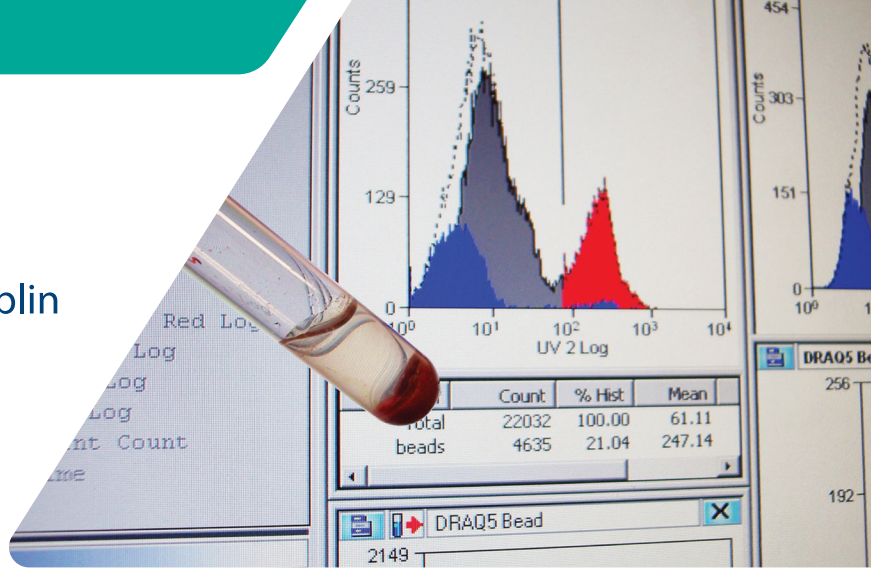




University College Dublin
Ireland's Global University



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MSc Biotechnology & Business (1 Year Full Time)

Biotechnology encompasses all aspects of the industrial application of living organisms and/or biological techniques. It is a collection of technologies that capitalise on the attributes of cells and biological molecules, such as DNA, to work for us. Ireland has experienced massive growth across the Biotechnology sector including Food, Environmental and Pharmaceutical industries in the last decade. Ireland is home to nine of the top 10 world pharmaceutical and biotechnology companies, such as GlaxoSmithKline, Pfizer, Merck, Bristol-Myers Squibb and Genzyme, with seven of the 10 world blockbuster pharmaceuticals made here.

The MSc in Biotechnology and Business is an exciting programme designed for non-business graduates who want to become managers or entrepreneurs in complex business environments in technology and science-based fields. The MSc in Biotechnology and Business provides you with a solid knowledge of techniques used in modern biotechnology including hands-on experience of bioprocessing. You will also receive a comprehensive business education. You will learn to identify and solve business problems in local and international settings, enhance your communication and leadership skills, and improve your ability for independent thinking and developing creative solutions.

Key Fact

The programme is the result of a close collaboration between the UCD School of Biomolecular and Biomedical Science and the UCD Michael Smurfit Graduate School of Business, which is Ireland's leading business school.

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; 1 year stay-back visa



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
group business plan research project

You will spend 50% of your time studying biotechnology and 50% of your time studying business. You may choose optional biotechnology modules to ensure that you specialise in your area of interest.

Depending on your chosen subjects you will also gain experimental and theoretical knowledge in the following topics:

- Drug Discovery
- Medical Device Technology
- Biomedical Diagnostics
- Regulatory Affairs
- Bioprocessing
- Marketing Management
- Corporate Finance
- Entrepreneurship
- Business plan development
- Biotechnology Case Study



Modules and topics shown are subject to change and are not guaranteed by UCD.

Career Opportunities

This advanced graduate degree in Biotechnology and Business has been developed in consultation with employers and therefore will be recognised and valued by them. A key feature is the opportunity to carry out a business development plan which will allow graduates to develop connections with prospective employers, thereby enhancing chances of employment on graduation.

Prospective employers include: Abbott; Allergan; Alpha Technologies; Amgen; Avonmore Foods; Baxter Healthcare; Beckman Coulter; Biotrin International Ltd.; Boston Scientific; Elan Corporation; Eli Lilly and Co.; Celltech; GlaxoSmithKline; Icon Clinical Research; ImmunoGen Inc.; Janssen Pharmaceutical Ltd.; Johnson & Johnson Ltd.; Kerry Group Plc.; Medtronic; Merck Sharp & Dohme; Olympus Diagnostica; Quintiles; Quest International; Sandoz.; Seroba Kernel; Serology Ltd.



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Fees and Scholarships

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

Facilities and Resources

- The UCD School of Biomolecular and Biomedical Science is closely linked to the UCD Conway Institute of Biomolecular and Biomedical Research, which provides cutting-edge core technologies including the premier Mass Spectrometry resource in the country, NMR spectroscopy, real-time PCR, electron microscopy, light microscopy, digital pathology and flow cytometry.

Apply Now

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

Entry Requirements

- This programme is intended for applicants with a BSc in a biology- or chemistry-related discipline. An upper second class honours or international equivalent is required.
- Graduates with equivalent qualifications in related areas of science and technology or with proven relevant industrial experience will be considered for places.
- 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.

Graduate Profile

Jennifer McKeever, Senior Analyst at Seroba Life Sciences



During the MSc in Biotechnology & Business, I broadened my knowledge in key modules

including medical devices, diagnostics and regulatory affairs, while also developing core business skills in finance, marketing and management. The highlight was developing a business plan for a UCD Nova start-up company, which was an invaluable and pragmatic learning experience. I am currently working as an Investment Analyst in a life sciences venture capital firm. During the masters I was introduced to many industry contacts who are instrumental in shaping my career.

Accommodation

UCD has accommodation for over 2,500 students across five locations. Places are limited and more information is available at www.ucd.ie/residences/. For information and advice on living off campus, please contact the UCD Residences Off-Campus Office or the UCD Student Union Accommodation Services. Please visit www.ucd.ie/residences/accommodation-booking-support/ for further details.

Related Masters Programmes of Interest

- MSc Biotechnology
- MSc Biotherapeutics
- MSc Biotherapeutics & Business
- MSc Biological & Biomolecular Science (Negotiated Learning)
- MSc Plant Biology & Biotechnology
- MSc Toxicology & Regulatory Affairs

EU Enquiries

Associate Professor Cormac Murphy ✉ : biotech@ucd.ie
www.ucd.ie/courses/msc-biotechnology-and-business
 UCD School of Biomolecular and Biomedical Science, University College Dublin, Belfield, Dublin 4.

Non-EU Enquiries

✉ : internationaladmissions@ucd.ie
www.ucd.ie/international