School of Mechanical & Aerospace Engineering

MSc Project Management

Overview

There is a growing need for competent, qualified project managers in the sophisticated industries of the 21st century. The MSc in Project Management aims to educate project professionals to conceptualise, plan, develop, implement, and deliver successful projects. This generic project management programme offers a modular blended learning platform which encompasses face-to-face classes and self-paced learning with course contents aligned with Project Management Institute (PMI) and Industry 4.0. It is designed to support professional career development in the management of projects and to improve competence profiles of both students and their organisations.

Who should apply

The programme caters mainly to working professional who are seeking to advance their career in project management related roles. The programme is also open to full-time study on the condition that applicants have relevant working experience in project management.

Graduates from the programme are expected to find jobs and advance their careers in both private and public sectors that include: *Building and Construction, Manufacturing, Public Transportation, Aerospace, Healthcare, Defence, Offshore Marine, Oil and Gas, Hospitality, Travel, Information Technology.*

PROGRAMME STRUCTURE

Coursework and Dissertation (Default option)

8 Core Courses + Dissertation

**Modular blended learning, continuous assessment with no exams*

Coursework only (Opt-in option)

8 Core Courses + 2 Elective Courses

**Modular blended learning, continuous assessment with no exams for core courses.*
Electives have an exam component.

DURATION OF THE PROGRAMME

Full-Time Study
Minimum Candidature: 1 year (2 semesters)
Maximum Candidature: 3 years (6 semesters)

Full-time students choosing the dissertation option typically require 1.5 years instead of 1 year to graduate.

Part-Time Study
Minimum Candidature: 2 years (4 semesters)
Maximum Candidature: 6 years (12 semesters)

CORE COURSES

MA6081: Fundamentals of Project Management
MA6082: Management of Project Plan, Schedule and Resources
MA6083: Project Budget and Cost Management
MA6084: Procurement and Contract Management in Projects
MA6085: Organization Culture and Leadership in Projects
MA6086: Systems Engineering Fundamentals
MA6087: Project Strategy, Risk and Quality Management
MA6088: Research Project Management

ELECTIVE COURSES

(For students on coursework only option)

MA6504: Management of Global Manufacturing
MA6702: Corporate Resource Planning
MA6703: Supply Chain Analysis & Design
MA6704: Management of Logistics Functions
MA6716: Manufacturing and Service Operations Management
MA6741: Quality Engineering

QUOTE

"I have enjoyed the campus life at NTU throughout my master degree. It is not just about knowledge learning but also on social life with new classmates and professors."

Chan Siew Mei

"Being able to relate what was taught, against what was practiced in my company deepened my understanding on why certain decisions were made and procedures were implemented within my organisation."

Liew Bao Han Chester
(Class of 2022)

Website:

PROGRAMME DIRECTOR

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