

SCHOOL OF GRADUATE STUDIES

Doctor of Philosophy (Information & Communication Technology) (R/481/8/0583) 07/19

The Doctor of Philosophy in Information and Communication Technology (ICT) (by research) is specially designed for those who want to design and build hardware and software systems for a wide range of purposes; process, structure, and manage various kinds of information; conduct scientific studies using computers; create computer systems to behave intelligently; create and use communications and entertainment media; source and gather information relevant to any particular purpose. The Graduates of PhD (ICT) programme shall be able to demonstrate critical understanding of the most advanced knowledge in ICT, which is at the frontier of a field of study or professional practice. Graduates with the PhD (ICT) of AeU will be poised for upper-level position whether in organisations, consulting or academia. They are expected to contribute towards improvement in the organisations, place of employment or the nation.



Learning Outcomes

Upon completion of the programme, students will be able to:

- Demonstrate a systematic comprehension and in-depth understanding of the discipline and mastery of skills and research methods related to the field of ICT;
- Contribute to original research that broadens the boundary of knowledge through an in-depth thesis that will provide them with skills in problem solving, systematic analysis, communication and collaboration;
- Promote the technological, social and cultural progress in a knowledge-based society in both academic and professional contexts; and
- Demonstrate behaviour that is consistent with codes of professional ethics, legal requirements and responsibility.

Highlights

- Internationally benchmarked, approved by the Ministry of Education and accredited by the Malaysian Qualifications Agency
- No proposal is needed at the point of entry.
- Supported with research workshops, research colloquia and research clinics.
- Access to the physical and digital library comprising of around 190,000 e-books, 95,000 e-journals, and 2.4 million e-theses titles accessible anywhere anytime.
- Transfer of candidature is possible, if compliant-requirements are fulfilled.

Intakes for all research programmes are open throughout the year.

RESEARCH FIELDS

Computer Science

- Computer examples: • Programming • System Analysis • System Design • Informatics • Network Administration • Operating Systems • Programming Languages (Visual Basic C++ etc) • Software Localisation • Software Testing

Computer Use

- Software examples for: • Computer Use • Internet Use Programmes • Calculating (Spreadsheets) • Data Processing • Desktop Publishing • Word Processing

Audit Subjects

- Research Methodology
- Quantitative Data Analysis
- Qualitative Data Analysis

PROGRAMME FACTS

Scheme of Study	Full-time	Part-time
Duration	Normally 3 years	Normally 4 years
Number of Semesters (1 semester = 4 months)	Normally 9	Normally 12
Mode of Delivery	Full-Time (On-Campus) Learning; Blended Learning; Open & Distance Learning; Online Interaction Learning; Research; & Thesis Examination	
Frequency of Research Workshop / Colloquia (Optional)	Once a month (Saturdays & Sundays)	

FINANCIAL AID AND INCENTIVES*

For Malaysian and International students:

- 10% discount on tuition fee available through student loyalty scheme

For Malaysian students only:

- 50% discount on tuition fee for senior citizens who are 55 years of age & above
- 75% discount on tuition fee for the disabled
- EPF withdrawal assistance
- MyBrain15 assistance
- RM6,000 personal income tax relief

*Terms and conditions apply

PROGRAMME DELIVERY

Stage 1	Proposal Development
Stage 2	Data Collection
Stage 3	Report Writing
Stage 4	Thesis Examination / Viva Voce

Entry Requirements

For Malaysian & International Students:

- Posses a recognised Master's degree in the relevant field
- Other qualifications recognised by the AeU Senate

Additional Information

- A statement of research intent, describing what you have already done and what you hope to accomplish in your doctoral research.
- A curriculum vitae (CV) or resume

English Language Competency Requirements For International Students:

For international students studying on campus in Malaysia, they must attain English Language competency equivalent to IELTS (6.0) / TOEFL (550) / CAE / CPE / PTE / MUET that complies with the programme standards set by the Malaysian Qualification Agency (MQA). Those who have their tertiary education in English shall be exempted from the above requirement.

For details, please go to <http://www.aeu.edu.my>

Asia e University

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