ABOUT UNIVERSITI POLY-TECH MALAYSIA

Universiti Poly-Tech Malaysia, also known as UPTM, is an institution of higher learning has built itself upon years of continuous improvements and change leading to a wealth of experience and wisdom.

At UPTM, the focus is on providing a comprehensive education that goes beyond theoretical knowledge to include the development of essential human attributes, attitude, and aptitude. The university's committed educators work tirelessly to ensure that every student receives personalised attention and support that enables them to realise their full potential.

UPTM's curriculum is anchored in contemporary technologies and business education, offering students a wide range of innovative courses that challenge and stimulate their skills and expertise essential for them to thrive in the fast-paced world of business. It is important to note that Poly-Tech, in this context, refers to the incorporation of cutting-edge technologies into business education, and should not be confused with technical or vocational education.

On the overall, the university's emphasis is on producing graduates who are not only highly skilled and knowledgeable, but also possess the essential qualities of professionalism, ethical responsibility, and social awareness. With its unwavering commitment to academic excellence, UPTM stands out as an institution of higher learning that prepares students for successful careers and meaningful lives.

VISION

To become a university of choice in nurturing professionals impacting the nation.

MISSION

● Develop ethical, holistic and balanced professional
● To utilize knowledge and innovative contemporary technologies to contribute towards the development of the nation.

MOTTO

Trusted ● Caring ● Resilient ● Respected

OBJECTIVES

● To provide opportunities to pursue professionally recognised programmes.
● To provide vibrant and invitational programmes relevant to current market needs and customers' demands.
● To design programmes that inculcate graduates' synergetic talents.
● To ensure that graduates are adequately prepared for the local and global workforce.
● To establish human resource development programmes as tool for assimilating the value of society.
● To establish a distinctive and accountable centre of excellence in managing research, consultation and services.

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MESSAGE FROM THE PRESIDENT

I am honored to welcome you to the University Poly-Tech Malaysia (UPTM), an esteemed academic institution based at the heart of the capital city of Malaysia. As the President of UPTM, I am excited to invite you to join our community of scholars, where you will have the opportunity to develop into ethical, holistic, and balanced professionals who can impact the nation positively.

UPTM has undergone a remarkable transformation from a college to a university college and now a full-fledged university. This growth is a testament of our commitment to academic excellence and our dedication in providing a conducive learning environment. Our vision is to become a university of choice in nurturing professionals who can make a difference in society. We aim to achieve this by providing our students with the necessary skills, knowledge, and values to excel in their chosen fields.

At UPTM, our mission is to develop ethical, holistic, and balanced professionals who can contribute to the development of the nation using knowledge and innovative contemporary technologies. We strive to ensure that our graduates possess the necessary skills to thrive in a competitive global environment. Our curriculum is designed to challenge our students while also nurturing their intellectual curiosity.

Our university's core values are based on trust, care, resilience, and respect, which guide us in all our interactions with students, faculty, and staff. We pride ourselves on our inclusivity, diversity, and the community of scholars that we have built over the years. We are confident that you will find a home at UPTM, where you can grow and learn alongside other ambitious students.

I welcome you to explore our website and learn more about UPTM. Our dedicated faculty and staff are always to answer any questions you may have about our programs, admissions process, or campus life. We hope to hear from you soon and look forward to welcoming you to our university.

Sincerely,

President
University Poly-Tech Malaysia

INTRODUCTION

The Doctor of Philisophy (PhD) in Information Technology is a programme offered by the Institue of Graduate Studies. The programme is to prepare candidates to acquire the knowledge and skills necessary to function at the highest academic and professional levels. The programme addresses the expanding needs of professionals who manage information resources; solve information, communication, and technology-related problems in businesses and other organizations; or educate and/or train others in fields related to the applications of information systems and communications. This is an intensive program designed primarily to develop practitioners and teaching faculty with very high levels of both technical and analytical expertise in specific fields of information technology (IT).

PROGRAMME INFORMATION

1.	Programme Title	:	PhD in Information Technology
2.	Programme Code	:	CT401
3.	Duration	:	Full Time : Min 3 - 5 years Part Time: Min 4 - 6 years
4.	Total Credit Hours	:	51 credits
5.	Medium of Instruction	:	English
6.	Entry Requirement	:	A Master's Degree (Level 7, Malaysian Qualifications Framework, MQF) in Computing or related to computing or any other equivalent qualification from KUPTM or any other institutions of higher learning recognized by the University Senate;
			AND
			candidates must have completed at least 1 of their earlier Degrees (Master's or Bachelor's) in Computing or related to computing;
			AND
			Fulfill English language requirements
			International applicants should meet any one of the following English requirements before they are accepted for admission into the programmes. Students must obtain minimum score in the followings:
			550 in the Test of English as a Foreign Language (TOEFL);
			OR
			6.5 in International English Language Testing System (IELTS) ● The validity period for TOEFL and IELTS is 2 years from the date of the award. ● A proposal of about 500 words in length must be submitted together with all relevant documents required for admission to university.

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7.	Programme Educational Objectives	:	

The programme educational objectives are to produce graduate teachers who are:

	PEO1 :	provide opportunities to pursue study in related disciplines and aspire continuous improvement in career and life through lifelong learning
	PEO2 :	ensure graduates are able to acquire and apply knowledge and skills of information technology in business environment
	PEO3 :	prepare graduates adapt to contemporary knowledge and skills in IT and business to accommodate the process of change and its impact to the technological world
	PEO4 :	ensure graduates are able to become knowledge workers with entrepreneurial qualities by applying academic experience to the actual working environment

8.	Programme Outcomes	:	

Upon the completion of the program, graduates should be able to:

	PLO1 :	synthesis knowledge and contribute to original research that broadens the frontier of knowledge in the relevant field
	PLO2 :	adapt practical skills leading to innovative ideas in the relevant field
	PLO3 :	provide expert advice to society in the relevant field
	PLO4 :	conduct research independently and adhere to legal, ethical and professional codes of practice
	PLO5 :	display leadership qualities through communicating and working effectively with peers and stakeholders

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	PLO6 :	appraise problems in the relevant field critically using scientific skills
	PLO7 :	integrate information for lifelong learning
	PLO8 :	
	PLO9 :	
	PLO10 :	
	PLO11 :	
9.	Awarding Body	:	Universiti Poly-Tech Malaysia
10.	Programme Standards	:	Doctoral Degree-Computing (Level 8, MQF)

PROGRAMME STRUCTURE

Doctor of Philosophy (PhD) in Information Technology (CT401)

3 Seminars

COURSE CODE	COURSE NAME	STATUS	CREDIT	SLT	PRE-REQ		
RMS6020	Advanced Research Methodology	COMPULSORY	3	120	NONE	Attend seminars	
RMS6010	Proposal Meeting & Thesis Writing	COMPULSORY	3	120	NONE		
ITC 4143	Seminar on Current Issues in Information Technology	COMPULSORY	3	120	NONE		
	Total		**9**				

Full-Time Mode:

SEMESTER	COURSE TITLES	CLASSIFICATION
Semester 1	Advanced Research Methodology	Supported Module
	Proposal Meeting & Thesis Writing	Supported Module
Semester 2	Seminar on Current Issues in Information Technology	Supported Module
	Proposal Preparation 1 & Proposal Submission	Mix of independent and guided study
Semester 3	Colloquium 1	Mix of independent and guided study
Semester 4	Review of Literature 1	Mix of independent and guided study
	Review of Literature 2	Mix of independent and guided study
	Proposal Defense	Mix of independent and guided study
Semester 5	Fieldwork 1	Mix of independent and guided study
	Fieldwork 2	Mix of independent and guided study
Semester 6	Colloquium 2	Mix of independent and guided study
Semester 7	Analysis of Data (Preliminary)	Mix of independent and guided study
	Analysis of Data (Data)	Mix of independent and guided study
	Colloquium 3	Mix of independent and guided study
Semester 8	Thesis Writing and Review of Thesis	Mix of independent and guided study
	Colloquium 4	Mix of independent and guided study

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Semester 9	Submission & Mocked Viva	Mix of independent and guided study

Part-Time Mode:

SEMESTER	COURSE TITLES	CLASSIFICATION
Semester 1	Philosophy of Science in Research	Supported Module
	Advanced Research Methodology	Supported Module
Semester 2	Proposal Meeting & Thesis Writing	Supported Module
	Advanced Qualitative Analysis	Supported Module
	Advanced Quantitative Analysis	Supported Module
Semester 3	Seminar on Current Issues in Information Technology	Supported Module
Semester 4	Proposal Presentation 1	Mix of independent and guided study
	Proposal Submission	Mix of independent and guided study
	Colloquium 1	Mix of independent and guided study
Semester 5	Review of Literature 1	Mix of independent and guided study
	Review of Literature 2	Mix of independent and guided study
Semester 6	Proposal Defense	Mix of independent and guided study
Semester 7	Fieldwork 1	Mix of independent and guided study
	Fieldwork 2	Mix of independent and guided study

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	Colloquium 2	Mix of independent and guided study

Semester 8	Analysis of Data (Preliminary)	Mix of independent and guided study
	Analysis of Data (Final)	Mix of independent and guided study
Semester 9	Colloquium 3	Mix of independent and guided study
Semester 10	Thesis Writing and Review of Thesis	Mix of independent and guided study
Semester 11	Colloquium 4	Mix of independent and guided study
Semester 12	Submission & Mock Viva	Mix of independent and guided study

COURSE INFORMATION

Advanced Research Methodology (RMS6020)
Pre-requisite: None

This course introduces on how to synthesize the related prior research discovered after a comprehensive review of the literature. In academic or scholarly work, this is usually of key or seminar works in a focused area. Often one of the first sections any scholarly research article will have a review and synthesis of the previously published literature on the topic addressed in the article. The review will tell the reader how it is related to the topic of the actual project. The unique research being done should build on and reference prior work.

Proposal Meeting & Thesis Writing (RMS6010)
Pre-requisite: None

This course introduces students to an excellent and approved post-graduate research proposal in the standard format containing the specifications required for post-graduate level research.
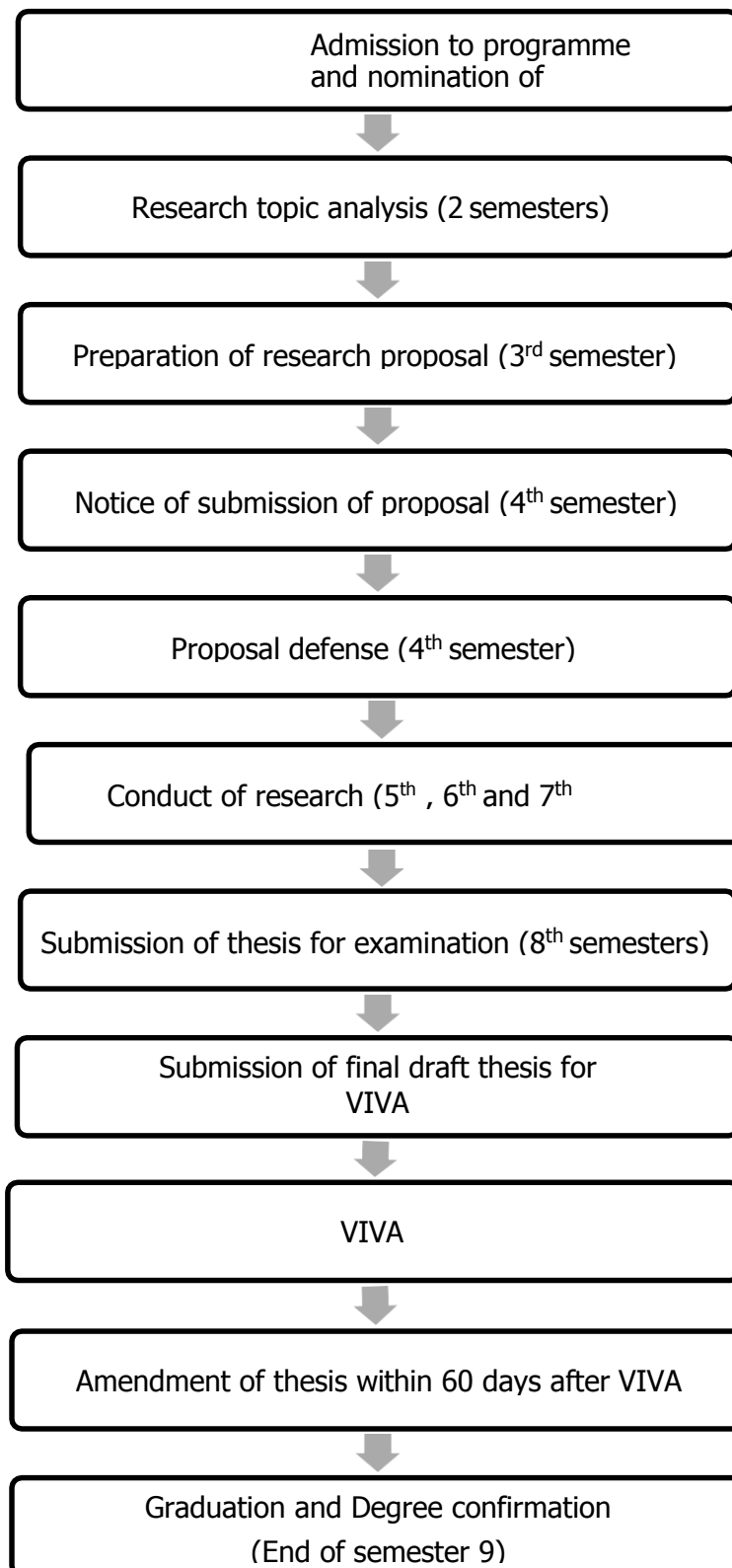
Seminar on Current Issues in Information Technology (ITC 4143)
Pre-requisite: None

This course will be conducted in seminar mode where at every class meeting students are expected to make presentation. The topic of the presentation will be decided on the basis of the research proposal.

PROGRAMME COMPLETION
Doctor of Philosophy (PhD) in Information Technology (CT401)

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Admission to programme
and nomination of

Research topic analysis (2 semesters)

Preparation of research proposal (3rd semester)

Notice of submission of proposal (4th semester)

Proposal defense (4th semester)

Conduct of research (5th , 6th and 7th

Submission of thesis for examination (8th semesters)

Submission of final draft thesis for
VIVA

VIVA

Amendment of thesis within 60 days after VIVA

Graduation and Degree confirmation
(End of semester 9)

ACADEMIC PLANNER

ACTIVITY	Long Semester	Short Semester
	Day / Week	Day / Week
Registration (New Students)	Day 1	Day 1
Induction	Day 2	Day 2
Add/Drop Week	Week 4	Week 2
Lectures	Week 1 - 7	Week 1 - 7
Mid-Semester Break	1 Week	
Lectures	Week 8 – 14	
Revision Week	2 Days	2 Days
Final Examination	3 Weeks	1 - 2 Weeks
Semester Break	2 - 3 Weeks	2 - 3 Weeks

Note: Actual academic calendar can be accessed in the UPTM website at www.uptm.edu.my.

- The University reserves the right to make any changes to the academic calendar when necessary. Students are advised to be aware of announcements regarding changes at all times.

ACADEMIC REGULATIONS

- All UPTM students are subjected to the academic rules and regulations as outlined in the Academic Regulations of Universiti Poly-Tech Malaysia (UPTM) (2023 Amendment). A copy of this academic rules and regulations can be accessed in the UPTM website at www.uptm.edu.my.

- All UPTM students pursuing academic programmes in collaboration with professional, local or foreign partner institutions are also subjected to the rules and regulations of the partner institutions. A copy of this handbook can be accessed in the UPTM website at www.uptm.edu.my