



WHAT IS INFORMATION SYSTEMS?

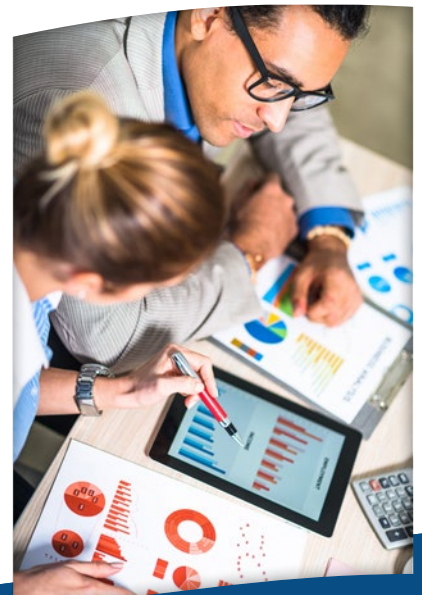
Information systems is all about effectively managing the appropriate software to support an organisation's decision making and communications. This is achieved by the use of relevant information systems concepts and tools.

It is vital in a business environment, providing solutions and services to various industries while solving many business challenges globally.

WHAT DOES AN INFORMATION SYSTEMS PROFESSIONAL DO?

Information systems professionals use information technology and management know-how to design business applications and transform information into effective decisions.

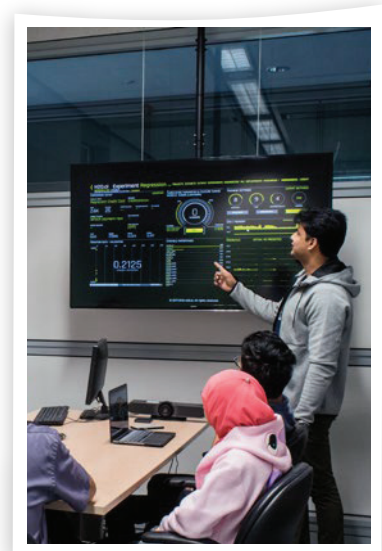
They provide scientific solutions in solving complex information systems issues and improve the overall quality of the products and services.



A peek into an Information Systems professional's day

WHY STUDY INFORMATION SYSTEMS AT UTP?

- 1 The programme is systematically designed with strong feedback from industry experts, academics and alumni as well as equipped with the recent IR 4.0 requirements of data science, internet of things (IOT), data analytics and artificial intelligence
- 2 Students can choose specialisations that are in demand by the industry during their final year of study
- 3 World-class teaching and learning, research capabilities as well as state-of-the-art labs and facilities
- 4 Strong partnership with multinational companies such as PETRONAS, Microsoft and Huawei
- 5 UTP graduates are highly employed by oil and gas industry employers and software companies with 90% being employed within 6 months after graduation
- 6 More than 70% of UTP alumni are currently working in oil and gas industry
- 7 The academic staff are highly qualified and experienced. Thus, undergraduate students can benefit greatly from their knowledge and expertise
- 8 Strong industry based syllabus which qualifies students to take-up professional certification modules, such as Certified Tester by the International Software Testing Qualifications Board (ISTQB), Certified Professional Requirements Engineer by the International Requirements Engineering Board (IREB) and Malaysia Software Testing Board (MSTB)
- 9 Ranked within the top 400 in the QS World University Rankings by Subject in 2019



WHAT AM I GOING TO LEARN?

National / University

- Management, Social Sciences and Humanities
- Introduction to Oil and Gas
- Scientific Inquiry
- Co-Curriculum

Specialisation

- Data Analytics
- Cyber Security
- Enterprise Systems
- Software Quality

Common Core

- Programming
- Health, Safety and Environment
- Statistics
- Data Science
- Database
- Project Management

Project Based

- Technopreneur Team Project
- 7 months Structured Industrial Internship Programme
- Community Engagement Project
- Final Year Research Project

Core Discipline by Programme

- Enterprise Resource Planning
- System Analysis and Design
- Knowledge Discovery
- Information Systems Strategy and Planning
- Business Intelligence

Minor

- International Relations
- Corporate Management
- Financial Management

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