

SCHOOL OF ARTIFICIAL INTELLIGENCE & DIGITAL TECHNOLOGIES

Bachelor of Information & Communication Technology (Honours)

(R2-DL/481/6/0482) (05/26) (A9489) - ODL
(R2/481/6/0762) (08/26) (MQA/FA1091) - CVL

PROGRAMME OVERVIEW

This programme is an innovative bachelor designed to equip students with the essential skills and knowledge required in today's technology-driven world. Throughout the programme, students engage with a diverse curriculum that covers key areas such as programming, networking, multimedia, and data management, while also exploring the societal impacts of technology. With its blend of theory and practical application, it prepares students upon graduation to adapt to the ever-changing landscape of information technology and succeed in their careers.

LEARNING OUTCOMES

- Apply and integrate advanced knowledge and skills in the field of information communication technology and management.
- Solve real world problems using information communication technology (ICT) approach and techniques.
- Express ideas and opinion effectively in various communication style, tools and media using digital and numerical skills.
- Recognise and formulate new approach or method in providing IT management solutions that demonstrate leadership, autonomy and responsibilities.
- Deliver and produce ideas and solutions with entrepreneurial and managerial qualities.
- Communicate and interact effectively by participating in a project-based assignment at individual or team level.
- Complete assigned tasks while maintaining good professional and ethical practices and social value in delivering services related to information communication technology.
- Discover new knowledge through informal sources and training (life-long learning).
- Relate the knowledge and skills in information technology management to the benefit of society.

PROGRAMME STRUCTURE

COMMON CORE SUBJECTS

- Fundamental Concepts of ICT
- Computer Programming
- Operating Systems
- Discrete Mathematics
- Information Systems Analysis & Design
- Database System
- Object Oriented Programming
- Computer Communication & Networks
- Introduction to Multimedia
- Human Computer Interaction
- Computer Security
- Management Information Systems

- Computer Ethics & Cyberlaw
- Knowledge Management
- ICT Project Management

Project Proposal
Final Project
Industrial Training

CONCENTRATION SUBJECTS

Choose one (1) concentration area only

- Information Systems
- Multimedia Computing
- Enterprise Networking
- Software Engineering
- Digital Marketing Technology and Analytics

UNIVERSITY COMPULSORY SUBJECTS

- Information Literacy & Research Skills

- Entrepreneurship in Asia

GENERAL SUBJECTS

Malaysian Student

- Academic Writing
- Integrity and Anti-Corruption
- Social Responsibility Project
- Penghayatan Etika & Peradaban
- Falsafah and Isu Semasa (Philosophy and Current Issues)

International Student

- Academic Writing
- Integrity and Anti-Corruption
- Social Responsibility Project
- Fundamentals of English Grammar
- Web Economy

PROGRAMME DELIVERY

Delivery Mode	Full-Time Study	Part-Time Study
Open & Distance Learning (ODL)	-	4 years 8 months
Conventional (CVL)	3 years	-

ENTRY REQUIREMENTS

MALAYSIAN

The minimum entry requirements are as follows:

- STPM or equivalent qualifications with at least Grade C (CGPA 2.0) in TWO (2) subjects; AND
- Credit in Mathematics at SPM level or Grade C (CGPA 2.0) at STPM level; or
- STAM (Grade Jayyid) AND
- Credit in Mathematics at SPM level; OR
- A Matriculation / Foundation Program with minimum CGPA of 2.00 AND credit in Mathematics at SPM level; OR
- UEC with at least Grade B in FIVE (5) subjects including Mathematics; OR
- A Diploma in Computer Science or Software Engineering OR Information System or equivalent qualifications with at least CGPA 2.50 AND credit in Mathematics at SPM level; OR Candidates with CGPA less than 2.50 but above 2.00 and credit in Mathematics at SPM level can be admitted subject to a rigorous internal assessment process; OR
- A Diploma in Science and Technology with minimum CGPA 2.50 can be admitted subject to a rigorous internal assessment process AND credit in Mathematics at SPM level; OR
- Other equivalent qualifications recognised.

INTERNATIONAL

The minimum entry requirements are as follows:

- 'A' Level or equivalent qualifications with at least Grade C (CGPA 2.0) in TWO (2) subjects; AND

- Credit in Mathematics at 'O' Level or Grade C (CGPA 2.0) at 'A' Level; OR
- A Diploma in Computer Science or Software Engineering or Information System or equivalent qualifications with at least CGPA 2.50 AND credit in Mathematics at 'O' Level; or Candidates with CGPA less than 2.50 but above 2.00 and credit in Mathematics at 'O' Level can be admitted subject to a rigorous internal assessment process; OR
- A Diploma in Science and Technology with minimum CGPA 2.50 can be admitted subject to a rigorous internal assessment process AND credit in Mathematics at 'O' Level; OR
- Other equivalent qualifications recognised.

Minimum English Language Requirements for International Students:

- Minimum score of 5.0 for IELTS OR its equivalent.

Note: If a student does not meet this requirement, AeU will offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme

Flexible Pathways

- Accreditation of Prior Experiential Learning for Access (APEL.A)
- Accreditation of Prior Experiential Learning for Credit Award (APEL.C)
- Accreditation of Prior Experiential Learning for Qualification (APEL.Q)
- Micro-credentials (speed.aeu.edu.my/speed-micro.php)

*Terms and Conditions Apply

AeU
ASIA e UNIVERSITY

aeu.edu.my

Wisma Subang Jaya, 106,
Jalan SS15/4, Subang Jaya
47500, Selangor



ASIA e UNIVERSITY
+603-50223456 | 1-300-300-238
enquiries@aeu.edu.my / aeu.edu.my

**Information is accurate as of June 2025 and is subject to change without prior notice, if applicable.