



University College Dublin
Ireland's Global University



MEngSc ENGINEERING MANAGEMENT (ONE YEAR FULL TIME)

The MEngSc Engineering Management programme offers a unique opportunity for engineering students to deepen their knowledge of the areas of business and management and is open to engineering students of all disciplines. Professional engineers need to understand the environment in which they practise.

As their career progresses, engineers are increasingly involved in functions such as finance, quality, marketing and strategy. This course provides grounding in these areas while building on students' technical expertise to develop the next generation of industry leaders.

ESTABLISHED INTERNATIONAL INDUSTRIAL CONNECTIONS

This programme is delivered by the School of Mechanical & Materials Engineering which has more than 50 years' experience in teaching Engineering Management. The School has well established industrial links both nationally and worldwide.

WHY STUDY AT UCD?



Tradition

Established 1854, with 160 years of teaching & research excellence



Global profile

UCD is ranked in the top 1% of higher education institutions worldwide



Global community

Over 6,000 international students from over 120 countries study at UCD



Global careers

Degrees with high employability; dedicated careers support; 2 year stay-back visa (for non-EU students)



Safety

Modern parkland campus with 24 hour security, minutes from Dublin city centre

COURSE CONTENT AND STRUCTURE

90 credits
taught masters

70 credits
taught modules

20 credits
dissertation

Modules include:

- Applied Research Paper
- Business Information Systems Management
- Decision Analytics
- Design and Innovation
- Engineering Project Management
- Management and Organisation Behaviour
- Marketing Management
- Operations Management
- Quantitative Methods for Engineers
- Supply Chain Design and Analysis
- Technical Option

Please see online for a full list of modules. The Technical option provides an opportunity for students to select one 5 ECTS module per semester to enhance their engineering discipline specific knowledge.



CAREER OPPORTUNITIES

Career opportunities are very broad as the MEngSc Engineering Management students are not narrow technical specialists but "T-shaped" individuals combining specialist skills with a broad understanding of the business environment.

This skill set is invaluable when embarking upon careers in many sectors including energy, consumer goods, medical technology, management consulting, ICT and automotive. Prospective employers include Accenture, SAP and Tesla Motors.



APPLY NOW

This programme receives significant interest so please apply early online at www.ucd.ie/apply

ENTRY REQUIREMENTS

A 4-year bachelor's degree with a minimum upper second class honours (NFQ level 8) or international equivalent in a relevant Engineering programme.

- Applicants whose first language is not English must also demonstrate English language proficiency of IELTS 6.5 (no band less than 6.0 in each element), or equivalent.
- A detailed explanation of your interest in the programme must be provided.

INTERNATIONAL STUDENTS

- Option to stay in Ireland to seek employment and/or work for 2 years after graduating
- Approved by US Dept. of Education for federally supported loans
- Apply for University non-EU Scholarships: www.ucd.ie/international/scholarships
- Apply for College of Engineering & Architecture scholarships: www.ucd.ie/eacollege/study/noneuscholarships

RELATED MASTERS PROGRAMMES OF INTEREST

- ME Engineering with Business
- MSc Management

FEES

Fee information is available www.ucd.ie/fees

CONTACT US

EU Students – Katie O'Neill E: eamarketing@ucd.ie T: +353 1 716 1781 W: www.ucd.ie/eacollege

International Students – E: michelle.mathews@ucd.ie internationaladmissions@ucd.ie T: +353 1 716 8500 W: www.ucd.ie/international



STUDENT PROFILE

Tarek Naffah

I'm from Lebanon and the reason why I chose Ireland and specifically Dublin is because it is such a vibrant place. I then chose UCD because of its reputation and its wide range of programme choices. UCD focuses on its students and provides a wide range of extracurricular activities as part of the student life. I am learning a lot from this programme. There are modules such as supply chain management, marketing management and project management etc. I am able to learn not just theoretically, but also have hands-on experiences through simulations and projects that the programme provides us during the year. In terms of career prospects, if you join the programme you will have the chance to go into different fields within the business area such as management and supply chain. UCD also organizes many career fairs where you get to meet the companies you want to work with in Dublin or in Ireland and even companies around the world.