

STUDYING UCD SCIENCE

YEAR 1

Explore your options

Biological, Biomedical & Biomolecular Sciences	Earth & Environmental Sciences	Chemistry (includes Medicinal, Sustainable, Biophysical)	Mathematics (includes Applied/ Financial/ Statistics)	Physics (includes Theoretical/ Astronomy & Space Science)	Science, Mathematics & Education	Explore Multiple Streams
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The Science programme (DN200) offers a flexible curriculum that allows you to focus on an area from first year or keep your options open and explore different subject areas. Each stream has a set number of compulsory modules that has been kept low to allow you to try out other subjects that you may not be familiar with or to deepen your interest in the areas that you wish to pursue in second year and on to degree level.

Plenty of advice is available during the application process and when you arrive at UCD on the module combinations to study in first year.

YEAR 2

Choose your pathway

Depending on the modules you studied in First Year, you choose a minimum of 2 subjects in Second Year. Students who choose modules for the Biological, Biomedical & Biomolecular stream in First Year could combine Zoology with Biochemistry & Molecular Biology, for example.

Biological, Biomedical & Biomolecular Sciences	Earth & Environmental Sciences	Chemistry (includes Medicinal/ Sustainable/ Biophysical)	Mathematics (includes Applied/ Financial/ Statistics)	Physics (includes Theoretical/ Astronomy & Space Science)	Science, Mathematics & Education*
Biochemistry & Molecular Biology	Environmental Biology	Chemistry	Applied & Computational Mathematics	Physics	Applied Mathematics, Mathematics & Education
Cell & Molecular Biology	Earth Sciences	Chemistry with Biophysical Chemistry	Financial Mathematics	Physics with Astronomy & Space Science	Biology, Mathematics & Education
Environmental Biology		Chemistry with Environmental & Sustainable Chemistry	Mathematics	Theoretical Physics	Chemistry, Mathematics & Education
Genetics		Medicinal Chemistry & Chemical Biology	Statistics		Computer Science, Mathematics & Education
Microbiology					Physics, Mathematics & Education
Neuroscience					
Pharmacology					
Physiology					
Plant Biology					
Zoology					

YEAR 3 & 4

Focus on your specialisation

In third and fourth year, you study your degree subject in depth. Sample modules from both these years are listed on each degree subject page. Many subjects will include a research project which you complete in your final year. Opportunities to apply for internships or professional placements are usually at the end of third year.

BSc (Honours)

Taught & Research Master of Science (MSc)	Shape your Career with UCD Science	Conversion/Complimentary Courses
Doctor of Philosophy (PhD) Science	Pharmaceuticals, Biotechnology & Hospitals Environmental Consultancies Conservation & Wildlife Water Utility, Mining & Energy Business & Finance Publishing, Media & Journalism Agriculture, Forestry & Fishing Clinical Trials & Medical Devices	MSc Mathematics & Science Education (Teaching) Professional Master of Education (Teaching) Graduate Veterinary Medicine Graduate Medicine Master of Business Studies Graduate Diploma and MSc in Actuarial Science MSc Computer Science (Conversion)
Research & Academia	State Agencies – Bord Iascaigh Mhara, Health Products Regulatory Authority, Forensic Science Laboratory, Met Éireann etc.	

*These degree subjects are 5 year courses. Students graduate with a 4-Year Level 8 BSc and then continue to a 1-Year MSc in Mathematics & Science Education.