

## Bachelor of Information System (Honours) in Artificial Intelligence

**Available in:** Indonesia, Malaysia, Thailand

**Intake (Indonesia):** January, April, July, October

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

**Intake (Thailand):** January, April, July, October

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

## 3-year Bachelor of Information System (Honours) in Artificial Intelligence

### 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
- Neural Network Basics
- Ethics Appreciation and Civilisation / Malay Language Communication 1

### Year 2

- Software Engineering
- Data Processing and Visualisation
- Philosophy and Current Issue
- Statistics for Artificial Intelligence
- Deep Learning Fundamentals
- Computer Security
- Object Oriented Programming
- Creative Thinking / Bahasa Kebangsaan A
- UI / UX Design
- Artificial Intelligence Methods
- Ethics and Professional Practice in Computing
- Applied Computer Vision
- Intelligent Agents Design
- Natural Language Processing

### Year 3

- Project I
- Entrepreneurship and New Business Development
- Knowledge Representation
- Deep Neural Network Architectures
- Integrity and Anti-Corruption
- Project II
- Parallel and Distributed Computing
- Elective 2
- 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.