

BACHELOR OF Information Technology (Honours)

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Conventional: R3/0611/6/0061 (03/29) / A10597

ODL: R3/0611/6/0061 (03/29) / A10597

The Bachelor of Information Technology (Honours) at UniRazak is a forward-thinking program designed to prepare students for the demands of a rapidly evolving digital world. By blending theoretical foundations with hands-on practical experience, this program equips students with a deep understanding of technology, its applications, and its role in solving complex problems across various industries.

By completing this program, students will not only master the technical skills required to excel in IT but also develop leadership and innovation capabilities that make them future-ready professionals.



STUDY MODE: Flexible Learning

UNIRAZAK provides a flexible learning mode for its programme, which allows you to learn from any location and at your convenience. It is to access better learning and better student experience.

- Full-Time
- Conventional On Campus OR Open Distance Learning (ODL)

Duration: 3 Years



CAREER Opportunities

- Software Engineer
- IT Engineer
- Systems Analyst
- Software Architect
- Software Quality Control Officer
- Software Developer

Admission Requirements

STPM

- A pass in STPM with a minimum Grade of C (GP 2.00) in any TWO (2) subjects; **OR**
- A pass in STAM with a minimum Grade of Jayyid in any TWO (2) subjects; **OR**
- A 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**
- Candidates with a pass in Mathematics at SPM level need to take and pass the reinforcement Mathematics subject that equivalent to the SPM level. The reinforcement Mathematics subject must be offered in first semester or before enrolment with unconditional offer. **OR**
- v. 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**
- vi. Diploma Kemahiran Malaysia (DKM) / Diploma Vokasional Malaysia (DVM) in Computing fields with a minimum CGPA of 2.50 subjected to UNIRAZAK's Senate; **OR**
- vii. Diploma Lanjutan Kemahiran Malaysia (DLKM) in Computing fields with a minimum CGPA of 2.50 subjected to UNIRAZAK's Senate; **OR**
- viii. Other relevant and equivalent qualifications recognised by the Malaysian Government. (Candidates can be admitted if their admission qualification contains Mathematics subject (s) equivalent to Mathematics at the SPM level. If it is not equivalent, the reinforcement Mathematics subject equivalent to the SPM level must be offered in first semester or before enrolment with unconditional offer).

Notes:

- Students are required to pass the reinforcement Mathematics before being allowed to take related core courses. The candidate can sit for any subjects that did not indicate Mathematics as a prerequisite.
- Reinforcement Mathematics can contribute to the overall graduating credit.
- Students from Matriculation / Foundation or its equivalent can be exempted from taking reinforcement Mathematics, provided that the Mathematics offered at that programme level is equivalent / more than the Mathematics offered at an SPM level.

INTERNATIONAL

- A minimum score of Band 5.0 in the International English Language Testing System (IELTS)*; **OR**
- A minimum score of 40 for an Internet-Based Total (IBFT) for the Test of English as a Foreign Language (TOEFL)*; **OR**
- A minimum score of 7.5 for TOEFL Essentials (online); **OR**
- A minimum score of 47 in the Pearson Test of English (PTE); **OR**
- A minimum score of High B1 (154) in Cambridge English Qualifications and Tests; **OR**
- Band 3.5 in Malaysian University English Test (MUET); **OR**
- Successful attainment of High B1 (154) in CEFR-aligned exams by Cambridge English Qualification conducted by the Centre for Continuing Education (CCE).

Note:

The conditional offer letter will be issued to an international student who has not met the English Proficiency Requirement.

COURSES Offered

MPU COURSES

- Penghayatan Etika dan Peradaban
- Falsafah dan Isu Semasa
- Bahasa Melayu Komunikasi II
- Media and Society OR
- Introduction to Environmental Sustainability
- Bahasa Kebangsaan A
- Community Engagement and Volunteering OR
- Kursus Integriti & Anti-rasuah

CORE

- Information Technology Fundamentals
- Human Computer Interaction
- Information Security
- System Administration and Maintenance
- Computer Organization and Architecture
- Social and Professional Issues
- Web Systems and Technologies
- Databases
- Mathematics for Information Technology
- Statistics for Information Technology
- Fundamentals of Programming
- Networking Fundamentals
- Programming Principles and Techniques
- Object-Oriented Programming
- Platform Technologies
- Operating System
- Systems Analysis & Design

ELECTIVES *Choose any FOUR*

- Public Speaking 1
- Public Speaking 2
- Production and Operations Management
- Cost and Management Accounting
- Problem Solving & Decision Making
- Service Operations Management
- Leadership, Innovation and Change
- Organizational Design
- Quality Management Systems and Auditing
- Contemporary Issues in Business
- Negotiation and Conflict Resolution
- Organizational Development
- Quality Management
- Entrepreneurship and Innovation

INDUSTRIAL TRAINING

- Internship I for Information Technology
- Internship II for Information Technology

SPECIALIZATION

GENERAL

- Web Segmentation and Analytics
- Introduction to Information Science
- Management Information Systems
- Software Project Management
- Software Engineering
- Computer Ethics & Cyber Laws
- Data Communication & Computer Networking
- Multimedia System and Techniques
- Mobile Application Development
- Algorithm and Data Structures
- Operating System
- Systems Analysis & Design

COMPUTER FORENSIC

- Web Segmentation and Analytics
- Software Project Management
- Computer Forensics, Crime & Justice
- Principles of Computer Forensics
- Ethical Hacking
- Computer Forensics Implementation
- Advanced Issues in Computer Forensics
- Legal Aspects of Computer Forensics
- Cyber Attacks
- Digital Forensics
- Operating System
- Systems Analysis & Design
- Digital Investigation

SOFTWARE ENGINEERING

- Web Segmentation and Analytics
- Algorithm and Data Structures
- Software Project Management
- Software Quality and Metrics
- Software Architecture and Design
- Software Engineering
- Software Testing and Maintenance
- Requirements Engineering
- Object Oriented Software Engineering
- Mobile Application Development
- Operating System
- Systems Analysis & Design

DATA SCIENCE

- Web Segmentation and Analytics
- Introduction to Information Science
- Software Project Management
- Information Retrieval
- Artificial Intelligence and Intelligent System
- Data Warehousing and Data Mining
- Database Administration and Management
- Big Data Analytics
- Data Visualization
- Data Science

FINAL PROJECT

- Minor Project
- Major Project

**Subject to change*
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