



University College Dublin
Ireland's Global University



Images © UCD Research

Professional Certificate (F052)/ Diploma in Toxicology (F053) (Part Time)

Toxicology is the study of adverse effects of chemicals and other substances on humans, other animals, plants and the environment, and how they can be avoided or minimised. These courses provide an introduction to the principles of modern toxicology in relation to environmental, occupational, and public health in the context of the chemical, food and pharmaceutical industries.

These courses are aimed at individuals with a scientific qualification who wish to develop their skills and knowledge of toxicology and

gain a recognised third level qualification in the area. Current practicing toxicologists will also benefit from undertaking individual modules for continuing professional development (CPD), as all of the modules will contribute towards maintenance of professional toxicological accreditation. The course content has been approved by the Irish Register of Toxicologists (IRT) and is recognised as accreditation for continuing professional development in this area.

Key Fact

These courses have been developed in close collaboration with the Irish Register of Toxicologists (IRT) and are also approved for accreditation towards becoming a registered toxicologist and for CPD credits towards maintaining IRT/ERT accreditation. The courses are run by European Registered Toxicologists (ERT), including guest lecturers delivering 'state of the art' contributions as practicing experts in a range of toxicological roles from basic research to national and European regulatory bodies.

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

30 credits

professional diploma – all taught modules

- Essential Pharmacology for the Toxicologist
- Experimental Toxicology and Risk Assessment in the 21st Century
- Environmental and Occupational Toxicology
- Professional Skills for the Modern Toxicologist

Lectures are delivered by staff of international renown in their field, many of whom are practicing toxicologists. Study days and e-learning are utilized to maximise flexibility in how students manage their study time.



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

Career Opportunities

These programmes provide an introduction to toxicology, and current toxicological assessments, highlighting current issues in toxicology. Graduates will gain the required level of professional ability to operate as independent toxicologists by developing a sophisticated level of data interpretation, communication skills, excellence in problem solving, and ability to critically evaluate and form judgements on complex toxicological problems.



Facilities and Resources

The UCD School of Biomolecular and Biomedical Science is closely linked to the UCD Conway institute of Biomedical and Biomolecular research which provides core technologies such as 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 a graduate programme and applicants must possess a minimum of an upper second class honours undergraduate degree or relevant experience in the area of toxicology/pharmacology.
- 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.

Staff Profile



Dr Tara McMorrow, UCD School of Biomolecular and Biomedical Science

I am a Senior Lecturer in Pharmacology and Toxicology in the UCD School of Biomolecular and Biomedical Sciences and I'm also a member of the board of the Irish Society of Toxicology and an Irish and European Registered

Toxicologist. My research is in the area of kidney disease, toxicology, pharmacology and epithelial biology. I also provide expert toxicological reports for the pharmaceutical Industry and court cases.

Images © UCD Research

Fees

Tuition fee information is available on www.ucd.ie/fees

Course Highlights

- This course provides an introduction to the principles of modern toxicology in relation to environmental, occupational and public health the context of the chemical, food and pharmaceutical industries.
- Guest speakers deliver 'state of the art' contributions as practicing experts in a range of toxicological roles from basic research to national regulatory bodies
- Study days and e-learning are utilized to maximise flexibility in how students manage their study.

EU Enquiries Dr Tara McMorrow ✉ : biotech@ucd.ie

www.ucd.ie/sbbs/graduatestudents/cpdtotoxicology/

UCD School of Biomolecular and Biomedical Science, University College Dublin, Belfield, Dublin 4.

Non-EU Enquiries ✉ : internationaladmissions@ucd.ie

www.ucd.ie/international