Bachelor of Information Systems (Hons) Business Information Systems (IB)

Programme Aims

The aim of Bachelor of Information Systems (Hons) Business Information Systems is to equip students with good knowledge and skills to incorporate business requirements or needs onto information systems or solutions. Students are exposed with formal methods and techniques on studying business requirements in order to develop a system that can match the needs of an organisation.

Programme Objectives

This programme prepares graduates to:
1. be technically competent in design, development and implementation of Business Information Systems
2. have strong analytical and critical thinking skills to solve problems by applying knowledge, principles and skills in Business Information Systems
3. understand business requirements and have the ability to plan, design and manage business information systems, with the relevant technology and knowledge to enhance organisational performance
4. possess knowledge and skills to become both computer-savvy business people and business-savvy technical people for lifelong learning, research and career development
5. develop application systems to support the business services
6. possess communication, team, leadership and interpersonal skills, and awareness of the social, ethical and legal responsibilities
7. have entrepreneurial skill and a broad business and real world perspective

Programme Learning Outcomes

Upon the completion of the programme, the students will be able to:
1. present and discuss business systems and information systems models, systems framework, business processes, application systems, enabling technology, and resource requirements
2. identify and determine business, systems, technology and resource requirements for proposal and development of business information system with the training of technopreneurship
3. assess suitability of technology and resources, and feasibility of business application systems and information systems proposals
4. formulate approach to design, development, utilisation and integration of appropriate business systems and technology
5. participate in design, development and implementation of functional business application and information systems, as well as in systems policy
development and in adopting best practices for development of business systems
6. utilise the internet and its technology effectively for business communications and to propose and develop suitable business application solutions and systems
7. examine and evaluate trends in emerging technology, business systems, and development of business and information systems
8. assess and apply ethical and legal principles in information system scenarios or circumstances
9. apply skills and principles of lifelong learning in academic, research and career development
10. apply effective soft skills of communication, teamwork and leadership with peers, clients, superiors and society at large