



(Company No. 101067-P)

الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُونَيْبَرِسِيَّتِي اِسْلَامِيَّةٌ اِبْتِغَايَا مِلِّيَّةً

Garden of Knowledge and Virtue

DEPARTMENT OF
INFORMATION SYSTEMS
KULLIYAH OF INFORMATION
COMMUNICATION TECHNOLOGY



BACHELOR OF INFORMATION TECHNOLOGY (HONOURS)

INTRODUCTION

The Bachelor of Information Technology (BIT) programme is offered by the Department of Information Systems (DIS), which is one of the three departments under the Kulliyah (Faculty) of Information and Communication Technology (KICT). The programme was first offered in July 2004 and later received recognition by the Public Service Department of Malaysia in October 2004. Since then, this programme is being reviewed and improved in every cohort cycle as required by the Malaysian Qualification Agency (MQA). Currently we have more than 700 BIT students at KICT.

Other than the BIT undergraduate programme, since 2005, DIS also offers postgraduate programmes, namely, Master of Information Technology (MIT) and Ph.D. in Information Technology (Ph.D. IT). In 2019, KICT postgraduate programmes for research-based mode are rebranded to Master of Computing (Computer Science & Information Technology) and Doctor of Philosophy (Computer Science & Information Technology).

CAREER OPPORTUNITIES

- IT Executive
- Information Systems Officer
- Systems Analyst
- Data Scientist
- Database Manager
- Web Content Designer
- System Analyst
- Multimedia Developer
- IT Executive
- E-Commerce Developer
- Technopreneur
- Researcher
- IT Security Specialist
- IT Security & Compliance Analyst
- UI/UX Designer
- Game Developer
- Creative Media Analyst
- Animator

KEY PERSONNEL



Asst. Prof. Dr. Nurul Nuha Abdul Molok
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UPU REQUIREMENT

Code Y0400 Engineering and Computer Science Foundation (minimum requirements)

Subject	Grade
Bahasa Melayu	C+
English	B
Pendidikan Islam	B
Sejarah	C
Mathematics	A
Add Math/ Chemistry/ Physics	Any 2B and 1 C+

LIST OF COURSES

KULLIYAH REQUIRED

- Business Fundamentals
- Database Systems
- Object Oriented Programming
- Intro. to Computer Organisation
- Mathematics for Computing
- System Analysis and Design
- ICT in Islam
- Probability and Statistics
- Introduction to Software Engineering
- Technopreneurship
- Operating Systems
- Human Computer Interaction

DEPARTMENT REQUIRED

- Database Programming
- Data Structures and Algorithms
- Multimedia Technology
- Web Technologies
- Computer Networking
- Management of Information System
- Principles of IT Security
- Web Application Development
- E-Commerce
- Project Management in IT
- Cyber Law and Ethics

SPECIALISATIONS

BUSINESS INTELLIGENCE & ANALYTICS

- Data Warehousing
- Information Visualisation
- Data Mining
- Tools for Big Data Analytics

DIGITAL MEDIA DESIGN

- Animation Technique
- Creative Design Technique
- Digital Content Design
- Game Technology

ENTERPRISE TECHNOLOGY MANAGEMENT

- Control and Audit of Information Systems
- Information Resource and Strategy Management
- Integrated Business Process and ERP Systems
- Knowledge Management Practices and Applications

INFORMATION ASSURANCE & SECURITY

- Management of Information Security
- Business Continuity & Disaster Recovery
- Risk Management
- Control and Audit of Information Systems



LEADING THE WAY
KHALĪFAH - AMĀNAH - IQRA' - RAHMATAN LIL-ĀLAMĪN