Bachelor of Information Technology (Hons)

(R2/481/6/0611) (A 11216) 07/2025

This programme is designed to provide high-quality undergraduate education to the students with the objective of preparing them for prolific careers and providing graduate training in the area of IT. This programme will reinforce IT areas while inventing and implementing new technology. The graduates will be able to apply sound judgement to the production, communal, ethical, and professional issues of the rapidly developing computing industry.

BENEFITS

We put a premium on instilling students with the expertise and skills to take on the new challenge of a career in IT. Graduates may find employment as computing professionals in both the commercial and technical sectors of the computing industry. Employers might be in manufacturing, commerce, small businesses, financial enterprises, public utilities, education, or welfare.

CAREER PROSPECTS
• Web Developer
• Programmer
• Database Analyst
• Network Engineer
• Data Analyst
• IT Market Executive

ENTRY REQUIREMENTS

Matriculation/Foundation: Minimum CGPA of 2.0 (Including Mathematics) OR
STPM: Minimum C (GPA of 2.0) 2 subjects & credits in Mathematics OR
Diploma in Computer Science/ Software Engineering/ Information Technology/ Information Systems: Minimum CGPA of 2.5 with credits in Mathematics OR Diploma in Science & Technology: Minimum CGPA of 2.5 with credits in Mathematics OR

For International Students
IELTS: Minimum 4.0

Duration of study
3 year

Credit Hours
120

SUBJECTS OFFERED

YEAR 1
• English for Academic Purposes
• Academic Skills/ Bahasa Kebangsaan A
• Fundamental of Information Technology
• Introduction to Multimedia
• Computer Programming
• Professional Communication in IT
• English for Employment
• Fundamental of Computational Thinking: Python
• Discrete Mathematics
• Software Engineering
• Data Structure
• Computer Organization
• Operating System
• Database System
• Object-Oriented Programming

YEAR 2
• Hubungan Etnik / Pengajian Malaysia II
• Web Development
• Data Warehousing
• System Analysis & Design
• Artificial Intelligence
• Fundamentals of Modern Data
• Tamadun Islam Dan Tamadun Asia (TITAS) / Bahasa Melayu Komunikasi II
• Computer Communication and Networks
• Web Programming
• Cyber Security
• Decision Support System
• Introduction to Mobile App Development/Cloud Foundation*
• Co-Curriculum
• Human Computer Interaction

• DevOps: Transforming & Improving/ Cloud architecting*

YEAR 3
• Network Management
• Introduction to NoSQL Data Solutions/ Fundamental of Blockchain*
• Project 1
• Software Project Management
• E-Commerce
• Analyzing and Visualizing Data with Power BI/ Excel/ Advance Blockchain and cryptography*
• Entrepreneurship
• Project 2
• Industrial Training
* Elective Subjects