4.2.9.2 Degree Requirements

To qualify for the degree of MSc (Management of Technology), a full-time or part-time candidate must successfully complete a programme of study of at least 40 MCs, which consists of the following:

(a) At least 16 MCs from the list of core modules
(b) The remaining MCs can be obtained from both the lists of core and/or elective modules, to make up a total of 40 MCs. Subject to the approval of the Programme Manager for MSc (MOT), students may be allowed to take up to 8 MCs outside the prescribed curriculum, in lieu of the required modules to complete the MSc degree.

In addition, a student must obtain a minimum CAP of 3.00 (B-) for the best modules equivalent to 40 MCs.

Core Modules
All the following core modules are 4 MCs each.
MT5001 IP Management
MT5002 Management of Industrial R&D
MT5003 Creativity and Innovation
MT5007/BMA5115 Management of Technological Innovation
MT5011 Finance for Engineering & Technology Management*
MT5012 Marketing of High-Technology Products and Innovations
IE5003 Cost Analysis and Engineering Economy*
IE5208 Systems Approach to Project Management^
SDM5004 Systems Engineering Project Management^

Elective Modules

Unless otherwise indicated, the elective modules below span different relevant areas and are 4 MCs each.
MT5005 IP Law for Engineers and Scientists
MT5006 Strategic & New Product Development*
MT5008/BMA5404 Corporate Entrepreneurship
MT5009 Analyzing Hi-Technology Opportunities
MT5010 Technology Intelligence & IP Strategy
MT5016 Business Models for Hi-Tech Products
MT5017 Integrative Design Thinking Workshop
MT5018 Managing and Organizing Open Innovation
MT5900 MOT Research Project (8MCs) +
MT5901 Management Practicum (2 MCs) +
MT5902 Management Extended Practicum +
MT5900 MOT Research Project (8 MCs)
MT5911 Venture Funding
MT5912 Frugal Innovation
MT5913 TechLaunch – Experiential Entrepreneurship
MT5920 Enterprise Development
MT5921 Market Gaps – A Search for Innovation Opportunities
MT5966 Overseas Internship Project and Attachment (12 MCs) +
MT6001 Research in Tech & Innovation Management®
BMA5004A Management & Organization (2 MCs)
BMA5010A Managing Operations (2 MCs)
BMA5108 Technopreneurship
IE5121 Quality Planning and Management*
IE5203 Decision Analysis
IE5211 New Product Management
IE5401 Industrial Logistics
SDM5001 Systems Architecture
SDM5002 Systems Engineering
SDM5003 Knowledge Management
PP5220 National Science & Technology Policy
PP5293 Ruling the Net: IT and Policy Making

* # ^ Modules with the same symbol are mutually exclusive.

‘ Students are not allowed to take more than 8 MCs worth of project/practicum modules. Students who are on the overseas internship
project and attachment will not be allowed to take any of the project/practicum modules.

@ Module is meant for students who are interested to do research and want to contribute to the knowledge of Technology & Innovation
Management.

**MSc (Management of Technology) with specialisation in Innovation & Entrepreneurship**

To be eligible for the specialisation, students must successfully complete a programme of study of at least 40 MCs and achieve a minimum CAP of 3.00, which consists of the following:

6 Compulsory Core Modules
MT5001 IP Management
MT5003 Creativity and Innovation
MT5007/BMA5115 Management of Technological Innovation
MT5011 Finance for Engineering & Technology Management
MT5008/BMA5404 Corporate Entrepreneurship
MT5913                          TechLaunch – Experiential Entrepreneurship

Set 1 Electives (Choose any 2)
MT5902                          Management Extended Practicum
MT5912                          Frugal Innovation
MT5920                          Enterprise Development
MT5921                          Market Gaps – A Search for Innovation Opportunities

Set 2 Electives (Choose any 2)
MT5002                          Management of Industrial R&D
MT5010                          Technology Intelligence & IP Strategy
MT5911                          Venture Funding

Note: Please note that not all modules listed are necessarily available in any one semester or year. A good GRE/GMAT score is needed to take the BMA electives from NUS Business School.