

# DIPLOMA IN INTERNET AND COMPUTING TECHNOLOGY

MQA/PA6625

## PROGRAMME OVERVIEW

The fast growing Internet standards are quickly emerging to offer a broad range of attractive services on the Internet. However, expertise required to integrate those services into any business model is beyond the scope of conventional computer science curriculum. This programme has an in-depth curriculum that provides a comprehensive understanding of the concepts, principles and techniques required in the studies of the Internet infrastructure, architecture, standards and network systems. Graduates of the programme will be equipped with up-to-date theoretical and applied knowledge as well as networking skills for installing, designing, building, maintaining and troubleshooting appropriate network solutions via hands-on experience.

<b>LEVEL OF STUDY :</b>	Diploma
<b>FACULTY :</b>	Faculty of Computing
<b>DURATION :</b>	3 Years (6 Long Semesters + 2 Short Semesters)
<b>STUDY MODE :</b>	Full Time
<b>INTAKE :</b>	January / April / August

## ENTRY REQUIREMENTS

- Pass Sijil Pelajaran Malaysia (SPM) with at least 3 credits including Mathematics and Bahasa Melayu; OR
- Pass General Certificate of Education (GCE) O-Level with a minimum of grade C in 3 subjects including Mathematics and Bahasa Melayu; OR
- Pass Unified Examination Certificate (UEC) with a minimum of grade B in 3 subjects including Mathematics and Bahasa Melayu; OR
- Pass Sijil Tinggi Persekolahan Malaysia (STPM) with a minimum CGPA of 2.00 and at least a credit in Mathematics at SPM level; OR
- Pass Computing Certificate (Level 3 KMM) with a minimum CGPA of 2.00 and at least a credit in Mathematics at SPM level; OR
- Pass both Sijil Kemahiran Malaysia (Level 3 SKM) and SPM, with at least a credit in Mathematics at SPM level; OR
- Other equivalent qualification that is recognised by the Malaysian Government.

## ENGLISH REQUIREMENT

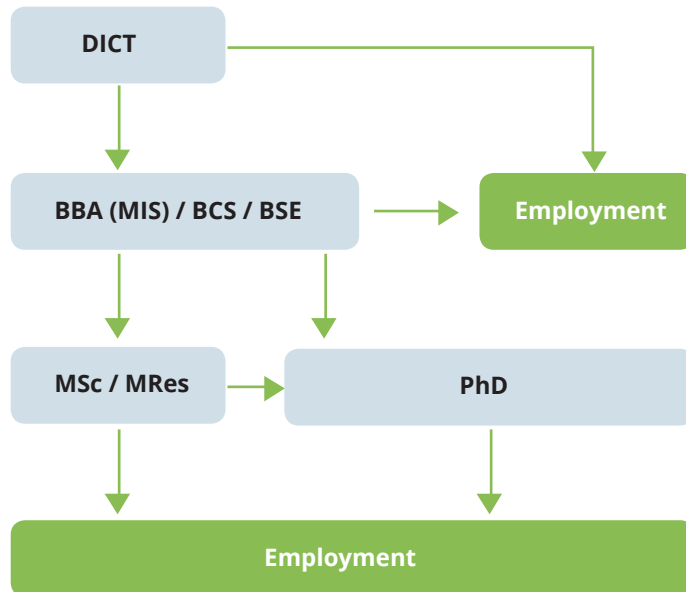
### For Malaysian candidates:

- Pass Bahasa Inggeris in SPM
- Pass English 1119.

### For International candidates:

- Pass TOEFL (within the 2-year validity period) with a minimum score of 550; OR
- Pass IELTS (within the 2-year validity period) with a minimum score of Band 6.

## STUDY / CAREER PATHWAY



## CAREER OPPORTUNITIES

- Cloud Operation Engineer
- IT Analyst
- IT Support Personnel
- IT Consultant
- IT Security Specialist
- IT Service Management Specialist
- Network Administrator
- Network Engineers
- Network Support Engineer
- Software Developer
- System Consultant
- Web and Software Developer

## COURSE OUTLINE

### Year 1

- Introduction to Computing
- Cognitive Process and Problem Solving
- Problem Solving and Programming
- Computing Mathematics I
- Computing Mathematics II
- Systems Analysis and Design
- Object-Oriented Programming Fundamentals
- Operating Systems
- Networking Fundamentals
- Web Applications Development
- Digital and Cyber Laws
- Cyberpreneurship
- Pengajian Malaysia II

### Year 2

- Fundamental Data Structures and Algorithm
- Database Information Systems
- Introduction to Information Security
- Internetworking Technologies
- Mobile and Wireless Networking
- Cloud and Service Computing
- Network Infrastructure
- Project Management Fundamentals
- Effective Communication - Workplace and Persuasive Presentation
- Issues in the Malaysian Economy
- Co-Curriculum
- Elective 1
- Elective 2

### Year 3

- Internet Server Technologies
- Data Centre and Cloud Management
- Elective 3
- Final Year Project
- Practical Training

## APPLICATION PROCEDURE

Online application is available at [admission.unimy.edu.my](http://admission.unimy.edu.my)

## FOR ENQUIRIES

T +6 03 8800 5050 F +6 03 8800 5011 E [info@UniMy.edu.my](mailto:info@UniMy.edu.my)

## WEBSITE

[www.UniMy.edu.my](http://www.UniMy.edu.my)

 [www.facebook.com/unimyofficial](https://www.facebook.com/unimyofficial)  
 <https://twitter.com/unimyofficial>

## ADDRESS

University Malaysia of Computer Science & Engineering  
Menara Z10, Ground and Mezzanine Floor  
Jalan Alamanda 2, Precinct 1  
62000 Wilayah Persekutuan Putrajaya, Malaysia.



## ACADEMIC PARTNERS



## INDUSTRY PARTNERS

