No one told me biotechnology was going to mean a great job and a fascinating journey around the world. To date I have worked on Alzheimer's disease and cancer (with Elan), diabetes and gastrointestinal diseases. Science will change the world.

Ena Prosser
BSc in Biotechnology

Find out more

T: +353 (01) 700 5000
E: registry@dcu.ie
W: dcu.ie/registry

DCU
DublinCityUni
dublincityuniversity

DCU
Ollscoil Chathair Bhaile Átha Cliath
Dublin City University

BSc in Biotechnology

Honours Bachelor Degree
DC181

DÁMH NA HEOLAÍOCHTA AGUS SLÁINTE
FACULTY OF SCIENCE & HEALTH

BSc in Biotechnology
Honours Bachelor Degree

What's Unique?

— Longest established biotechnology course in Ireland

— Modern course integrating emerging new technologies

— Course progresses you from the basic sciences, mathematics and computing to the complexities of biotechnology, including genetics, process-engineering, immunology and gene cloning

— Multidisciplinary academic staff within the School of Biotechnology

— Opportunities to do an INTRA work placement abroad in third year

Find out more — **dcu.ie/DC181**

How You Fit the Course

As a budding biotechnologist, you'll focus on how the fundamental biochemistry underlying biological systems works with innovations in genetics, immunology and bioinformatics. To appreciate how solutions translate to commercial industrial scale, you'll also need a good understanding of the core physical and chemical engineering principles pertaining to living cells.

DCU's BSc in Biotechnology will furnish you with science and engineering fundamentals to succeed in the emerging technology-driven biotech industry. The technologies in this industry have made a real impact on humanity, and include the creation and manufacture of products that help in the diagnosis and treatment of disease (e.g. the production of antibiotics, insulin, and safer recombinant vaccines), and the provision of services to areas like healthcare, food, agriculture, energy and the environment.

Careers

This multidisciplinary degree gives you the qualifications and flexibility to work in production, quality control, research, development, and sales and marketing in a range of biotechnology-related areas, including:

— Brewing
— Food processing
— Pharmaceuticals
— Fine chemical manufacture
— Waste treatment
— Education
— Research and development
— Entrepreneurialism

Postgraduate opportunities may also be an avenue you choose to explore.

Years
4

CAO Code
DC181

Internship
Yes

Delivery Mode
Full Time