

# DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

(N/481/8/0792) (07/2028) (MQA/PA 14656)

## INTEGRATING COMPUTER SCIENCE WITH THE REAL WORLD



This programme aims to prepare students at the postgraduate level with computer science knowledge and computing principles to analyse and solve real-world computing problems. These knowledge and principles are built on combinations of data analysis and computing in sustainability with lifelong learning. Essentially, in this programme, students will be expected to come up with solutions using computer science and technology for effective decision making, forecasting, investing and budget planning. One of the objectives is to produce leaders with advanced soft skills to do research in groups and provide solutions scientifically and solve problems critically.



## COURSE DURATION AND MODE

3 Years (Full Time) | 4 Years (Part Time)

## COURSE LOCATION

Kuala Lumpur

## INTAKES

January, May, September

## COURSE SYLLABUS

### Semester 1

- Research Methods in Computer Science

### Semesters 2 -8

- PhD Thesis

### Semester 9

- Submission and Viva

## ENTRY REQUIREMENTS

### ACADEMIC QUALIFICATIONS

A Master's Degree (Level 7 Malaysian Qualification Agency, MQF) or equivalent and candidates must have completed at least ONE (1) of their earlier Degrees (Master's or Bachelor's) in Computing or in Computing-related fields.

### ENGLISH LANGUAGE REQUIREMENTS:

#### For Local and International students:

IELTS: 6.0

International applicants who do not meet the English Language requirements will need to improve their proficiency by enrolling into the English for Tertiary Education programme (R/KJP/00920-00929) which helps them prepare for attaining a required band score. Placement into the various levels of the English for Tertiary Education programme depends on the English Language qualification students have at the point of admission and/or the outcome of the English Placement Test.

## CAREER OPPORTUNITIES

- Computer Scientist
- IT Specialist
- Data Scientist or Finance Analyst

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