



School of Mechanical & Aerospace Engineering

MSc Supply Chain & Logistics

Overview

The logistics industry is one of the key sectors driving the development of Singapore as a critical hub in the global supply chains. The MSc in Supply Chain & Logistics addresses the needs of both manufacturing and service sectors with an integrated and comprehensive programme in supply chain and logistics functions such as inventory management, order fulfilment, procurement, distribution, warehousing, and transportation, equipping graduates with the right set of skills to manage end-to-end supply chains. The programme relies extensively on industry speakers, site visits, case studies and hands-on computer modelling and game plays to supplement in-class learning.

Who should apply

The programme caters to both full-time and part-time students who are seeking employment or advancing their career in supply chain and logistics related roles that include *procurement, order fulfilment, operations planning, scheduling, distribution, inventory management*.

Previous graduates of the programme have found jobs and advanced their careers in a wide range of industry sectors including *Manufacturing, FMCG, E-commerce, Electronics, Semiconductors, Building and Construction, Pharmaceutical, Healthcare, Aerospace, Defence, Marine, Oil and Gas*.

PROGRAMME STRUCTURE

Option 1: Coursework Only (Default Option)

10 Courses

4 Core & 6 Electives

Option 2: Coursework and Dissertation

8 Courses + Dissertation

4 Core & 4 Electives

DURATION OF THE PROGRAMME

Part-Time Study

Minimum Candidature: 2 years (4 semesters)

Maximum Candidature: 4 years (8 semesters)

Full-Time Study

Minimum Candidature: 1 year (2 semesters)

Maximum Candidature: 2 years (4 semesters)

CORE COURSES

L6002: Quantitative Methods for Logistics Analysis

L6003: Corporate Resource Planning

L6103: Supply Chain Analysis and Design

L6116: Manufacturing and Service Operations Management

ELECTIVE COURSES

L6102: Procurement & Supplier Development

L6115: Management of Logistics Functions

M6141: Quality Engineering

M6205: Systems Simulation & Modeling

M6401: Product Design & Development

MA6535: Management of Global Manufacturing

M6931: System Reliability & Risk Analysis

QUOTE

“

The professors combine latest academic theories with their relevant industry insights, which makes the learning experience so valuable. I am looking forward to continuing my studies and I am confident that this program will boost my future career.

”



Gutow Katharina Nadine

“

MSc SCL helped my career growth by offering up-to-date content, and industry best practices... it was a great experience having challenging discussions with classmates with international background, and building network with professionals from different Industry sectors.

”



Eva Fancev (Class of 2019)

Website: [http://mae.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate\(Coursework\)/MSc\(SCL\)](http://mae.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate(Coursework)/MSc(SCL))



PROGRAMME DIRECTOR

Assoc Prof Rajesh Piplani

Phone: 6790 4270 Email: mae.msc@ntu.edu.sg