



PhD

Doctor of Philosophy

2025/2026



General Information

This handbook is designed to provide students with general information and guidance about studying in the Universiti Malaya Business School (UMBS) Programmes and should be referred to in conjunction with the Universiti Malaya's other rules and regulations.

This handbook does not supersede any of the Universiti Malaya Rules and Regulations or any other resolutions approved by the Senate from time to time.

We consider it each student's responsibility to make themselves familiar with the contents of this handbook and also the above rules and regulations. We believe that the information provided in this handbook may help you avoid any unnecessary problems.

Please do not hesitate to contact the UMBS Office if you have any questions.



ACCREDITATION

UMBS is fully accredited by the Association of MBAs (AMBA) and the Association to Advance Collegiate Schools of Business (AACSB) International. These accreditations represent the highest standard of achievement in postgraduate business education in terms of curriculum, teaching, research and facilities.

HIGH PROFILE

Networking with our high-profile group of Candidates ranging from Senior Manager to C-Level.

▶ REASONS TO STUDY AT UMBS

EXPERTISE

UMBS programmes source industrial experts to share their experience and knowledge with the students. UMBS has an international faculty with academics trained from top universities around the world.

TOP 58 RANKING

UM is ranked 58th in the QS World University Rankings 2025.

DIVERSITY

Candidates can learn from our diverse group of lecturers and visiting academics from all regions of the world. UMBS has the highest composition of international Candidates in the country from Germany, Denmark, Sweden, the United States of America, Ecuador, Iraq, Iran, Palestine, Yemen, Saudi Arabia, Jordan, Turkey, Libya, South Africa, Korea, Japan, China, India, Pakistan, Bangladesh, Indonesia, Thailand, Philippines, Singapore, Myanmar and Vietnam.

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ACADEMIC CALENDAR 2025/2026

Lampiran B2

ACADEMIC CALENDAR 2025/2026 ACADEMIC SESSION (MASTER AND DOCTORATE LEVEL) AMENDMENT				
SEMESTER I				
Orientation (<i>Week of Welcome</i>) - WOW	1	week	05.10.2025	- 12.10.2025
Lectures	6	weeks*	13.10.2025	- 23.11.2025
Mid Semester I Break	1	week	24.11.2025	- 30.11.2025
Lectures	8	weeks*	01.12.2025	- 25.01.2026
Revision Week	1	weeks*	26.01.2026	- 01.02.2026
Semester I Final Examination	3	weeks*	02.02.2026	- 22.02.2026
Semester I Break	2	week	23.02.2026	- 08.03.2026
	22	weeks		
SEMESTER II				
Lectures	7	weeks*	09.03.2026	- 26.04.2026
Mid Semester II Break	1	week	27.04.2026	- 03.05.2026
Lectures	7	weeks*	04.05.2026	- 21.06.2026
Revision Week	1	week*	22.06.2026	- 28.06.2026
Semester II Final Examination	3	weeks*	29.06.2026	- 19.07.2026
Semester II Break	4	weeks	20.07.2026	- 16.08.2026
	23	weeks		
SPECIAL SEMESTER				
Lectures	7	weeks*	27.07.2026	- 13.09.2026
Special Semester Final Examination	1	week*	14.09.2026	- 20.09.2026
Special Semester Break	1	week	21.09.2026	- 28.09.2026
	9	weeks		

Notes:

(1) The Module Registration and Examination Schedule can be referred to at <https://umsitsguide.um.edu.my>. All information is subject to change.

UNIVERSITY VISION, MISSION AND CORE VALUES

Vision

A global university impacting the world.

Mission

Pushing the boundaries of knowledge and nurturing aspiring leaders.

Core Values

Passion, Oneness, Integrity, Sincerity and Empathy



FACULTY VISION, MISSION AND OBJECTIVES

Vision

A global university impacting the world.

Mission

We aspire to be the leader and preferred institution in business and accounting education by:

- Providing graduates quality education and global perspective that meet the evolving needs of various stakeholders
- Contributing to the advancement of knowledge in the area of business and accounting through quality research and publication.

Objectives

- To produce graduates who are socially responsible, knowledgeable and highly skilled in business, management and accounting.
- To explore and expand the frontiers of knowledge through teaching, research and publication.
- To establish a closer relationship and improve cooperation with the private and public sectors, as well as with other institutions of higher learning – local and international

THE ESTABLISHMENT OF FACULTY OF BUSINESS AND ECONOMICS



Business education in the Universiti Malaya dates back to 1966 when the Faculty of Economics and Administration first offered business and accounting courses.

In line with the growing demand for business and economics programmes, the Universiti Malaya, Faculty of Business and Economics (FBEC) was subsequently established on 6th September 2021 (a merger of three faculties namely, Faculty of Business and Accountancy - FBA, Faculty of Economics and Administration - FEA and International Institute Of Public Policy & Management – INPUMA) to focus on developing these programmes. However, on 1st February 2024 INPUMA has been placed under Deputy Vice-Chancellor (Academic & International) Office. FBEC strives to meet the challenges of preparing the Candidates to play a vital role in the industry and nation building. FBEC seeks to remain at the forefront of business and economics education and continues to enjoy the reputation of an excellent knowledge-based institution.

FBEC is headed by a Dean and assisted by four (4) Deputy Deans, one (1) Director, one (1) Faculty Manager and six (6) Head of Departments. The six (6) departments are Accounting, Finance, Management and Marketing, Decision Science, Economics and Political Science, Public Administration and Development Studies.

Currently, FBEC offers fifteen (15) programmes:

Postgraduate Level

- Master of Business Administration (MBA)
- Master of Management (MM)
- Master of Accounting (Reporting and Management Accountability) (MAcc)
- Master of Marketing (MMkt)
- Euro Asian MBA-MSc Programme (Dual Degree)
- Master of Economics (MEc)
- Master of Development Studies (MDS)
- Master of Public Administration (MPA)
- Master of Applied Statistics (MAS)
- Doctor of Philosophy (PhD)
- Doctor of Business Administration (DBA)

Undergraduate Level

- Bachelor of Business Administration (BBA)
- Bachelor of Accounting (BAcc)
- Bachelor of Finance (BFin)
- Bachelor of Economics (BEC)

As part of our effort to strengthen our programmes, FBEC has collaborated with various business communities and government agencies. In addition, there are several Faculty members who are affiliated with professional bodies such as the Malaysian Institute of Accountants (MIA), Malaysian Institute of Certified Public Accountants (MICPA), Association of Chartered Certified Accountants (ACCA) and Chartered Financial Analyst (CFA), Chartered Institute of Marketing (CIM)

AZMAN HASHIM BUILDING

Ambank Group Chairman Tan Sri Azman Hashim personally funded the RM25mil building project through the Yayasan Azman Hashim charitable institution to Universiti Malaya (UM). The AHB was built on the car park space opposite to the Faculty of Business and Economics (FBEC) dedicated to the postgraduate students of UMBS. The construction of the building started in November 2013 and was completed in April 2016.



The design concept was inspired by the principles of Feng Shui philosophy which aims at establishing a link with the local traditions while projecting the future, using the latest technologies. Feng Shui literally means "Wind and Water", in honour of the two elements that shape the Earth and determine the healthy characters of a place.

With a built-up area of approximately 79,501 sq ft, AHB can accommodate up to 850 postgraduate students, and houses a theatre room and a banquet, seminar rooms, discussion rooms, a trading lab, a marketing lab, computer labs, a grab and go café, a 24-hour wi-fi service and 80 parking bays.



DOCTORAL DEGREE
BY
RESEARCH

Programme Educational Objectives

The objectives of the PhD programme are to produce graduates who can:

- demonstrate the creation and interpretation of new knowledge through original and rigorous research in related fields.
- develop the ability that can contribute to developing and understanding the chosen areas.
- conceptualise, design and implement research independently and responsibly to address complex business and economics problems.
- adopt appropriate methods/techniques for research and academic enquiry.
- demonstrate collaborative and interpersonal communication skills
- commit and seek learning for continuous development

INTRODUCTION

The Universiti Malaya (UM) Doctor of Philosophy (PhD) focuses on developing professionals with higher critical thinking skills in the field of business and capable of conducting academic research.

This programme offers high-quality doctoral training to postgraduate candidates. You will be assigned an academic supervisor who will provide guidance on the formal specification of your topic, the structure and organisation of your thesis and the general direction of your research.

To assist you in the transition to independent research and to help you acquire the necessary skills, you are required to complete a Research Method course and another additional course related to your area of research.

On average, candidates would require three (3) years of study.

Programme Learning Outcomes

In line with the above goals, at the end of the programme, the graduates of PhD will be able to achieve the following programme outcomes:

- demonstrate a critical and in-depth understanding of frontier knowledge by generating substantial and original contributions to the related field adapt appropriate practical skills and research methodologies leading to innovative research;
- synthesise and integrate existing and new knowledge in one or more discipline areas to address challenges and concerns in the related field.
- design and implement advanced methodologies to resolve complex and emerging problems.
- communicate information, insights, ideas, problems and solutions cogently with experts in the field and general audience.
- build rapport to work effectively as part of a team to achieve decided outcomes.
- use suitable digital and analytical techniques to research problems.
- demonstrate intellectual leadership qualities and management skills to effectively collaborate with diverse partners.
- demonstrate commitment to lifelong learning and professional development with entrepreneurial mindset .
- perform research adhering to legal, ethical, professional and sustainable practices

PhD PROGRAMME

Entry Requirements

Applicants for the programme should possess:

- A bachelor's and master's degree in **related disciplines** as listed below with a minimum CGPA of 3.00 out of 4.00 or its equivalent from a recognised university as approved by Senate;

Business Management | Marketing | Finance | Logistics | Statistics | Information System Management | Psychology | Economics | Accounting | Operation | Public Administration Public Policy | Development Studies

- Pass the Interview and Assessment by Faculty

OR

- A master's degree (Coursework or Mixed-Mode) with a CGPA of 2.50 – 2.99 can be considered if at least one (1) of the following criteria is met;
 - At least one (1) year working experience in a related field; or
 - Publication in a related field; or
 - A scholarship holder; or
 - A government servant; or
 - A graduate of the Universiti Malaya; or
 - Pass the Interview and Assessment by Faculty

Who Should Apply?

The programme is designed for individuals who want to focus their researches on an area of interest that prepares them for careers as researchers, teachers and scholars.

Career Prospects

Doctoral graduates are highly trained specialists in their fields. Graduates may enter a career in academia or industry consultation and undertaking specialist roles as researchers, managers, analysts and consultants in the area of management, finance, banking, marketing and etc.



PROGRAMME STRUCTURE

INTRODUCTION

The minimum and maximum periods of candidature are **four (4) and twelve (12) semesters respectively**.

The design of the programme structure allows the candidates to maximise their learning and develop the skills that are essential for their research development.

Candidates are required to take and pass **TWO (2)** courses which are offered **weekdays from 6.00 to 9.00 pm** with an emphasis on quality teaching and candidate participation. The courses are a **core course** on **Research Methodology** and an **elective course** of based on their research field.

Candidates must **PASS** thesis examination and submit all related deliverables.

Any withdrawal from the semester(s) by a candidate will not be excluded from the duration of the programme.

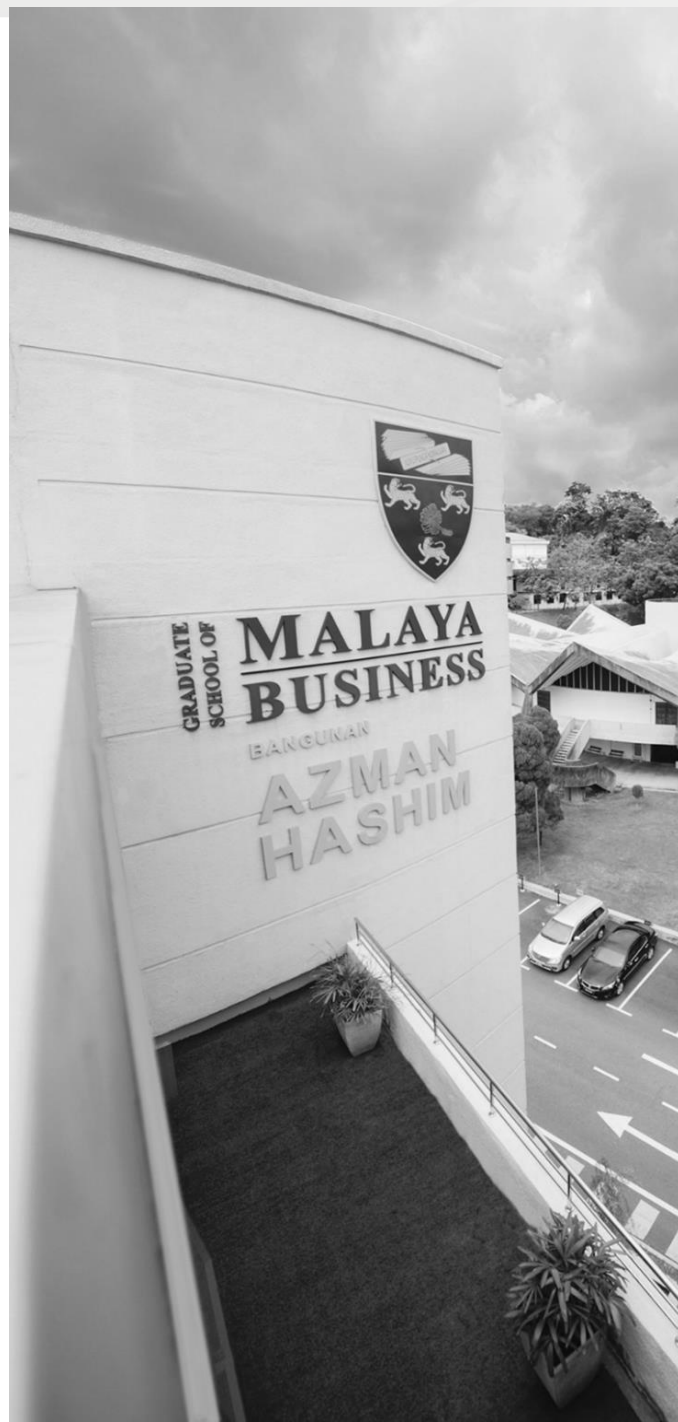


PROGRAMME STRUCTURE

Core Course

The course is designed to expose the candidates to the fundamentals of research methodology and theories and issues

COURSE CODE	COURSE NAME
AA088001	Thesis
AA088002	Research Methodology
AA088003	Theories and Issues in business and economics



PROGRAMME STRUCTURE

THESIS

Candidate must submit a doctoral thesis with minimum number of 60,000 words and NOT exceeding the maximum number of 100,000 words (footnotes, references, appendixes, tables and figures are excluded) at the end of the programme. The candidates are also required to defend the thesis in a viva-voce session.

The Faculty shall appoint at least one (1) supervisor for each candidate to guide with the thesis writing. For appointment criteria of supervisors kindly refer to the Supervision Policy for Postgraduate Candidate.

Additional Research Deliverables:

- Submit e-supervision activity to document formal supervisory meetings via MAYA Portal: <http://maya.um.edu.my>
- Submit e-Progress Report at the end of every semester via MAYA Portal: <http://maya.um.edu.my>
- Present and pass Proposal Defence latest by Semester 2.
- Present and pass Candidature Defence latest by Semester 5.
- Present and pass Thesis Seminar latest by Semester 6.
- Pass the viva (oral examination).

RESEARCH DELIVERABLES

Candidates are expected to start their research journey from the first semester of the programme. The journey starts with an acknowledgement of roles and responsibilities and a postgraduate student alongside the respective supervisors. In this respect, it is expected that ALL students complete and sign the supervisor-candidate undertaking of responsibility form which could be downloaded from: <https://adobe.ly/3CFMnNY> and to return the form to UMBS upon signing it.

Along the journey, the candidates are required to produce some deliverables that will assist them towards completing the doctoral thesis.

The deliverables are as follows:

E-Log Book

Candidates are required to complete and submit the record of their meetings with their supervisor(s) online via MAYA portal: <http://maya.um.edu.my> at the end of each meeting.

The purpose of this online supervision activity is to:

- keep records of your meetings with your supervisor(s);
- assist candidates in clearly determining the outcomes of each meeting and most importantly to plan the necessary follow-up actions that are required;
- support the self-evaluative and reflective process that is necessary while writing a thesis;
- provide evidences of that process to the Board of Examiners.

Note: It is the responsibility of each candidate to keep the e-log book up to date.

RESEARCH DELIVERABLES

E-Progress Report

Candidate are only permitted to complete and submit their e-progress report via MAYA Portal : <http://maya.um.edu.my> at the end of each semester if he/she has registered AA088001 thesis course with active status.

The candidates' respective supervisor(s) shall evaluate the candidate's research progress report in accordance with the prescribed procedures and complete the evaluation within one (1) week from the date of receipt.

Important Notes:

- *A candidate whose progress is satisfactory shall be recommended to continue with his/her candidature.*
- *A candidate who receives unsatisfactory evaluation in the e-progress report for two (2) semesters will be terminated from the programme by the University.*
- *A candidates who fail to submit the report are evaluated as unsatisfactory in their progress and shall risk termination of candidature by the University.*

RESEARCH DELIVERABLES

Proposal Defence (PD)

Candidate are only permitted to present Proposal Defence (PD) if he/she has registered AA088001 thesis course with active status.

Candidate are expected to complete a thesis proposal in a timely fashion. Candidate are required to present and pass (satisfactory) the Proposal Defence latest by Semester 2.

Candidate are required to submit five (5) copies of the complete research proposal report within 3,000-7,000 words range to the UMBS office not later than two (2) weeks before the date of the presentation. The report must include the followings:

- **Abstract (500 words in Malay and English language);**
- **Introduction, problem statement and scope of research;**
- **Research objective;**
- **Summary of literature review;**
- **Description of conceptual framework OR summary of experimental methods OR summary of research design and equipment;**
- **Importance and relevance of study;**
- **Preliminary findings / pilot test (initial findings, if any)**
- **Proposed work schedule based on the submission date of thesis/dissertation for examination;**
- **Brief bibliography : APA format; and**
- **Plagiarism report (must not exceed 20%)**

Important Note:

- *If the result of the Proposal Defence is satisfactory, the candidate may proceed with the proposed research;*
- *If the Proposal Defence is deemed unsatisfactory, the candidate is required to present the Proposal Defence again in the following semester; Failure to present in the following semester shall be deemed as failure to fulfill the deliverable.*
- *Unsatisfactory results for both attempts at Proposal Defence and poor evaluation of progress by the candidate's respective supervisor(s) for two consecutive semesters may put the candidate at risk of termination from the programme.*

RESEARCH DELIVERABLES

Candidature Defence (CD)

Candidate are only permitted to present Candidature Defence (CD) if he/she has registered AA088001 thesis course with active status and PASS all courses including Bahasa Course and PD.

Upon success of Proposal Defence, candidates are expected to present and pass (satisfactory) Candidature Defence latest by Semester 5.

Candidate are required to submit five (5) copies of the complete research progress report within 5,000-10,000 words range to the UMBS Office not later than two (2) weeks before the date of presentation, which includes the following:

- **Abstract (500 words in Malay and English);**
- **Objective and statement of problem;**
- **Importance and relevance of the study;**
- **Brief and concise literature review;**
- **Research methodology;**
- **Research findings that have been obtained at this stage;**
- **Brief and concise bibliography : APA format**
- **Research plan that leads to the submission of the dissertation/thesis for Examination;**
- **List of publications or conference papers presented during the candidature period; and**
- **Plagiarism report (must not exceed 25%)**

Important Note:

- *If Candidature Defence is deemed satisfactory, the candidate may proceed with the proposed research;*
- *If Candidature Defence is deemed unsatisfactory, the candidate is required to present the Candidature Defence again in the following semester; OR*
- *Unsatisfactory results for both attempts at Candidature Defence and poor evaluation of progress by the candidate's respective supervisor/(s) for two semesters will be terminated from the programme.*

RESEARCH DELIVERABLES

Thesis Seminar

Candidate are only permitted to present thesis seminar if he/she has registered AA088001 thesis course with active status and PASS all courses including Bahasa Course, PD and CD.

Candidate must submit presentation slides and an abstract of 500 words to UMBS Office not later than three (3) working days before the thesis seminar.

RESEARCH DELIVERABLES

Thesis Submission For Examination

Thesis Submission for Examination

Candidate are advised to take into consideration the inputs from the Thesis Seminar before finalising the thesis that is going to be submitted for examination.

The submitted thesis must follow the format of thesis set by the University and the submission must be made complete with the Submission of Thesis for Examination form with verification by supervisor(s). The word count for minimum is 60,000 words and maximum is 100,000 words (footnotes, references, appendixes, tables and figures are excluded) and plagiarism report must not exceed 20 percent. Candidate who do not fulfil the required minimum or maximum word limit shall apply with justifications for an exemption and must obtain an approval from the Faculty at least one (1) month before the date of submission of his/her thesis for examination. The thesis title must be made sure to be in accordance with the title approved by the Faculty.

The thesis must reflect original and significant research in the candidate's chosen field. It must meet high standards of scholarship as well as contribute to the body of knowledge in that field.

For the thesis submission for examination, candidate must submit five (5) printed soft bound copies to UMBS Office and soft copy through MAYA Portal. The thesis must be checked and declared by the supervisor(s), through the Head of Department/Deputy Dean/Deputy Director for examination.

RESEARCH DELIVERABLES

Thesis Submission For Examination

Thesis Submission for Examination (cont'd)

Candidate shall submit his/her thesis for examination after the title has been approved within the stipulated duration.

Candidate are only permitted to submit thesis for examination if he/she has registered AA088001 thesis course with active status and PASS all courses including Bahasa Course, PD, CD and Thesis Seminar.

Upon thesis submission for examination, candidates are no longer required to register for the following semester unless the Committee of Examiners recommends a re-examination following the Committee of Examiners' Meeting and/or Viva.

Plagiarism

Plagiarism is the act of copying or including in one's own work, without adequate acknowledgement, the work of another or your own previously assessed original work.

Candidate are responsible for ensuring that no plagiarism has taken place in all of candidates' research deliverables during the candidature.

The University's degrees and other academic awards are given in recognition of candidates' personal achievement and plagiarism is considered as an academic fraud and an offence against University discipline.

Plagiarism, at whatever stage of a candidates' course, whether discovered before or after graduation, will be investigated and dealt with appropriately by the University.

Viva Voce

Candidate shall be required to attend a viva voce with respect to his/her thesis. The Committee of Examiners has the authority to determine the method of conducting a viva voce.

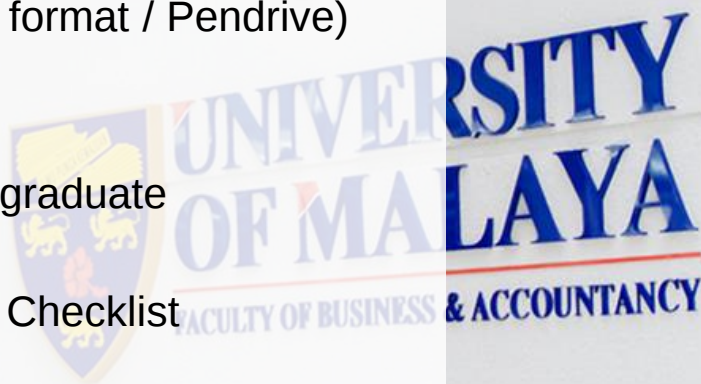
RESEARCH DELIVERABLES

Final Thesis Submission

Final Thesis Submission

The submitted thesis must follow the format of thesis set by the University and the submission must be made complete with the followings:

- Final Submission Form
- ONE (1) electronic copy (PDF format / Pendrive)
- Thesis Correction Report
- Turnitin Report
- Repository Policy for UM Postgraduate
- Publication Consent Form
- PG Candidature Requirement Checklist



RESEARCH DELIVERABLES

Publication(s)

As part of the fulfilment of graduation for the doctoral degree, candidates of this programme are required to provide proof of the publication acceptance of the following:

- **at least one (1) article in journals Indexed in Web of Science (WoS); OR**
 - (a) Science Citation Index Expanded (SCIE); or
 - (b) Social Sciences Citation Index (SSCI); or
 - (c) Arts & Humanities Citation Index (AHCI);
- **at least one (1) article in journals Indexed in Scopus (Q1/Q2); OR**
- **at least two (2) article in journals Indexed in Scopus or *Emerging Sources Citation Index (ESCI)* or *ERA Journal List (Australian Research Council)*; OR**
- **at least one (1) book published by publishers *Web of Science (WoS) Master Book List* or Penerbit Universiti Malaya or Dewan Bahasa and Pustaka or Majlis Penerbitan Ilmiah Malaysia (MAPIM) or any publishers listed and recognized by Academic Responsible Centre (PTj); OR**
- **at least two (2) publications in Book Chapter published by publishers *Web of Science (WoS) Master Book List* or Penerbit Universiti Malaya or Dewan Bahasa and Pustaka or Majlis Penerbitan Ilmiah Malaysia (MAPIM) or any publishers listed and recognized by Academic Responsible Centre (PTj). Two (2) book chapters from different books are equivalent to one (1) publication.**

STUDY PLAN

The UM academic year consists of two normal semesters and a special semester. Each of the semesters is divided into two blocks by a 1-week mid-semester break with a total of 14 learning weeks then followed by 2 weeks of examinations. The general academic year and semesters in UM are as follows:

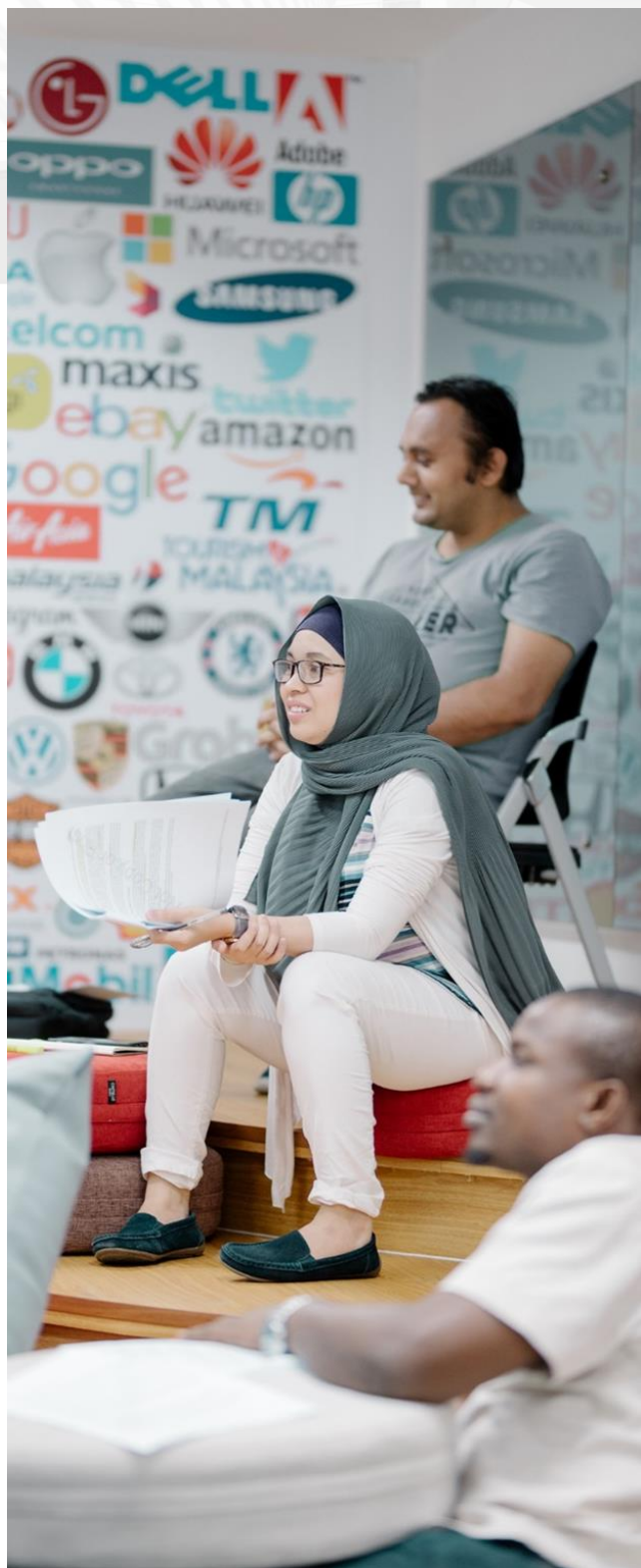
Table 2: Semesters

Semester(s)	Intake
Semester 1	October to February
Semester 2	February to June
Special Semester	July to August

Please refer to the latest academic calendar issued by Academic Service Department (ASD) : <https://aasd.um.edu.my/academic-calendar>

Below is the duration for PhD Programme:

Duration	Semester
Minimum (2 YEARS)	Four (4) Normal Semesters
Maximum (6 YEARS)	Twelve (12) Normal Semesters



STUDY PLAN

Graduating PhD in 2 Years / 4 Normal Semesters

Definition

- **“semester”** means a specific duration determined by the University in an academic session which constitutes normal semesters and special semesters.
- **“Normal Semester”** means Semester I or Semester II as provided in the Calendar of Study.

Table 3: Study Plan

SEMESTER 1			
COURSE	CODE	COURSE NAME	CREDIT
Core	AA088001	Thesis	Progressive
Core	AA088002	Research Methodology	3

SEMESTER 2			
COURSE	CODE	COURSE NAME	CREDIT
Core	AA088001	Thesis	Progressive
Core	AA088003	Theories and Issues in business and economics	3

SEMESTER 3			
COURSE	CODE	COURSE NAME	CREDIT
Core	AA088001	Thesis	Progressive

SEMESTER 4			
COURSE	CODE	COURSE NAME	CREDIT
Core	AA088001	Thesis	Progressive

SCHEDULE

Graduating PhD in 2 Years / 4 Normal Semesters

Candidate are advised to follow the following Graduate on Time (GoT) Schedule to ensure that they are able to graduate in 2 years time.

Table 4: Schedule Graduate on Time

SEMESTER	ACTIVITIES	ASSESSMENT
1	• Register and pass the required courses (based on Structure) and Language Requirement (if required) • Register the Thesis Course • Fill-up e-logbook to document formal supervisory meetings. • Complete e-progress report. • Present and pass the Proposal Defence. • Publication 1 • Data collection and analysis	Proposal Defence
2	• Register the Thesis Course • Thesis Writing. • Fill-up e-logbook to document formal supervisory meetings. • Complete e-progress report. • Present and pass the Candidature Defence. • Publication 2	Candidature Defence
3	• Register the Thesis Course • Fill-up e-logbook to document formal supervisory meetings. • Complete e-progress report. • Present the research in PhD Thesis Seminar. • Submission of Thesis for Examination	PhD Thesis Seminar
4	• Board of Examiner and Viva Voce • Correction Period	Viva Voce

A photograph of a person in profile, reading a book in a library. The person is silhouetted against a bright window. Bookshelves filled with books are visible on both sides of the window. The entire image is covered with a semi-transparent blue overlay.

Details of Courses

APPENDIX - Details of Core Courses

COURSE TITLE	THESIS
COURSE CODE	AA088001
SYNOPSIS	This course introduces students to research by providing an opportunity to conduct research in their area of specialization. The thesis should demonstrate students' ability to conduct research as well as to report their findings accurately and coherently.
LEARNING OUTCOMES	At the end of the course, candidates are able to: - demonstrate comprehensive, systematic, integrated, new, complex and abstract idea of current critical issues in the most advanced frontiers of knowledge of a field of study, discipline or practice. - critically analyse, evaluate and synthesize new, complex and abstract ideas and current critical issues in the most advanced frontiers of knowledge of a field of study/discipline/practice and refine existing concepts and practices. Solve complex, abstract and emerging contemporary issues and challenges by independently applying advanced research methods, analytical tools and skills to creatively generate new knowledge, theories, novel solutions and/or new practices within the field(s) of study/discipline/practice. Make substantial contribution through the creation of new knowledge/theories/ solutions/practice through originality and independent research, which satisfies peer reviews and international standards. - demonstrate mastery of practical, technical skills/practices and scientific skills which is at the forefront of one or more areas of specialization and to develop new complex skills or techniques and solutions to resolve new highly complex and emerging problems. Demonstrate ability to design and implement or adapt highly advanced, specialized research methodologies which is at the forefront of one or more area of specialization. - communicate effectively research findings to peers, scholarly communities and society at large in the relevant field of expertise. Work to deal with different people in learning and working communities and other groups and networks, ethically and professionally. Convey information, insights, ideas, problems and present solutions cogently/coherently to peers, scholarly community and society at large in the field of expertise. Demonstrate advanced/sophisticated leadership skills and abilities to bring effective collaboration with a diversity of partners.

APPENDIX - Details of Core Courses

COURSE TITLE	THESIS (CONT...)
COURSE CODE	AA088001
LEARNING OUTCOMES	At the end of the course, candidates are able to: ▪ use/select/improve existing or develop new appropriate tools/methodologies to support and enhance research activities. Undertake critical evaluation of numerical and graphical data. ▪ work with substantial autonomy, independence, and authority in the conduct and management of research and resources, which contribute, to new knowledge, advanced practices, processes and products. Demonstrate leadership, professionalism and management skills, and take full responsibility for own work, and significantly for others in the research team/organization/projects/ work. Contribute to the technological, social, and cultural progress on academic and professional practice to the society at large on emerging issues at professional/expert/ specialist level. ▪ integrate knowledge for lifelong learning with development of new ideas, solutions, and systems. Take full responsibility for own work and where relevant be accountable for overall management of one's research organization. Initiate and lead entrepreneurial ventures and projects. ▪ demonstrate adherence to legal, professional, and ethically sound codes of practice. Identify emerging ethical and professional issues, its complexities, and implications to advancement of research in the field and its societal impact. Continue to contribute professionally to social, technological, and economic development.

APPENDIX - Details of Core Courses

COURSE TITLE	RESEARCH METHODOLOGY
COURSE CODE	AA088002
SYNOPSIS	This course is designed to provide an overview of the quantitative and qualitative methods for social science research, particularly business and economics research. Topics covered include business and economic research process, the research paradigm, theory building, ethical issues, problem definition, propositions and hypotheses development, measurement and scaling concepts, primary and secondary data, sampling design, questionnaire design, interviews, observation, experimental research, case studies, and grounded theory. In addition, this course guides students to critically evaluate literature from relevant research material. Besides, it exposes appropriate techniques for quantitative and qualitative research and integrates ethics in research projects in order to propose various research ideas.
LEARNING OUTCOMES	At the end of the course, candidates are able to: ▪ appraise the epistemology and philosophy underpinning the characteristics and process of quantitative and qualitative research ▪ criticize literature from relevant research material. ▪ integrate ethics in research projects. ▪ adapt appropriate techniques for quantitative and qualitative research. ▪ propose various methods relevant to the research process.

APPENDIX - Details of Core Courses

COURSE TITLE	THEORIES AND ISSUES IN BUSINESS AND ECONOMICS
COURSE CODE	AA088003
SYNOPSIS	This course is designed to expose students to appraise concepts, issues and theories in business and economics. It will also cover discussion on gaps, future research and comparison of theories in business and economics. In addition, students are required to synthesise theories in order to develop their conceptual/theoretical framework.
LEARNING OUTCOMES	At the end of the course, students are able to: • appraise concepts, theories and issues in business and economics. • identify gaps and future research in business and economics. • differentiate various theoretical perspectives in business and economics. • integrate related theoretical perspectives towards the development of conceptual / theoretical framework.