



Engineering Project Management

The MSc in Engineering Project Management offers an advanced qualification to engineering graduates who wish to specialise in the area of project management. The programme is aimed at individuals transitioning, upskilling, or working in an engineering environment and in project related activities. These individuals seek to improve their professional status and better appreciate the latest engineering practice and project management best thinking such as agile methodologies and risk management. The combination of engineering and project management is to prepare students for a future career whereby they are better equipped to manage the context in which they work and can make better informed decisions.

Modules year 1	
Module Title	Module description and context
Managing Agile Projects	Here you will explore the project management approach in depth, understand technology outputs and encourages the take-up of an agile mindset.
Project Risk Appraisal and Management	This module prepares students to identify the sources of risk affecting projects and develop risk management strategies to optimize project outcomes.
Research Methods	The aim of this module is to equip you with the knowledge and critical techniques to conduct research in business and management. Different kinds of research will be covered, such as scholarly, academic output, and applied consultancy output.
Sustainable Engineering	This module is designed to provide engineering students with a comprehensive understanding of sustainability principles and their application in the engineering field. The module emphasizes the integration of environmental, economic, and social considerations in engineering practices to achieve sustainable outcomes.

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Modules year 1 Continued

Module Title	Module description and context
Engineering Technology and Innovation	This module is focusing on the integration of advanced engineering technologies with innovative practices. It aims to equip you with a comprehensive understanding of the current and emerging trends in engineering technology, alongside the strategies and methodologies for fostering innovation in this field.
Environmental Assessment Engineering	This module provides a comprehensive understanding of the methods, tools, and principles used in assessing the environmental impacts of engineering projects. It focuses on the integration of sustainability and environmental stewardship into engineering practices, particularly in the context of construction and infrastructure development.
Advanced Project Management	Through extensive case study analysis, and with insight from current research, you will evaluate the role of the project manager in today's workplace and critically review the rise of the project-centric organisation in a global context.
Dissertation	The dissertation module gives you the opportunity to apply everything you've learnt to an in-depth study of a specific issue or problem in the fields of global financial management, marketing management, business management, and human resource management.

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