

Industrial PhD in Engineering

Faculty of Engineering, Technology & Built Environment



PROGRAMME INFORMATION

PARTICULARS

Awarding Body	UCSI University
Award Type	Single
Award Title	Industrial PhD in Engineering
Qualification Level	Malaysian Qualifications Framework Level 8
Field of Study	Engineering and engineering trades
Credit Value	Full Research
Instruction Language	English
Study Mode	Full time : 3-5 years; Part time : 4-7 years
Delivery Mode	Research with taught course
Delivery Method	Conventional – Research & Thesis

ENTRY REQUIREMENTS

A Master Degree in Engineering or related, or equivalent recognized by the University.

ENGLISH LANGUAGE ADMISSION REQUIREMENTS

Applicants have to fulfil at least one of the followings:

- Originating from countries which use English as an official language;
- Academic qualification is from institutions which use English as a full medium of communication;
- Followed/graduated from a course in Malaysia and intend to pursue education of a higher degree with subjection to item b); or
- Accomplish a minimum proficiency of IELTS 6.0, TOEFL-pBT 550, TOEFL-cBT 213 or TOEFL-iBT 79-80.

Regional Programme Supporting Office

SRDI Social Resources Development Institute

Unit 278, Houston Centre, 63 Mody Road, TST East, Kowloon, Hong Kong

香港 九龍 尖沙咀東 麼地道 63 號 好時中心 2 樓 278 室

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CURRICULUM

Components of the Programme and its credit value:

Subject Classification	Credit Value	Percentage %
Compulsory courses/modules	10	8.47
Core/Major/Concentration: - Projects/thesis/dissertation	108	91.53
Total Credit Value	118	100

List of Subjects:

Code	Course/Module	Credit Value
EE507	Research Methodology	3
DB705	Global Management and Business Issues	3
DB703	Entrepreneurship, Creativity and Innovation	4
GE601	Research	108

Assessment Methods:

Code	Course/Module	Class Participation /Discussion	Individual/Group Assignment	Oral Presentation	Proposal Writing	Thesis & Viva
EE507	Research Methodology	YES	YES			
DB705	Global Management and Business Issues	YES	YES			
DB703	Entrepreneurship, Creativity and Innovation	YES	YES			
GE601	Research			YES	YES	YES

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COURSE OUTLINE

EE507 Research Methodology

Topics:

- Introduction to research methods
- Research Methods
- Research Techniques
- Data Analysis

DB705 Global Management & Business Issues

Topics:

- Contemporary Business System
- Social Forces
- Technological Forces
- Economic Forces
- Political Forces & The Role of Government
- Prospect

DB703 Entrepreneurship, Creativity & Innovation

Topics:

- The Entrepreneurial Mind-Set in the Twenty-First Century
- Initiating Entrepreneurial Ventures
- Developing the Entrepreneurial Plan
- Growth Strategies for Entrepreneurial Ventures

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