



Bachelor of Information Technology (Hons)

(R2/0611/6/0075) (02/29) (MQA/FA 1697)
(R2/0611/6/0076) (02/29) (MQA/FA 1857)

The Bachelor of Information Technology programme is tailored to provide students who wish to pursue a career in the Information Technology sector with essential knowledge and skills, key technical information and the oretical understanding for them to explore technology-based ventures effectively.

Programme Overview

Delivery Mode:

Conventional, Open Distance Learning (ODL)

Duration of Study:

Full-Time: 3 years (9 semesters)
Part-Time: 4 years (12 semesters)

Intakes

January, May and September

Academic Schedule

- January : 14 weeks*
- May : 14 weeks*
- September : 14 weeks*

**Inclusive of exam period.*

Areas of Knowledge

Cybersecurity

Equip students with the specialised knowledge and skills to safeguard computer systems, networks and data from cyberattacks.

Computer Networking

Prepare students for the core network fundamentals and the evolving landscape of modern networking through the courses provided and equips them with the skills to build secure and dynamic networks for today's interconnected world.

Data Analytics

A robust foundation in both data literacy and statistical analysis as students gain a thorough understanding of data management principles, database structures and data analysis methodologies.

Cloud Computing

Gain a comprehensive understanding of cloud fundamentals, encompassing service and deployment models along with virtualisation technologies.

Why UNITAR?

Affordability

Various scholarships & financial aid options available.

Accessibility

Located in more than 20 locations nationwide, offering online and conventional programmes for flexible learning.

Employability

A strong network of over 135,000 alumni, with graduates excelling across diverse industries and career paths.

Community & Networking

Supported by 100+ Adjunct Professors who are industry leaders, providing valuable insights and mentorship.

UNITAR C.A.R.E.

We equip students with essential skills through our C.A.R.E. framework: Collaborative, Adaptive, Reflective and Entrepreneurial.

Admission Requirements

- Pass STPM with a minimum Grade C (GPA 2.00) in two (2) subjects ; OR
- Pass in STAM with a minimum Grade of Jayyid in any TWO (2) subjects; OR
- Pass in Matriculation or Foundation studies with a minimum CGPA of 2.00; OR
- Diploma (Level 4, MQF) in Non-Computing with a minimum CGPA of 2.75. Candidates with a CGPA below 2.75 but more than 2.50 can be admitted subject to a thorough rigorous assessment; AND a credit in Mathematics at SPM level or its equivalent; OR
- Diploma in Computing fields (Level 4, MQF) or equivalent with a minimum CGPA of 2.50. Candidates with a CGPA below 2.50 but more than 2.00 may be admitted subject to a thorough rigorous assessment; OR
- Diploma Kemahiran Malaysia (DKM)/Diploma Vokasional Malaysia (DVM) in Computing fields with a minimum CGPA of 2.50 subjected to HEP Senate/Academic Board's approval and MUST attend bridging courses; OR
- Diploma Lanjutan Kemahiran Malaysia (DLKM) in Computing fields with a minimum CGPA of 2.50 subjected to HEP Senate/Academic Board's approval and MUST attend bridging courses.

English Requirements

International Students

- Achieve a minimum of Band 3.5 in MUET or equivalent to CEFR (High B1).

Scan Here to Discover More



UNITAR International University (DU004-B)

Tierra Crest, Jalan SS6/3,
Kelana Jaya, 47301 Petaling Jaya,
Selangor Darul Ehsan, Malaysia



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



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+603 7627 7200

Courses

Year 1

- Design Thinking / Bahasa Kebangsaan A
- Human Behaviour and Decision Making
- Principles of Generative AI and Applications
- Computer Organization and Architecture
- Data Communication and Computer Networking
- Falsafah dan Cabaran Semasa / Malaysian Citra
- Integriti dan Anti Rasuah / Integrity and Anticorruption
- Aspirasi Negara Bangsa / Bahasa Melayu Komunikasi 2
- Programming Principles and Techniques
- Operating Systems
- Leadership and Personal Development
- Recreational Event Planning
- English for Academic Purposes
- Databases
- System Analysis and Design

Year 2

- Information Security Management
- Discrete Mathematics
- Internet Programming
- Principles of Artificial Intelligence
- Specialization 1
- Object-Oriented Programming
- Introduction to Information System
- Software Project Management
- Specialization 2
- Algorithms and Data Structures
- Human Computer Interaction
- Computer Ethics and Cyber Laws
- Cloud Computing
- Specialization 3

Year 3

- Minor Project
- Elective 1
- Elective 2
- Specialization 4
- Major Project

- Elective 3
- Specialization 5
- Industrial Training

Open Electives

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

Specialisations

Cybersecurity

- Computer Forensics Investigation
- Ethical Hacking
- Secure Software Development
- Cryptography and Network Security
- Enterprise Disaster Recovery Planning

Computer Networking

- Cryptography and Network Security
- Cloud Networking Fundamentals
- Advanced Computer Networking
- Mobile Wireless Network
- Network Programming

Data Analytics

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

Cloud Computing

- Cloud and Mobile Computing
- Cloud Computing with DevOps
- Cloud Computing Architecture
- Cloud Security
- Visualization Concept

Career Prospects

- Systems Analyst
- Data Engineer
- System Administrator
- Data Analyst
- Computer Intelligence Officer
- Computer Network / Cloud Engineer
- Cybersecurity Compliance Officer / Auditor

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 with less time and cost by transferring credits from prior education/learning experience.