3.3.4 Minor in Management of Technology

Technology plays a key role in the growth of a business. The Minor in Management of Technology (MOT) aims to bridge the gap between engineering and business undergraduate education through a prescribed set of modules. The objective is to enable graduates to function effectively in a technical and interdisciplinary environment typical to technology-oriented business. Graduates would know business implications of technology and be able to appropriately use technology. They will understand market forces and the financial implications of technology investment.

This minor programme is open to students from the Faculty of Engineering, Faculty of Science and School of Computing. Students who are in the Minor in Business, Minor in Management or Minor in Technopreneurship programmes are not eligible to apply for the Minor in MOT Programme.

Requirements

To be awarded a Minor in Management of Technology, students must pass six modules, equivalent to 24 Modular Credits (MCs). These 24 MCs are divided into two sets of modules: Set 1 and Set 2. Students are to choose two modules from Set 1, and the remaining from Set 2. Students are recommended to take Set 1 modules first before taking Set 2 modules.

For students admitted prior to AY2014/2015, modules counted towards fulfilment of the Minor requirements must be letter graded. A module taken on Satisfactory/Unsatisfactory basis cannot be used to satisfy the Minor requirements.

For students admitted from AY2014/5 onwards, a minimum 16 MCs of the Minor requirements must be earned from modules read in NUS. Modules read at NUS include all modules taught, co-taught, supervised or co-supervised by one or more NUS faculty members. These would consist of graded modules with assigned grade points, or modules with an ‘S’ or ‘CS’ grade. The other 8 MCs may be earned through credit transfers, advanced placement and exemptions, provided these MCs are earned from modules deemed relevant to the Minor programme.

Curriculum for students in cohort AY2016/2017 and prior

(A) Set 1 Modules (Choose any 2)
MNO1001(X) Management and Organisation
ACC1002(X) Financial Accounting
MKT1003(X) Principles of Marketing
BSP1004(X) Legal Environment and Business
DSC2006 Operations Management
(B) Set 2 Modules (Take 4, including 2 compulsory*)
MT3001 Systems Thinking and Engineering*
MT4002 Technology Management Strategy*
MT4001 Innovation and Entrepreneurial Strategy or TR3008(X) Technological Innovation
MT4003 Engineering Product Development or TR3001 New Product Development or EE3031 Innovation & Enterprise I

Curriculum for students in cohort AY2017/2018 and after

(A) Set 1 Modules (choose any 2)
MNO1706(X) Organisational Behavior
ACC1701(X) Accounting for Decision Makers
MKT1705(X) Principles of Marketing
BSP1702(X) Legal Environment and Business
DAO2703 Operations & Technology Management or DSC2006 Operations Management

(B) Set 2 Modules (Take 4, including 2 compulsory*)
MT3001 Systems Thinking and Engineering*
MT4001 Innovation and Entrepreneurial Strategy*
MT4002 Technology Management Strategy or TR3008(X) Technological Innovation
MT4003 Engineering Product Development or TR3001 New Product Development or EE3031 Innovation & Enterprise I