BACHELOR OF INFORMATION TECHNOLOGY (HONS)

In collaboration with

Coventry University

This programme aims to produce graduates with competent Information Technology (IT) skills in the area of Business Intelligence (BI). IT plays an increasingly important role in the success of organisations of all sizes. As companies expand, they rely more on sophisticated tools and specially trained personnel to make technology a competitive advantage. Gartner Inc. predicts that 30% of the enterprise business drivers will align with analytics completely, considering the increasing consumerisation of BI (e.g., mobile BI), the growing volume and variety of available data, and the soaring speed of business.

Programme structure

Level 1
- Computer Architecture
- Computer Ethics
- Fundamentals of Operating Systems
- Fundamentals of Software Engineering
- Introduction to Enterprise Resource Planning
- Graphic Design & Animations
- Mathematics for Computing
- Object-oriented Programming
- Programming Techniques & Algorithms
- Quantitative Methods
- Systems Analysis & Design

Level 2
- Computer Communication & Network
- Database System Concepts
- Human Computer Interface
- Information Assurance & Security
- IT Service Management
- Systems Development Tools & Techniques

Electives:
(Choose two)
- Business Intelligence
- Digital Video & Sound Technology
- Multimedia Scripting

Level 3
- Computational Modelling & Simulations
- Enterprise Architecture
- Interactive Web Programming
- IT Project Management
- Project I
- Project II

Electives:
(Choose three)
- 3D Animation & Production Techniques
- Data Mining Technologies
- Ludology
- Search Engine Technologies
- Visual Communication & Typography

Internship

MPU subjects
- Bahasa Kebangsaan A*
- Community Service & Co-curriculum
- Entrepreneurship
- Ethnic Relations (Local students) / Communicating in Malay 2 (International students)
- Islamic & Asian Civilisation (Local students) / Malaysian Studies 3 (International students)
- Presentation Skills

*For Malaysian students who do not have a credit in SPM