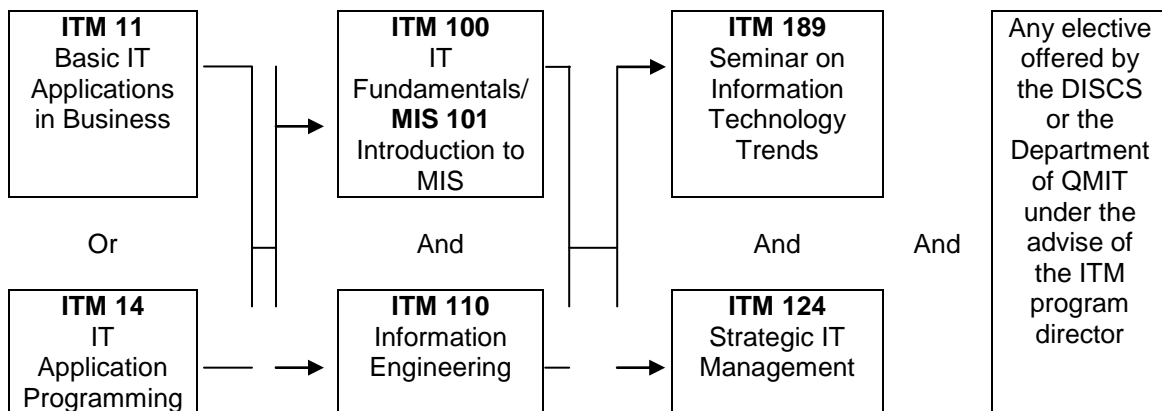# INFORMATION TECHNOLOGY MINOR

This minor intends to equip SOM majors with the knowledge and skills necessary in identifying and managing information technology solutions to help attain business objectives. It includes courses covering IT infrastructure and business applications, technology planning, and information resource planning. Graduates of the program may opt to pursue IT consulting and management.

Diagram of Minor

ITM 11 Basic IT Applications in Business	ITM 100 IT Fundamentals/ **MIS 101** Introduction to MIS	ITM 189 Seminar on Information Technology Trends	Any elective offered by the DISCS or the Department of QMIT under the advise of the ITM program director
Or	And	And And	
ITM 14 IT Application Programming	ITM 110 Information Engineering	ITM 124 Strategic IT Management	

Course Offerings

ITM 100 - IT Fundamentals: This course provides students with an overview of essential information technology infrastructure. The life cycle and administration of hardware, software and telecommunications will be discussed. Trends in infrastructure will also be covered.

ITM 110 - Information Engineering: Information Engineering focuses on applications designed to support various business functions and different business needs. Enterprise resource planning systems, supply chain management systems, customer relationship management systems, decision support systems, expert systems and data warehousing will be discussed. This course will also touch on knowledge management and electronic commerce, fueled by multimedia and internet technology.

ITM 189 - Seminar on Information Technology Trends: It presents IT current trends, developments and innovations while also discussing key IT concerns at an advanced and integrated level. Students will be required to make technology assessment of current technology products and will be required to present these in class. Development of a technology business plan will also be required. This will train the students in writing and presenting business plans where technology plays a vital role in the business.

ITM 124 Strategic IT Management: In this capstone course of the IT minor program, information systems architecture and planning, especially as it relates to an organization's strategies, will be discussed. Students will be exposed to the challenges inherent in managing an IT organization, as change management, business case formulation, IT audit, IT performance measurement and economics and IT ethics will be covered.

Electives

This allows the student to explore an area of interest in information systems or IT management. Recommended electives include Database Management, Multimedia Systems, E-Commerce, and Systems Analysis and Design.