDIES

### DOCTOR OF PHILOSOPHY, MASTER OF ISLAMIC STUDIES

Shariah  
Theology and Philosophy  
Arabic Studies and Islamic Civilization  
Dakwah and Leadership Studies  
Al-Qur'an and Al-Sunnah Studies

*Mode of Study: Research (Doctor of Philosophy and Master of Islamic Studies)/ Mixed Mode (Master of Islamic Studies)*  
*Registration Status : Full Time*

## FACULTY OF HEALTH SCIENCES

### DOCTOR OF PHILOSOPHY, MASTER OF HEALTH SCIENCE

Biomedical Science  
Diagnostic Imaging  
Radiotherapy  
Optometry  
Dietetic  
Nutrition  
Hearing & Speech  
Clinical Linguistics

*Mode of Study: Research*  
*Registration Status : Full Time & Part Time*

## FACULTY OF ENGINEERING AND BUILT ENVIRONMENT

### DOCTOR OF PHILOSOPHY, MASTER OF SCIENCE

Candidate may choose any area / specialization as follows:

Mechanical Engineering  
Manufacturing Engineering  
Chemical & Bioprocess Engineering  
Biochemical Engineering  
Civil Engineering  
Electrical & Electronic Engineering  
System Engineering  
Built Environment  
Architecture  
Engineering Education  
Industrial & Engineering Management

*Mode of Study: Research*  
*Registration Status : Full Time & Part Time*

## FACULTY OF LAW

### DOCTOR OF PHILOSOPHY



Child Law  
Family Law  
Islamic Criminal Law  
Islamic Commercial Law  
Constitutional Law  
Administrative Law  
Medical Law  
Law of Securities Regulation  
Insolvency Law  
Law of Sale of Goods  
Company and Partnership Law  
Labor Law and Industrial Relations  
Commercial and Consumer Law  
Environmental Law  
Contract Law  
Alternative Dispute Resolution  
Intellectual Property Law  
Banking Law  
Law of Tort  
Criminal Law  
Equity and Trust  
Gender and Law  
Public International Law  
International Economics Law

*Mode of Study: Research*  
*Registration Status : Full Time & Part Time*

### MASTER OF LAWS

Comparative Labor Law and Industrial Relations  
Child Law  
Comparative Family Law  
Islamic Financial System  
Islamic Criminal Law  
Comparative Constitutional Law  
Advanced Intellectual Property Law  
Law of Information Technology  
Law of Corporate Crime  
International Law of the Sea  
Medical Law  
Legal Research Methodology  
International Economics Law  
Advanced Company Law  
Gender and Law  
Law of Securities Regulations  
Advanced Law of Sale of Goods  
Comparative Administration Law  
International Human Rights Law  
Competition Law  
Advance International Law and Indigenous People  
Law of Migration  
International Development Law  
Advance Sport Law  
Advance Takaful Law  
Islamic Security Law  
Water Law  
Advance Evidence Law  
Insolvency Law

*Mode of Study: Research / Course Work\* & Research / Course Work\**  
*Registration Status : Full Time & Part Time*  
*\* Not all courses will be offered in the evenings and during weekends.*

## FACULTY OF EDUCATION

### DOCTOR OF PHILOSOPHY

This program is by thesis only. During the study, candidates will be guided by faculty members as a supervisor, Co-Supervisor or a member of the Graduate Supervisor committee. There are several specializations or specialized courses in the PhD program that can be chosen by the candidate based on entry requirements and qualifications. The specializations offered for the Doctor of Philosophy program are as follows:



Curriculum and Pedagogy  
Arabic Language Education  
Malay Literature Education  
Islamic Education  
Mathematics Education  
Science Education  
History Education  
Teaching English as a Second Language (TESL)  
Malay Literature in Education  
Health Education  
Management in Education  
Measurement and Evaluation in Education  
Curriculum Development  
Higher Education  
Adult Education and Life-long Learning  
Philosophy and Ethics  
Technical and Vocational Education  
Entrepreneurship Education and Organisation Leadership  
Leadership in Sport Coaching  
Coaching and Coaches Professionalism  
Economics Development Education  
Educational Psychology  
Early Childhood Education  
Learning Technology and Innovation  
Special and Inclusive Education  
Computing Education  
Educational Sociology  
Counselling  
Sports Management

*Mode of Study: Research*  
*Registration Status : Full Time & Part Time*

### DOCTOR OF HIGHER EDUCATION

*Mode of Study: Research & Coursework*  
*Registration Status : Part Time*

### MASTER OF EDUCATION

There are many specializations in the Masters that can be chosen by the candidate based on entry requirements and qualifications. Specializations offered are as follows:

Curriculum and Pedagogy  
Malay Language Education  
Islamic Education  
Teaching English as a Second Language (TESL)  
Mathematics Education  
Computer Education  
Science Education  
Business and Entrepreneurship Education  
Measurement and Evaluation  
Sports Management  
Educational Administration  
Educational Sociology  
Arabic Language Education  
Economics Education  
History Education  
Resource and Information Technology  
Pre-School Education  
Literature Education  
Special Education  
Educational Psychology

*Mode:*

**Programme A:** Research  
**Programme B:** Coursework & Thesis  
**Programme C:** Coursework

*Registration Status : Full Time & Part Time*  
*All part time lectures start from Monday to Friday.*

## FACULTY OF ECONOMICS AND MANAGEMENT

### DOCTOR OF PHILOSOPHY

Candidate may choose any specialization as follows:

#### ECONOMICS

Econometrics  
Fiscal and Monetary Economics  
Economic of Industry and International Trade  
Monetary Economics and Banking  
Islamic Economics and Finance  
Development Economics and Community  
Economics of Human Resource Development  
Agriculture Economics, Natural Resources and Environment

#### ACCOUNTING

Accountability and Management Control  
Reporting and Corporate Governance  
Taxation and Law  
Auditing and Assurance Services  
Sustainable Accounting  
Accounting Information System  
Public Sector Accounting

#### MANAGEMENT

Financial Behaviour  
Consumer Behaviour  
Organisational Behaviour  
Finance  
Services Marketing  
Internationalisation  
Supply Chain  
Operations Management  
Knowledge Management  
Risk Management  
Human Resource Management  
Islamic Banking  
Retailing

#### ENTREPRENEURSHIP

Entrepreneurship and Innovation  
International Business  
Social Business

*Mode of Study: Research*  
*Registration Status: Full Time & Part Time*  
*Lectures: During weekdays and office hours (including part-time)*

### DOCTOR OF PHILOSOPHY (ECONOMICS)

*Mode of Study: Mixed Mode (Coursework and Research)*  
*Registration Status: Full Time & Part Time*  
*Lectures: During weekdays and office hours (including part-time)*

### MASTER OF COMMERCE

#### ECONOMICS

Econometrics  
Fiscal and Monetary Economics  
Economic of Industry and International Trade  
Monetary Economics and Banking  
Islamic Economics and Finance  
Development Economics and Community  
Economics of Human Resource Development  
Agriculture Economics, Natural Resources and Environment  
Public Economics  
Monetary Economics  
Islamic Economics  
Industrial Economics  
International Economics  
Islamic Banking  
Islamic Finance

#### ACCOUNTING

Accountability and Management Control  
Reporting and Corporate Governance  
Taxation and Law  
Auditing and Assurance Services  
Sustainable Accounting  
Accounting Information System  
Public Sector Accounting

#### MANAGEMENT

Financial Behaviour  
Consumer Behaviour  
Organisational Behaviour  
Finance  
Services Marketing  
Internationalisation  
Supply Chain  
Operations Management  
Knowledge Management  
Risk Management  
Human Resource Management  
Islamic Banking  
Retailing

#### ENTREPRENEURSHIP

Entrepreneurship and Innovation  
International Business  
Social Business

*Mode of Study: Research*  
*Registration Status: Full Time & Part Time*  
*Lectures: During weekdays and office hours (including part-time)*

### MASTER IN ACCOUNTING

*Mode of Study: Coursework*  
*Registration Status: Full Time & Part Time*  
*Lectures: During weekdays and office hours (including part-time)*

### MASTER IN ECONOMICS

Modules:  
Monetary Economics  
Public Economics  
Development Economics  
Human Resource Economics  
Agricultural and Applied Economics  
Environmental and Resource Economics  
Econometrics  
Islamic Economics  
**Industrial Economic \***  
**International Economics \***  
**\* Conducted in English Language**

*Mode of Study: Coursework*  
*Registration Status: Full Time & Part Time*  
*Lectures: During weekdays and office hours (including part-time)*

### MASTER IN ISLAMIC ECONOMICS

Modules:  
**Islamic Banking\***  
**Islamic Finance\***  
**\*Conducted in Malay Language**

*Mode of Study: Coursework*  
*Registration Status: Full Time & Part Time*  
*Lectures: During weekdays and office hours (including part-time)*

### MASTER IN ENTREPRENEURSHIP AND INNOVATION

*Mode of Study: Coursework*  
*Registration Status: Full Time*  
*Lectures: During weekdays and office hours (including part-time)*



## FACULTY OF INFORMATION SCIENCE AND TECHNOLOGY

### DOCTOR OF PHILOSOPHY

Doctor of Philosophy

*Mode of Study: Research*  
*Registration Status : Full Time & Part Time*

### MASTER (MODE of STUDY: RESEARCH)

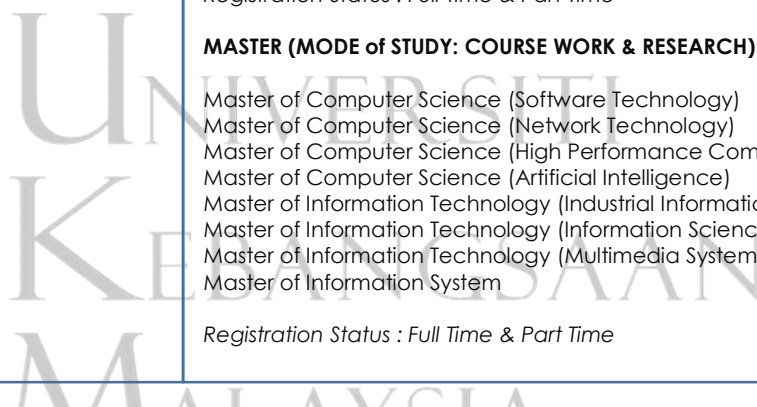
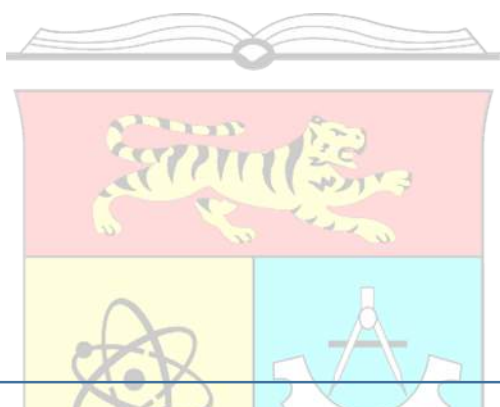
Master of Information Technology (Computer Science)  
 Master of Information Technology (Industrial Computing)  
 Master of Information Technology (Information Science)  
 Master of Information Technology (Management Information System)  
 Master of Information Technology (Artificial Intelligence)

*Registration Status : Full Time & Part Time*

### MASTER (MODE of STUDY: COURSE WORK & RESEARCH)

Master of Computer Science (Software Technology)  
 Master of Computer Science (Network Technology)  
 Master of Computer Science (High Performance Computing)  
 Master of Computer Science (Artificial Intelligence)  
 Master of Information Technology (Industrial Informatics)  
 Master of Information Technology (Information Science)  
 Master of Information Technology (Multimedia System)  
 Master of Information System

*Registration Status : Full Time & Part Time*



## FACULTY OF SCIENCE AND TECHNOLOGY

### DOCTOR OF PHILOSOPHY

Biochemistry  
 Botany  
 Genetics  
 Microbiology  
 Zoology  
 Physics  
 Materials Science  
 Nuclear Science  
 Chemistry  
 Food Science  
 Nutrition  
 Mathematics  
 Statistics  
 Quality and Productivity Improvement  
 Biology  
 Geology  
 Ocean Sciences  
 Environmental Sciences  
 Industrial Safety Management

*Mode of Study: Research*  
*Registration Status : Full Time & Part Time*

### MASTER OF SCIENCE

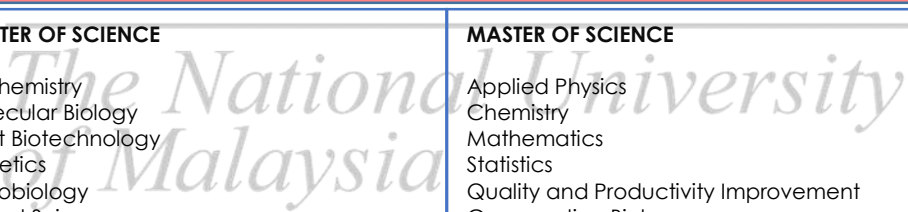
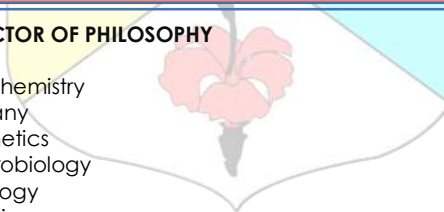
Biochemistry  
 Molecular Biology  
 Plant Biotechnology  
 Genetics  
 Microbiology  
 Animal Science  
 Physics  
 Material Science  
 Nuclear Science  
 Chemistry  
 Food Science  
 Nutrition  
 Mathematics  
 Statistics  
 Biology  
 Botany  
 Geology  
 Ocean Sciences  
 Environmental Sciences  
 Zoology  
 Plant Science

*Mode of Study: Research*  
*Registration Status : Full Time & Part Time*

### MASTER OF SCIENCE

Applied Physics  
 Chemistry  
 Mathematics  
 Statistics  
 Quality and Productivity Improvement  
 Conservation Biology  
 Entomology  
 Engineering and Environmental Geophysics  
 Engineering Geology  
 Industrial Minerals  
 Management of Plant Genetic Resources  
 Environmental Assessment and Monitoring  
 Marine Sciences  
 Plant Systematics  
 Radiation and Nuclear Safety  
 Energy Technology  
 Food Science  
 Nutrition  
 Data Science & Analytics

*Mode of Study: Course Work*  
*Registration Status : Full Time*

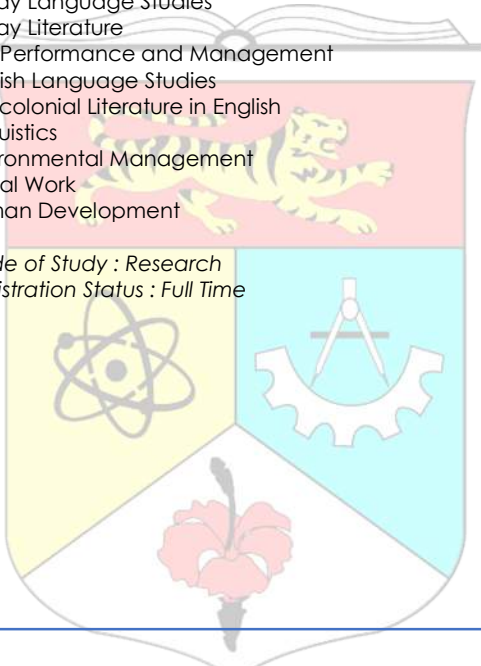


## FACULTY OF SOCIAL SCIENCES AND HUMANITIES

### DOCTOR OF PHILOSOPHY, MASTER OF PHILOSOPHY

Communication  
Anthropology and Sociology  
Geography  
Development Science  
History  
Political Science  
Strategy and Security Studies  
Psychology  
Malay Language Studies  
Malay Literature  
Arts Performance and Management  
English Language Studies  
Postcolonial Literature in English  
Linguistics  
Environmental Management  
Social Work  
Human Development

Mode of Study : Research  
Registration Status : Full Time



### MASTER OF ARTS

\*Malay Language Studies  
\*Malay Literature  
\*Arts Performance and Management  
\*Malaysian History  
English Language Studies  
Postcolonial Literature in English

Mode of Study: Course Work  
Registration Status : Full Time  
\* **Conducted in Malay Language only**

### MASTER OF SOCIAL SCIENCES

\*Anthropology and Sociology  
\*Geography  
\*Development Science  
\*Political Science  
\*Linguistics  
\*Communication Management  
\*Corruption Studies

Mode of Study: Course Work  
Registration Status : Full Time  
\* **Conducted in Malay Language only**

### MASTER IN ENVIRONMENTAL MANAGEMENT

Mode of Study: Course Work / Research  
Registration Status : Full Time  
\* **Conducted in Malay Language only**

## INSTITUTE FOR ENVIRONMENT AND DEVELOPMENT (LESTARI)

### DOCTOR OF PHILOSOPHY

### MASTER OF SCIENCE

### MASTER OF ARTS

Environment and Development  
Urban Ecosystem Management  
Environmental Conservation  
Biological Diversity Management  
Policy Study on Environment and Development  
Climatic Hazards  
Geological Hazards  
Technological Hazards  
Policy and Disaster Management

Type of Study : Research  
Registration Status : Full Time & Part Time

## INSTITUTE OF THE MALAY WORLD AND CIVILIZATION (ATMA)

### DOCTOR OF PHILOSOPHY, MASTER OF LETTERS

Malay Language, Literature & Linguistics  
Philosophy, Thought, and Malay Epistemology  
Archaeology, History and Malay Culture  
Ethno-science and Technology in the Malay World  
Education and Leadership in the Malay World  
Malay Economy and Community Development

*Mode of Study: Research*  
*Registration Status: Full Time & Part Time*



## INSTITUTE OF MALAYSIAN AND INTERNATIONAL STUDIES (IKMAS)

### DOCTOR OF PHILOSOPHY

Globalization and Development  
Development and Social Change  
Occidental Studies

### DOCTOR OF PHILOSOPHY WEST ASIAN STUDIES

Economic Development  
Politics and International Relations

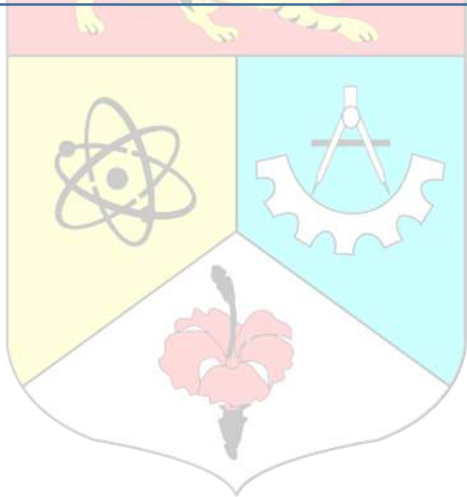
### MASTER OF PHILOSOPHY

Globalization and Development  
Development and Social Change  
Occidental Studies

### MASTER OF WEST ASIAN STUDIES

Economic Development  
Politics and International Relation

*Mode of Study: Research*  
*Registration Status : Full Time & Part Time*



## INSTITUTE OF MICROENGINEERING AND NANOELECTRONICS (IMEN)

### DOCTOR OF PHILOSOPHY (MICROENGINEERING AND NANOELECTRONICS) , MASTER OF SCIENCE (MICROENGINEERING AND NANOELECTRONICS)

Microelectronics Packaging Materials  
Nanophotonics & Photonic Technology  
Organic & Printed Electronics  
MEMS/NEMS & Nanoelectronics  
MBE Technology & RF Integrated Circuit  
Micro & Nanoelectronics Systems  
CNT-Graphene Electronics  
Sensor Technology

*Mode of Study: Research*  
*Registration Status : Full Time & Part Time*



## UKM MEDICAL MOLECULAR BIOLOGY INSTITUTE (UMBI)

### DOCTOR OF PHILOSOPHY, MASTER OF SCIENCE

Field of Study : Molecular Medicine

Specialization :

Cancer  
Communicable Disease  
Non-communicable Disease  
Stem Cell  
Microgravity Science

*Mode of Study: Research*

*Registration Status : Full Time & Part Time*

## INSTITUTE OF ISLAM HADHARI (HADHARI)

### DOCTOR OF PHILOSOPHY IN ISLAMIC CIVILIZATION MASTER OF ISLAMIC CIVILIZATION

Politics and Leadership  
Socio-Culture  
Economics and Business  
Science & Technology, Health and Environment

*Mode of Study: Research*

*Registration Status : Full Time & Part Time*

## FUEL CELL INSTITUTE (SELFUEL)

### DOCTOR OF PHILOSOPHY, MASTER OF SCIENCE

Fuel Cell Engineering  
Hydrogen Energy

### MASTER OF MANAGEMENT

Energy Management and Policy

*Mode of Study: Research*

*Registration Status : Full Time & Part Time*

## INSTITUTE OF ETHNIC STUDIES (KITA)

### DOCTOR OF PHILOSOPHY, MASTERS

Ethnic Studies

*Mode of Study: Research*

*Registration Status : Full Time & Part Time*

## SOLAR ENERGY RESEARCH INSTITUTE (SERI)

### DOCTOR OF PHILOSOPHY (RENEWABLE ENERGY) MASTER OF SCIENCE (RENEWABLE ENERGY)

*Mode of Study: Research*

*Registration Status : Full Time & Part Time*

## INSTITUTE OF SYSTEMS BIOLOGY (INBIOSIS)

### DOCTOR OF PHILOSOPHY

Systems Biology

Mode of Study : Research  
Registration Status : Full Time & Part Time

### MASTERS IN SYSTEMS BIOLOGY

Computational Biology  
In Silico Biology  
Biomolecular Sciences  
Proteome Science

Mode of Study : Research  
Registration Status : Full Time & Part Time

## INSTITUTE OF CLIMATE CHANGE (IPI)

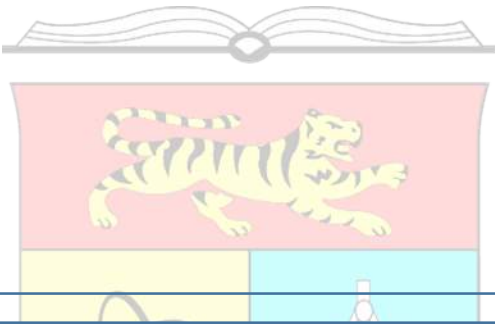
### DOCTOR OF PHILOSOPHY

Space Science  
Astronautic  
Space Management and Policy

### MASTER OF SCIENCE

Space Science  
Astronautic  
Space Management and Policy

Mode of Study: Research & Thesis Writing  
Registration Status : Full Time

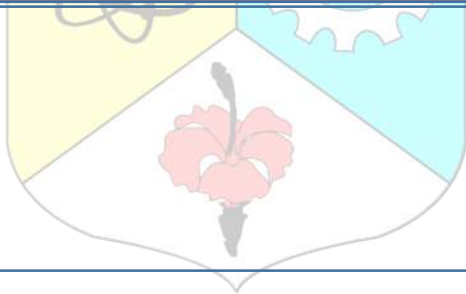


## INSTITUTE OF VISUAL INFORMATICS

### DOCTOR OF PHILOSOPHY, MASTER OF SCIENCE

Simulation and Visualisation  
HCI and Usability Engineering  
Computer Vision and Image Processing  
Visual Intelligent Data Analytics

Mode of Study: Research  
Registration Status : Full Time & Part Time



## UKM-GRADUATE SCHOOL OF BUSINESS (UKM-GSB)

### DOCTOR OF PHILOSOPHY

Management  
Finance  
Marketing

Mode of Study : Research  
Registration Status : Full Time & Part Time

### DOCTOR OF BUSINESS ADMINISTRATION

Management  
Finance  
Marketing

Mode of Study : Course work & Research  
Registration Status : Full Time

### MASTER OF BUSINESS ADMINISTRATION

Mode of Study : Course work & Research  
Registration Status : Full Time & Part Time

## ENTRY REQUIREMENTS

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### Entry requirements for Masters programme

Applicants for Masters Degree programme shall have the following qualifications:

- (a) Bachelor Degree with good Cumulative Grade Pointer Average (CGPA) from a University or any higher learning institution recognised by the Senate; or
- (b) Degree in Medical or Dentistry from a University or any higher learning institution; or degree equivalent thereto from any institution recognised by the Senate; or
- (c) other qualifications recognised by the Senate obtained by accreditation of learning based on prior experience (APEL - *Accreditation of Prior Experiential Learning*) or by recognition of prior learning (RPL – *Recognition of Prior Learning*)
- (d) fulfils other conditions specified by the programme (if relevant).

### Entry requirements for Doctorate programme

Applicants for Doctorate programme shall have the following qualifications:

- (a) Masters Degree from a University or any higher learning institution recognised by the Senate; or
- (b) other qualifications equivalent to Masters Degree and having other qualifications or experience recognised by the Senate; or
- (c) currently attending Masters programme under subregulation 6(1)(a) full time at Universiti Kebangsaan Malaysia and certified by the Faculty Graduate Study Committee/Graduate Management Centre to change status to Doctorate Programme with the approval of Dean of Faculty/Director of Institute; or
- (d) Bachelor Degree by obtaining excellent results from a University or any higher learning institution recognised by the Senate; or
- (d) other qualifications recognised by the Senate obtained by accreditation of learning based on prior experience (APEL - *Accreditation of Prior Experiential Learning*) or by recognition of prior learning (RPL – *Recognition of Prior Learning*); and
- (e) fulfils other conditions specified by the programme (if relevant).

## ENGLISH REQUIREMENTS

An international candidate is required to fulfill the English Language proficiency requirements as follows:

- (a) obtained TOEFL or IELTS results which fulfill the score or minimum band requirements prescribed by the programme; or
- (b) for certain programmes, a candidate is required to sit for an English Proficiency Placement Test (EPPT) and if he fails to achieve the level specified by the programme, the candidate is required to attend and pass the English Proficiency Module (EPM) in a maximum period of two (2) semesters.



#### APPLICATION

Candidates have to apply online via <http://quest.ukm.my> (Guest) starting 03<sup>rd</sup> October 2018.

The **closing date for course work and mixed mode program is on 14<sup>th</sup> November 2018.**

**The result of the application will be notified starting on 03<sup>rd</sup> Disember 2018.**

**Please note that the application for research mode programmes is open throughout the year.**

Application fee of RM30.00 (for Malaysian applicants), USD 30.00 @ MYR100 (for international applicants) must be via online payment as provided in the Guest System.

**For any enquiries, please contact :**

**Tel : 03-8911 8468/8389/8453**

**Fax : 03-8911 8471**

**E-mail : [akad@ukm.edu.my](mailto:akad@ukm.edu.my)**

UNIVERSITI

KEBANGSAAN

MALAYSIA

*The National University  
of Malaysia*