



PROGRAMME DESCRIPTION

The Bachelor of Information Technology (Honours) at Lincoln University College (Malaysia) equips students with skills to design, support and manage IT systems — from websites and applications to networks and databases — and allows specialisation in areas like software engineering, network security, mobile/web development or data analytics. Graduates are prepared for careers as systems analysts, network or database engineers, data analysts or IT specialists, with emphasis on technical competence, problem solving, teamwork, ethical practice and lifelong learning.

Through ODL, learning is delivered online with access to resources, e-library and distance-learning support, offering flexibility while awarding the same honours degree.

PROGRAMME AIM

The Bachelor of Information Technology (Honours) program aims to produce graduates who are able to:

- Produce knowledgeable and technically competent in the field of Information Technology in line with industry requirements locally and globally.
- Deliver effective communication, perform well as a team player and demonstrate good leadership qualities in an organization.
- Solve problems related to the field of IT, creatively, innovatively, ethically, using numerical and technical skills, and through a sustainable approach to solving information technology-related problems.
- Demonstrate entrepreneurship skills and recognize the need for lifelong learning, as well as using a broad range of information, media and technology applications for successful career advancement.

PROGRAMME DURATION

Full-time: 36 months

INTAKE AND ENTRY REQUIREMENTS

Intake: 1.March, 2.July, 3.November

- A pass in Sijil Tinggi Persekolah Malaysia (STPM) with a minimum Grade of C (GP 2.00) in any TWO (2) subjects; OR
- A pass in Sijil Tinggi Agama Malaysia (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, Malaysian Qualification Frameworks, MQF) in NonComputing 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 Sijil Pelajaran Malaysia (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 is equivalent to the SPM level. The reinforcement Mathematics subject must be offered in first semester or before enrolment with unconditional offer. 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 LUC Senate approval; OR

CAREER OPPORTUNITIES

Graduates of the Bachelor of Information Technology (Honours) can pursue diverse careers across the IT industry. The degree also provides a solid foundation for postgraduate studies and research in advanced computing fields. Opportunities include becoming:

- Programmer
- Software Engineer
- Software Developer
- IT Engineer, System Engineer
- System Administrator
- Database Analyst
- System Analyst
- Network Engineer

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- vii. Diploma Lanjutan Kemahiran Malaysia (DLKM) in Computing fields with a minimum CGPA of 2.50 subjected to LUC Senate approval; 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).

English Competency Requirement for International Student:

International students must have proof of good proficiency in verbal and written English. For example, International English Language Testing System (IELTS) score of 5.0 or its equivalent. If a student does not meet this requirement, LUCs must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

Sl. No.	Subject Name
1	Business English
2	Basic Computer Architecture
3	Principles of Information Technology
Elective (Choose any one module from the following)	
4	Falsafah dan Isu Semasa/Philosophy and Current Issues
	Malay Language Communication 2
5	Computer Related Mathematics and Statistics
6	Penghayatan Etika dan Peradaban/Appreciation of Ethics and Civilizations
7	Introduction to C++ Programming
8	Operating Systems
9	Human Relations and Leadership Skills
10	Discrete Mathematics
11	Values & Ethics in Profession
12	Kerajaan Malaysia dan Dasar Awam/Malaysian Government and Public Policy
13	Object Oriented Programming
14	Database Management System
15	Visual Programming
16	Data Communication and Networks
17	Web Technology
18	Human Computer Interaction

Sl. No.	Subject Name
19	Information Systems Security
20	Data Structure & Algorithm
21	Cryptography & Network Security
22	Management Information System
23	Organizational Behaviour
24	Digital Electronics and Logic Design
25	System Administration and Maintenance
26	Multimedia Systems
27	Industrial Management
28	System Analysis and Design
29	Project Management
30	Server-Side Programming
31	Artificial Intelligence
32	Cyber Security Law & Policy Analysis
33	Final Year Project
34	Android Programming
35	Linux Administration
36	Industrial Training

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