

# PhD in Information Technology

(N-DL/0611/8/0001) (06/30) (MQA/PA16527)



## PROGRAMME DESCRIPTION

The program, PhD in Information Technology is integrated with our research activities. The goal of the program is to nurture the students and educate them about the aspects related to Information Technology. This program of study also provides the students with excellent opportunities for research:

- Computer Science.
- Multimedia.
- Game Design.
- Game Development.
- Software Engineering.
- Networking.
- Information Technology.

For successful completion of PhD degree in LUC, each candidate should publish minimum of Four research articles in scopus indexed journals, with Lincoln affiliation.



## PROGRAMME AIM

The program, PhD in Information Technology prepares individuals for scientific leadership in the fast-growing field of information technology while enhancing the specialized knowledge in the IT discipline with the help of doctoral research.

This General Information Technology PhD specialization provides the busy IT professionals with the opportunity to design a doctoral program to meet specific interests and career goals. Students can either opt for a course work in a particular IT discipline, such as information security or network architecture and design or focus on IT within a specific industry while working towards the development of their advanced research and scholarly writing capabilities. Individuals, who have opted for this specialization, are often pursuing jobs as a senior faculty or as a research faculty or as a consultant faculty in this relevant field.

PhD students will have the opportunity to study and pursue their research work with the help of faculty, who are incredibly diverse in terms of their research interests. Research as well as educational opportunities offered by PhD program of study comprises diverse range of areas, such as Computer and Network Security, Advanced Database Management, Geo-Informatics, Human-Centered Computing, Adaptive Web Systems, Decision Support Systems, Cognitive Systems Large-Scale and Distributed Systems, Cyber-Infrastructure Instructional System Software (Educational Online Systems), Instructional Application Software (Educational Online Application), Software Engineering, Statue of Limitations and others as well.

Students should complete their work related to PhD within six years, from the time of first registration, but if the topics are complex, thus requiring more than six years, then students need to communicate with their supervisors regularly. Students may, in case of extenuating circumstances, submit a formal request, for extension of their statute of limitations or for a leave of absence from the program, which will be considered by their supervisors.



## CAREER OPPORTUNITIES

Programme Career Opportunities:

- Managers.
- Scientists.
- IT Specialists
- Consultants



## DURATION

Full Time : 1.3 to 5 years

Part Time : 4 to 10 years



## INTAKE

Ongoing



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## ENTRY REQUIREMENTS

### Entry Requirements :

Master's Degree or equivalent AND the candidate must have at least one initial degree (Master's Degree or Bachelor's Degree) in computing; or

Other qualifications recognized as equivalent by the Government of Malaysia.

### English Requirements :

International students must have proof of good proficiency in verbal and written English. For example, International English Language Testing System (IELTS) score of 6.0 or its equivalent. If a student does not meet this requirement, HEPS must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.



## SUBJECT HIGHLIGHTS

Sl.No.	MQA Subject Code	Subject Name	Credits
1	PHD811	Research Methodology	3
2	PHD812	Data Analysis and Testing Writing	3
3	PHDIT822	PhD in Information Technology Research work <ul style="list-style-type: none"><li>• Data Warehousing and Mining</li><li>• Digital Image Processing</li><li>• Advanced Networking</li><li>• Natural Language Processing</li><li>• Data Compression</li><li>• Agent Based Computing</li><li>• Soft Computing</li><li>• Software Testing and Quality Assurance</li><li>• Knowledge management and Business Intelligence</li><li>• Mobile Computing</li><li>• Bio- Inspired Computing</li><li>• Concurrent Engineering Information System</li><li>• Speech Processing and Information Security</li></ul>	0.0000

