ISEM   3221-2   Development of Small Management   (6,4,2)
Information Systems
Prerequisite: ISEM 2480 Business Systems Analysis and Design
This course aims at training and developing the students with the skills to design and implement real-life system, with emphasis on data analysis, project management and system implementation. Each student is required to participate in the development and implementation of a small computer-based information system. An oral presentation and submission of a written report are expected at the end of the term.

ISEM   3240   Electronic Commerce   (3,3,0)
Prerequisite: ISEM 2450 Management Information Systems
This course will provide students with an understanding of the tools, skills, business concepts, strategic opportunities and social issues that surround the emergence of electronic commerce on the Internet. Students will develop an understanding of the current practices and opportunities in e-commerce. This course will also explore many of the problems surrounding e-commerce such as security, privacy, intellectual property rights, acceptable use policies, and legal liabilities.

ISEM   3410   Telecommunications and Networking   (3,3,0)
in Business
Prerequisite: ISEM 2450 Management Information Systems
This course presents the general principles and components of telecommunications and automation systems in business. Later, emphasis is placed on applications and management strategies behind network management and operations within a telecommunications environment.

ISEM   3600   Strategic Planning for MIS   (3,3,0)
Prerequisite: ISEM 2450 Management Information Systems
This course aims to expand management competence by examining how information technology can be used as a strategic asset to achieve competitive edges and improve business processes. In particular, it discusses various managerial issues in relation to strategic planning for management information systems.

ISEM   3610   Decision Support and Intelligent   (3,3,0)
Systems in Business
Prerequisite: ISEM 2480 Business Systems Analysis and Design
This course aims to study the basic concepts of decision making, data collection, heuristic, and analytical models. Students subsequently learn how to combine these elements to construct a DSS/expert system to assist decision making at the executive level and solve unstructured problems. In addition, new dimensions of intelligent systems such as neural computing and data mining are also studied.

ISEM   3630   Multimedia and Automated   (3,3,0)
Systems in Business
Prerequisite: ISEM 2450 Management Information Systems
This course is divided into two main components. In the first component, students will learn how to use one or more common multimedia software packages that incorporate various files types (such as sound, animation and video). The objective is to give hands-on experience to students of using these multimedia software packages. In the second component, student will learn some contemporary planning, production, and management issues of multimedia systems.

ISEM   7030   Current Issues in Electronic Commerce (2,3,0)
This course aims to explore the contemporary issues and current development in relation to e-commerce and e-business. In particular, it examines the impact of e-commerce on different business areas and discusses how to effectively utilize e-commerce to achieve competitive advantages in different market environments.

ISEM   7040   Managing Information Systems   (2,3,0)
Information technology (IT) and information systems (IS) play a crucial role in shaping and enabling business strategies. The advance of Internet applications and complex organizational information systems has provided ample opportunities for organizations to redesign their business processes to face the highly competitive markets. This course discusses how firms can use IS/IT effectively in the new networked economy.

ISEM   7210   Business Processes and Information   (3,3,0)
Management
The transformation of business caused by e-business and e-commerce applications of the Internet and related technologies demonstrates that information systems and information technology are essential ingredients for business survival and success. The goal of this course is to help the business professionals in the accounting and financial areas to understand how to use and manage information technologies and use them to revitalize business processes, conduct e-commerce, improving business process decision making, and to gain competitive advantages.

ISEM   7710   Seminar in Management Information   (3,3,0)
Systems
This course aims at providing opportunity for MPhil and PhD students to further their knowledge of MIS in two areas. The first area is to gain understanding of the MIS development in Asia Pacific region. The second area refers to selected topics of the MIS discipline. The selection of topics is highly dependent on the interests of instructors and students, and the current trends of MIS discipline. Students are required to participate in discussions and to submit a summary report on each selected topic.

ISEM   7720   Advanced Management Information   (3,3,0)
Systems
This course deals with the management of information technology as it is being practised in organizations today. The course will firstly discuss the managerial issues encountered in daily operations of information systems, and then will deal with the functional issues of information systems involved in running a modern organization.

ISEM   7730   Required Readings in Information   (3,3,0)
Systems and e-Business Management
This course aims to (1) provide a tailor-made and guided reading program for research postgraduate students in specific area(s) of concentration, and (2) induce students to acquire in-depth understanding of their specific research field in the discipline of information systems and e-Business management. The supervisor and the student are required to work out a reading list to cover literature supplementary to the student's research area. The approved list will be submitted to the Department for record.

ISEM   7740   Required Readings in Operations   (3,3,0)
Management Research
This course aims to (1) provide a tailor-made and guided reading program for research postgraduate students in operations and supply chain management areas, and (2) induce students to acquire in-depth understanding of their specific research fields in the discipline of operations management. The supervisor and the student will work out a reading list to cover literature enrichment to students' research areas. The approved list will be submitted to the Department for record.

I.T.   1120   Business Information Systems   (3,2,1)
This course is designed for the leaders of tomorrow. Its special aim is to prepare students for the challenges of tomorrow's workplace by equipping them with practical knowledge and skills to engage in fast-moving information technology (IT). Its main thrust is the incorporation of essential as well as tailor-made, forward-looking IT concepts illustrated with real-world examples and coupled with hands-on experiences in the support of the information management cycle. In addition, applications of information systems (IS) in different business areas and the IS development cycle are introduced.