



# M.Sc. In Systems Design & Management (SDM)

2010 Intake

To complete the program, students need to take all 4 core modules (16MCs). The remaining 24 MCs are from the list of elective modules divided into 2 foundation areas. A minimum of 8 MCs is to be obtained from each foundation area.

## ADMISSION REQUIREMENTS

- Relevant Bachelor's degree with honors or its equivalent

## PERIOD OF STUDY

Full Time: at least 2 semesters, recommended—3 semesters (3:3:4)\*

Part Time: at least 4 semesters, recommended—5 semesters (2:2:2:2:2)\*

\* number of modules for each semester

## TUITION FEES

	Full Time	Part Time
• S'pore	- S\$2945/semester	- S\$1475/semester
• S'pore PR	- S\$3240/semester	- S\$1620/semester
• International	- S\$7365/semester	-



**DIVISION OF ENGINEERING &  
TECHNOLOGY MANAGEMENT  
FACULTY OF ENGINEERING**

Block E3A, #04-09  
7 Engineering Drive 1,  
Singapore 117574  
Tel: (65) 6516 7642  
Fax: (65) 6776 0755  
Website:  
[www.eng.nus.edu.sg/etm/](http://www.eng.nus.edu.sg/etm/)

## Each module:

13 weeks of lecture

Lectures are from 6 - 9pm,  
Mondays to Fridays.

Semester 1 starts in 1st  
week of August 2010

Semester 2 starts in 2nd  
week of January 2011

Application for MSc. in  
SDM opens in mid-January  
2010. Deadline for applica-  
tion is in 1st week of March  
2010.

For application forms and  
information, please visit  
our website. Thanks!

## Core Modules

SDM5001 Systems Architecture

SDM5002 Systems Engineering

SDM5003 Knowledge Management

IE5208 Systems Approach to Project  
Management

## Electives

### 1. Systems methodology and management

BMA5004 Management & Organization

MT5007 Management of Technological  
Innovation

IE5003 Cost Analysis & Engineering Economy

IE5202 Applied Forecasting Methods

IE5203 Decision Analysis

IE5404 Large Scale Systems Engineering

IE5409 Topics in Systems Engineering

PP5240 Applied Policy Analysis

### 2. Systems application

MT5002 Management of Industrial R&D

MT5003 Creativity and Innovation

MT5004 User-centred Engineering & Product  
Development

MT5006 Strategic and New  
Product Development or

IE5211 New Product Management

BMA5010 Managing Operations

CE5804 Global Infrastructure Project  
Management

CN5191 Project engineering

EE5702 Advanced Power Systems Analysis

ESE5102 Sludge & Solid Waste Management

IE5401 Industrial Logistics

ME5202 Energy Engineering

ME5602 Manufacturing Systems Engineering

TD5101 Specification of Complex Hardware /  
Software Systems

TP5026 Transportation Management & Policy

TP5028 Intermodal Transportation Operations

SDM5990 SDM Research Project (8MCs)