Studying UCD Engineering

Physics Chemistry Mathematics Energy Engineering Mechanics Electrical/Electronic Creativity in Design Engineering Computing These core modules are supplemented by a range of Options and Elective choices that will enable you to develop within your chosen specialisation and areas of interest.

Years 2 & 3	Choose your pathway				
Biomedical	Chemical & Bioprocess	Civil	Electrical/Electronic	Mechanical	Structural Engineering with Architecture
		Optional St	udy Abroad		

Years 485	Focus on your area(s) of specialisation				
	BE (4 years) Bachelor of Engineering	ME (5 y Master of Er			
Graduate with a Bachelor of Engineering	Biomedical	**Biosystems & Food	Engineering with Business		
	*Chemical & Bioprocess	Biomedical	Materials Science & Engineering	Graduate with a Master	
	Chemical with Biochemical Minor	Chemical & Bioprocess	Mechanical		
	Civil	Civil, Structural & Environmental	Optical Engineering	of Engineering	
	Electrical	Electrical Energy	Structural Engineering		
	Electronic	Electronic & Computer	with Architecture		
	Mechanical	Energy Systems	Professional Work Experience		

Specialise through UCD graduate study	Shape your career with UCD Engineering
Taught & Research Master's	Professional Engineer in your
Biopharmaceutical Engineering	chosen discipline with careers in:
Chemical Engineering	Business & Media
Electronic & Computer Engineering	Construction
Engineering Management	Design
Environmental Technology	Education
······	Energy
Food Engineering	Environment
Materials Science & Engineering	Finance
Structural Engineering	Food
Sustainable Energy & Green Technologies	Healthcare
Water, Waste & Environmental Engineering	Information & Communications Technology (ICT)
	Management
	Manufacturing
Ooctor of Philosophy (PhD) Engineering	Pharmaceuticals
	Research & Academia
Research & Academia	

Continue to develop your professional career with UCD...

^{*}The 4-year BE degree in Chemical & Bioprocess Engineering is accredited by the IChemE as satisfying the academic requirement for registration as a Chartered Chemical Engineer.

 $[\]ensuremath{^{**}\text{The}}$ ME Biosystems and Food Engineering is accessible from all Engineering Pathways.