

ME Engineering with Business

Two Years Full Time (September start)



Introduction

Engineering is viewed by many as an ideal preparation for a career in business or management.

The ME in Engineering with Business offers a unique opportunity for engineering students to complement their technical expertise with a deep understanding of the business and management aspects of engineering practice such as operations, human resources, marketing and strategy. As a result, graduates will develop a distinctively

cross-disciplinary perspective, which is essential to a successful career in business. If you have a mechanical, civil, electrical or electronics background and you plan to practise engineering in a business context, then the ME (Engineering with Business) is an excellent choice for you.

The programme is the only business-oriented master's programme accredited by Engineers Ireland for Chartered Engineering status.

Course Highlight

This programme is delivered in conjunction with the UCD Michael Smurfit Graduate Business School, Ireland's leading business school, which is ranked in the top 25 in the latest Financial Times European Business Schools Rankings.

Course Content and Structure

50 credits 30 credits 40 credits

Engineering modules Business modules Live Learning

Live Learning: This programme offers students the opportunity to complete a 6-month work placement, where students' technical and business knowledge can be applied and developed in a dynamic real-world setting. This is then followed by an industry-focused research project which combines academic and practice-based learning.

Business and engineering Modules

- Business Information Systems Management
- Data Analytics for Engineers
- Professional Engineering Management
- Entrepreneurship in Action
- Marketing Management
- Operations Management
- Management and Organisational Behaviour
- Introduction to Robotics
- Engineering Decision Support Systems
- Supply Chain Design & Analysis
- Engineering Project Management

Why study at UCD?



Graduate education

12,800 graduate students; 17% graduate research students; structured PhDs



Global community

Over 11,000 international students from more than 152 countries



Global profile

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



Global careers

Dedicated careers support; 2-year stayback visa to work in Ireland



ENGINEERS
IRELAND

ACCREDITED PROGRAMME



Career Opportunities

The ME in Engineering with Business is designed to produce fully qualified engineers who have a particular interest in and understanding of the business context within which engineers usually operate. It was conceived to address the perceived lack of industry-ready engineers coming out of third-level education. Career opportunities are very broad as the ME degree positions the student not as a narrow technical specialist but as a multi-skilled engineer, combining specialist skills with a broad understanding of the business environment. In addition to careers within their technical specialisations, graduates can consider careers in commercial roles, management consulting, the financial sector or IT. Previous employers of alumni include: Accenture, Abbvie, Boston Scientific, Deloitte, Intel, Jaguar UK, MSD Carlow, PJ Walls, PM Group, RPS Consulting, and SAP.

Graduate Profile

Rachel Ward
Johnson & Johnson



This master's programme is quite unique and allowed me the opportunity to interview for roles both in Ireland and overseas, eventually allowing me to secure a job in a pharmaceutical company abroad, which I could never have imagined before beginning this programme. This master's has provided me with the tools to confidently pursue my goals. UCD has offered me everything I could have hoped for in terms of a memorable college experience; from industry exposure and challenging classes to pushing me to think as both an engineer and a businesswoman. I encourage anyone interested in broadening their knowledge and getting noticed on an international stage to strongly consider this programme.

Applicant Profile

- Applicants must hold a bachelor's degree with a first class honours (NFQ level 8) or international equivalent in Mechanical, Civil, Electrical or Electronic Engineering.
- 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.
- Students who do not meet the IELTS requirement may wish to consider taking the Pre-Sessional or Pre-Master's Pathway. Full details www.ucd.ie/alc/programmes/pathways/

International Fees and Scholarships

Tuition fee information is available on www.ucd.ie/fees. Please note that UCD offers a number of graduate scholarships for full-time, self-funding international students, holding an offer of a place on a UCD masters programme. Please see www.ucd.ie/global/scholarships/ for further information.

Related Master's Programmes of Interest

- MEngSc Engineering Management
- MSc Management
- MSc Project Management
- MSc Supply Chain Management

CONTACT US

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APPLY NOW

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