

# MASTER OF SCIENCE IN ENGINEERING MANAGEMENT

## WHY STUDY MASTER OF SCIENCE IN ENGINEERING MANAGEMENT

The Master of Science in Engineering Management targets graduates with engineering or other relevant science and technical degrees looking to fast-track their career to the management level. The programme is designed to equip students with the principles, practices, and expertise needed to meet the demand for senior positions within highly competitive industries. Students will learn how to apply managerial principles in engineering to deliver high-quality results in a consumer-led market. Students will also learn about the impact of the latest technologies on the Engineering sector.

## CAREER PROSPECTS

Graduates will develop specialised technical and managerial skills highly sought-after by different enterprises. Opportunities extend beyond engineering industries and include numerous sectors such as pharmaceuticals, telecommunications, logistics, healthcare, energy, food processing and construction. Graduates can pursue careers as engineering managers, operational managers, project managers, quality managers, and other executive roles in various industries.

## PROFESSIONAL ACCREDITATION





## ENTRY REQUIREMENTS

A relevant Bachelor's degree equivalent to an Upper Second Class or with a Good GPA (3.0 or above on a 4.0 scale or its equivalent) from an accredited university.

English Language proficiency is required equivalent to UAE Ministry of Education EmSAT score of 1400 or TOEFL score of 79 iBT or IELTS 6.0.

## PROGRAMME STRUCTURE

Module Title	Credits
Engineering Statistics	3
Engineering Management and Corporate Strategy	3
Accounting and Finance for Managers	3
Organisational Behaviour and Business Leadership	3
Reliability, Engineering & Maintenance Management	3
Six Sigma and Quality Management	3
Dissertation	6

Elective set 1 (students need to take at least one module from this set)

Systems and Maintenance Management	3
Energy Management 1	3
Total Quality Management	3
Supply Chain Management and Integration	3

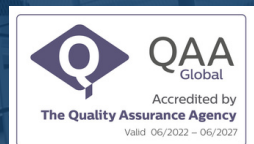
Elective set 2 (maximum one module from this set)

Renewable and Sustainable Resources	3
Efficient Building Services	3
Enterprise Risk Management	3

ALL OUR PROGRAMMES ARE ACCREDITED BY UAE MINISTRY OF EDUCATION

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