

Bachelor of Information Technology (Hons)

(R2/481/6/0155) 02/29 (MQA/FA 1697)
(R2/481/6/0170) 02/29 (MQA/FA 1857)



Agensi Kelayakan Malaysia
Malaysian Qualifications Agency

Delivery Mode:
Conventional, Open and Distance Learning

Duration of Study:
3 Years (Full-Time)
4 Years (Part-Time)

Intakes
• January, May and September

Academic Schedule
• January : 14 weeks*
• May : 14 weeks*
• September : 14 weeks*

*Inclusive of exam period.



Interested in this course?
We are more than happy to share.
Email us or give us a call.

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Develop Skills and Competencies Important in an IT Career

The Bachelor of Information Technology (Hons) programme enables students to gain deeper knowledge about technology with the combination of theories and practices from 3 specialisations: Computer and Network Security, Data Analytics and Software Engineering.

Courses such as Principles of Artificial Intelligence, Cloud Computing and Administration and Human-Computer Interaction equip students with innovative technologies practised in Malaysia. This programme also provides students with a good understanding of Computer Ethics and Cyber Laws, Computer Forensic Investigation, and Cryptography and Network Security.

Career Prospects

- Systems Analyst
- Data Engineer
- Data Analyst
- Computer Intelligence Officer
- Computer Network / Cloud Engineer
- Digital Forensic Investigator
- Cybersecurity Compliance Officer / Auditor
- Cybersecurity Analyst
- Cybersecurity Consultant

Areas of Knowledge

Computer and Network Security

Action plan in protecting computer systems, network and electronic data.

Data Analytics

Analysis and converting sets of raw data into Business Intelligence.

Software Engineering

Design, establish and run applications on various programming platforms.

Did You Know?

MICROSOFT

Microsoft Content is embedded within the programme.

3 SPECIALISATIONS AVAILABLE

Computer and Network Security, Data Analytics and Software Engineering.

*Terms and conditions apply.

Why UNITAR?

5-STAR QUALITY

5-STAR rating in QS for Teaching, Employability, Inclusiveness, Online Education and Accounting and Finance.

AFFORDABILITY

PTPTN, EPF and various financial aid available.

UNITAR C.A.R.E

We ensure that students are well-equipped with applicable skills: Collaborative, Adaptive, Reflective and Entrepreneurial.

Entry Requirements

Pass STPM with a minimum Grade C (CGPA 2.00) in two (2) subjects and CREDIT in Mathematics in SPM or its equivalent;
OR

Pass Matriculation or Foundation with minimum CGPA of 2.0 and CREDIT in Mathematics at SPM level or its equivalent;
OR

Pass Diploma in Computer Science or Software Engineering or Information Technology or Information System or its equivalent, with a minimum CGPA of 2.50 and CREDIT in Mathematics in SPM or its equivalent;
OR

Any Diploma in science and technology or business study with minimum CGPA of 2.50 and CREDIT in Mathematics at SPM level can be registered subject to a rigorous internal assessment;
OR

Pass Diploma Kemahiran Malaysia (DKM) / Diploma Lanjutan Kemahiran Malaysia (DLKM) / Diploma Vokasional Malaysia (DVM) with a minimum CGPA of 2.50 in relevant field and CREDIT in Mathematics at SPM subject to the approval of the Senate and MUST attend bridging courses;
OR

Pass DKM / DLKM / DVM with at least CGPA 2.00 AND have at least two (2) years of work experience in relevant field and CREDIT in Mathematics at SPM and MUST attend bridging courses;
OR

Pass BTEC Level 4 and 5 and pass in SPM or its equivalent, with at least three (3) credits in any subjects including Mathematics
OR

Entry requirements for admission into the Bachelor's programme (Level 6, MQF) through APEL A as approved by the Ministry of Education (MOHE). Applicants must be/have:

1. A Malaysian citizen; AND
2. The candidate should be more than 21 years of age in the year of application;
3. Relevant work experience / prior experiential learning; AND
4. Pass the APEL Assessment

Diploma holders with CGPA less than 2.50 but exceeding 2.00 and obtained credit in Mathematics at SPM level or its equivalent, can be registered subject to a rigorous internal assessment.

Candidates with a credit in computing subjects in SPM or its equivalent will have an advantage.

The requirement for a credit in Mathematic at SPM level can be exempted if the entry qualification has a Mathematic subject and the achievement is equivalent or higher than the requirement at SPM level



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UNITAR International University (DU004-B)
Tierra Crest, Jalan SS6/3, Kelana Jaya,
47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia

ENGLISH REQUIREMENT

Local Students

Exempted from University English Courses:

1. Distinction in SPM / SPMV English
2. MUET Band 4, 5 and 6
3. A Pass in English Course at a previous institution

Required to take English Preparatory 2:

1. Credit in SPM / SPMV English
2. MUET Band 1, 2 and 3

Required to take both English Preparatory 1 and 2:

1. No credit in SPM / SPMV English

International Students

Minimum score of 5.0 for IELTS OR its equivalent

Programme Core Modules

- Introduction to Information Systems
- Programming Principles and Techniques
- Computer Organisation and Architecture
- Discrete Mathematics
- Databases
- Human Computer Interaction
- Computer Ethics and Cyber Laws
- Operating Systems
- Information Security Management
- Data Communication and Computer Networking
- Systems Analysis and Design
- Object-Oriented Programming
- Internet Programming
- Algorithms and Data Structures
- Principles of Artificial Intelligence
- Minor Project
- Major Project
- Industrial Training

MPU Modules

- Falsafah dan Isu Semasa / Bahasa Melayu Komunikasi 2 (Int)
- Penghayatan Etika dan Peradaban / Philosophy and Current Issues (Int)
- Design Thinking / Bahasa Kebangsaan A
- Entrepreneurship
- Event Management

English Core Modules

- English for Academic Purposes
- Business Communication

Electives

- Digital Business
- Service Management
- Quantitative Methods
- Labour Law and Industrial Relation
- Introduction to Psychology
- Principles of Management
- Principles of Accounting
- Personal Financial Planning
- Principles of Economics
- Business Law

Specialisations

Computer and Network Security

- Computer Forensics Investigation
- Ethical Hacking
- Advanced Computer Networking
- Mobile Wireless Network
- Cloud Computing and Administration
- Cryptography and Network Security
- Web and Application Security

Data Analytics

- Business Intelligence
- Applied Mathematics for Data Analytics
- Programming for Data Analytics
- Research Methods for Data Analytics
- Principles of Machine Learning
- Big Data Analytics
- Business Analytics

Software Engineering

- Requirements Engineering
- Object-Oriented Software Engineering
- Software Quality and Metrics
- Software Project Management
- Software Testing and Maintenance
- Web Engineering
- Software Architecture and Design

Get ahead in the world of Technology.

Microsoft content and cloud-based lab is embedded in the courses.

Credit Transfer - Earn the degree that you want within lesser time and cost by transferring credits from prior education/learning experience.