

# Catalog of Postgraduate Programs and Curricula

## Curriculum for MSc(ISM) (For students admitted in 2010-11)

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### Curriculum for Master of Science (MSc) Program in Information Systems Management

#### Credits

To complete a **minimum number of 30 credits** of coursework, including:

- 12 credits of core courses;
- 0 - 6 credits of required courses; and
- 12 - 18 credits of elective courses.

#### Courses

1. Core courses (12 credits):

ISOM	510	<i>Information Strategy and Management</i>
ISOM	528*	<i>Computer and Internet Security Management</i>
ISOM	532	<i>Electronic Commerce</i>
ISOM	537	<i>Technology and Innovation Management</i>
ISOM	546#	<i>Project Management</i>
ISOM	561	<i>Operations Management</i>

\* *Students with CISSP, CISM or GCIH professional certification may apply for substitution for ISOM 528.*

# *Student with PMP professional certification may apply for substitution for ISOM 546.*

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	518 <sup>^</sup>	<i>Applied Network Management (CISCO – INTRO)</i>
ISOM	526	<i>Fundamentals of Database Management</i>
ISOM	529	<i>Information Systems Development Methodologies</i>

<sup>^</sup> *Students with CCNA professional certification may apply for substitution for ISOM 518.*

3. Elective courses (12-18 credits):

ISOM	503	<i>Business Simulation and Strategic Decisions</i>
ISOM	505	<i>Business Essentials for IT Professionals</i>
ISOM	515	<i>Strategic Information Infrastructure</i>
ISOM	520	<i>Innovation and Intellectual Property Law</i>
ISOM	521	<i>Knowledge Management</i>
ISOM	5230	<i>Consumer Privacy Management in the Information Economy</i>
ISOM	5250	<i>Business Modeling with VBA</i>
ISOM	527	<i>Data Mining for Business Intelligence</i>

ISOM	530	<i>Information Infrastructure Policy and Regulation</i>
ISOM	535	<i>Introduction to Internet Programming</i>
ISOM	536	<i>Information Systems Auditing</i>
ISOM	5380	<i>Information Systems Assurance and Forensic Investigation</i>
ISOM	550	<i>Information and Entrepreneurship Management</i>
ISOM	564	<i>ERP and Enterprise Systems and Management</i>
ISOM	610-611	<i>Special Topics in Information Systems</i>
ISOM	695	<i>Independent Study in Information Systems</i>
ISOM	696	<i>MSc Research Project</i>
ISOM	5130	<i>Information Systems Outsourcing Management</i>

Plus any other courses approved by the Academic Director.