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PhD in Information Technology

KPT/JPT (N/0611/8/0027) 12/2031 - MQA/PA 17626

Postgraduate 2026/2027 Session

DOCTOR OF PHILOSOPHY (PhD) IN INFORMATION TECHNOLOGY

Introduction

The Doctor of Philosophy in Information Technology is designed to produce highly skilled researchers, academicians, and professionals capable of advancing knowledge through original and significant research in the field of Information Technology. This programme emphasises the development of independent research skills, critical thinking, and the ability to generate innovative solutions to complex problems. Graduates will demonstrate leadership in scholarly and professional contexts, contribute to theoretical and practical advancements, and uphold the highest standards of ethics and integrity in research

Mode: By Research

This programme focuses on research for students with extensive industry exposure and experience.

**PhD students are encouraged to participate in local and international workshops. Students are expected to present their work at conferences relevant to their area of research.*

Key Research Areas (but not limited to)

- Advanced Information Systems
- Artificial Intelligence and Machine Learning
- Big Data Analytics and Data Science
- Cybersecurity and Privacy
- Cloud Computing and Distributed Systems
- Internet of Things (IoT)
- Human-Computer Interaction
- Emerging Technologies in IT
- IT Governance and Strategic Management
- Health Informatics
- Intelligent Systems and Robotics
- Digital Transformation in Industry and Society
- IT Policy and Ethical Issues
- Software Engineering and System Development



Full Time

Min 3 years (6 semesters)
Max 6 years (12 semesters)

Part Time

Min 4 years (8 semesters)
Max 8 years (16 semesters)



Throughout the year

(subject to availability of field supervisor)



Research based course



Full Time (Local)

1st semester: RM4,545
Subsequent semester: RM1,875

Full Time (International)

1st semester: RM7,920
Subsequent semester: RM3,350

Part Time (Local)

1st semester: RM4,045
Subsequent year: RM1,375

*Part-time mode is not available for international students

English Requirements (for international students)

You must submit supporting evidence of your English language proficiency if your first language is not English, or if your undergraduate degree was not taught in English language. These are the following English requirements:

- IELTS (Academic): **6.0** (with no less than 5.5 in each element)
- Test of English as a Foreign Language (TOEFL iBT): **60/550**
- Pearson Test (PTE): **59** (with no less than 51 in each element)
- Malaysian University English Test (MUET): **Band 4** or any other equivalent English language test

Entry Requirements

Option 1	Option 2	Option 3
A Master's degree (Level 7 Malaysian Qualifications Framework, MQF) in Computing or related fields as accepted by the HEP Senate; OR	A Master's degree (Level 7, MQF) in Non-Computing fields with a minimum of FIVE (5) years of working experience in Computing or related fields must undergo appropriate prerequisite courses as determined by the NEP; OR	A Master's degree (Level 7, MQF) in Non-Computing fields with less than FIVE (5) related fields must undergo a thorough rigorous assessment as determined by the HEP to identify the appropriate prerequisite courses that equivalent to their working experience in the Computing or related fields; OR
Option 4		
Other qualifications equivalent to a Master's degree (Level 7, MQF) in Computing or related fields recognised by the Government of Malaysia as equivalent to the above requirement.		

Notes:

- Working experience can be cumulative industry engagement even before acquiring the required qualification for a particular level of study, however, it must be related to the level and content of the study.
- Rigorous assessment can be done through interviews, portfolios, written tests, or any form of assessment.
- The prerequisite courses should cover the minimum requirements of the common knowledge area in Computing such as Computer Architecture, Database Fundamentals, Network and Data Communication, Programming Fundamentals and System Analysis and Design Fundamentals that are equivalent to level 6 MQF. These courses must be offered as a prerequisite to related core courses.
- Refer to Surat JPT/GS 1000/630 Jld. 3 (12), 6 Mac 2023 - Syarat Kompetensi Bahasa Inggeris Kepada Pelajar Institusi Pendidikan Tinggi Swasta (IPTS) for equivalent English language assessments and score.





For online application, please visit:
<https://ecampus.uctati.edu.my/pelajar/siswazah2/>

**For further enquiries:
Department of Promotion, Marketing & Corporate
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DISCLAIMER: The information in this prospectus is correct as of APRIL 2026. Changes in circumstances after this date may alter the accuracy of the information. The university reserves the right to change any information in this prospectus without prior notice.