Master of Science (MSc) Program in Information Systems Management

Academic Director:

Theodore H. CLARK, Associate Professor of Information Systems, Business Statistics and Operations Management

As Hong Kong has moved from a manufacturing and export-based economy to a service-based economy, the demand for support of services has surged. The delivery of services on an international scale calls for adequate information systems support. The Master of Science (MSc) program in Information Systems Management is designed to meet the rapidly increasing demand for middle and senior level information systems professionals. It aims to prepare professionals for career advancement within the field of information systems. Students would gain fundamental and advanced training in the core skills of the field, and an education in basic management knowledge as applied to the information systems function in modern business organizations. This is not a technical degree; studies are focused on management of information systems technology functions and staff.

Target students would be drawn from two groups:

1. Business executives who want to harness IT for their companies' competitiveness; and
2. IT professionals pursuing career advancement and management training.

Successful candidates for admission would typically have a few years of work experience, a strong quantitative background, and a desire to harness technology for their companies' competitiveness.

Admission Requirements

Applicants must possess a bachelor's degree or equivalent from a university or a recognized institution, with at least second class honors. Furthermore, they are recommended to present a satisfactory score on the GRE or GMAT, with a strong showing in both quantitative and verbal skills.

Program Duration

This part-time program can be completed in 16 months provided the student attends Winter and Summer terms. Classes will be conducted on Saturdays.

Program Fee

The program fee for the 2012-13 intake is HK$132,000 for the entire program.

Curriculum

Students are required to complete 30 credits of coursework as follows:

1. Core courses (12 credits):

ISOM	5100	Information Strategy and Management
ISOM	5280*	Computer and Internet Security Management
ISOM	5320	Electronic Commerce
ISOM	5370	Technology and Innovation Management
ISOM	5460#	Project Management
ISOM	5700	Operations Management

2. Required courses (0-6 credits):

   Subject to the decision of the Academic Director, students who do not have sufficient background in information systems, computer science or engineering may be required to take the following three required courses:

ISOM	5180^	Applied Network Management
ISOM	5260	Fundamentals of Database Management
ISOM	5290	Information Systems Development Methodologies

3. Elective courses (12-18 credits):

ISOM	5030	Business Simulation and Strategic Decisions
ISOM	5050	Business Essentials for IT Professionals
ISOM	5130	Information Systems Outsourcing Management
ISOM	5150	Strategic Information Infrastructure
ISOM	5200	Innovation and Intellectual Property Law
ISOM	5210	Knowledge Management
ISOM	5230	Consumer Privacy Management in the Information Economy
ISOM	5250	Business Modeling with VBA
ISOM	5270	Data Mining for Business Intelligence
ISOM	5300	Information Infrastructure Policy and Regulation
ISOM	5360	Information Systems Auditing
ISOM	5380	Information Systems Assurance and Forensic Investigation
ISOM	5450	Technology Consulting
ISOM	5480	Technology Entrepreneurship
ISOM	5720	ERP and Enterprise Systems Management
ISOM	6000-6100	Special Topics in Information Systems
ISOM	6390	Independent Study in Information Systems
ISOM	6350	MSc Research Project

   Plus any other courses approved by the Academic Director.

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* *Students with CISSP, CISM or GCIH professional certification may apply for substitution for ISOM 5280.*

\# *Students with PMP professional certification may apply for substitution for ISOM 5460.*

^ *Students with CCNA professional certification may apply for substitution for ISOM 5180.*

Graduation Requirements

Students must complete the program with a graduation grade average (GGA) of 2.850 or above as required of all postgraduate students at the University.