

## Bachelor of Information Technology (Honours)

**Available in:** Johor Bahru, Malaysia

**Intake (Johor Bahru, Malaysia):** January, May, September

**Website:** [www.Raffles-IAO.com](http://www.Raffles-IAO.com)

## 3-Year Bachelor of Information Technology (Honours)

### Year 1

- Information Technology Essentials
- Principles of Computer Programming
- Discrete Mathematics
- Critical Thinking
- System Analysis and Design
- Computer Organisation and Architecture
- Databases
- Operating Systems
- Algorithms
- Web Programming
- Computer Networks
- Mobile Applications Development
- Human Computer Interaction
- Data Communications
- Ethics Appreciation and Civilisation / Malay Language Communication 1

### Year 2

- Software Engineering
- Data Processing and Visualisation
- Philosophy and Current Issue
- Cloud Computing
- Elective 1
- Computer Security
- Object Oriented Programming
- Creative Thinking / Bahasa Kebangsaan A
- UI / UX Design
- Artificial Intelligence Methods
- Ethics and Professional Practice in Computing
- Data Analytics
- Data Mining and Warehousing
- Project Management

### Year 3

- Project I
- Entrepreneurship and New Business Development
- Internet of Things
- Elective 2
- Integrity and Anti-Corruption
- Project II
- Parallel and Distributed Computing
- System Administration and Maintenance
- Professional Attachment

### Elective

- Marketing
- Fundamentals of Management
- Business Communication
- Emotion and Motivation
- Cyber Psychology
- Introduction to Multimedia
- Game Design

---

Note: Curricula are subject to change.