

Studying UCD Engineering

Year 1

Explore your options

Physics

Chemistry

Mathematics

Energy Engineering

Mechanics

Electrical/Electronic

Creativity in Design

Engineering Computing

These core modules are supplemented by a range of option modules 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 Study Abroad

Years 4 & 5

Focus on your area(s) of specialisation

Graduate with a Bachelor of Engineering

BE (4 years) Bachelor of Engineering

Biomedical
.....
Chemical & Bioprocess**
.....
Chemical with Biochemical Minor**
.....
Civil
.....
Electrical
.....
Electronic
.....
Mechanical

ME (5 years) Master of Engineering

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|---|---|
| *Biosystems & Food Biomedical Chemical & Bioprocess Civil, Structural & Environmental Electrical Power Electronic & Computer Energy Systems | Engineering with Business Materials Science & Engineering Mechanical Optical Engineering Structural Engineering with Architecture Professional Work Experience |
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Graduate with a Master of Engineering

Specialise through UCD graduate study

Taught & Research Master's

Biopharmaceutical Engineering
.....
Bioeconomy with Business
.....
Chemical Engineering
.....
Electronic & Computer Engineering
.....
Engineering Management
.....
Environmental Technology
.....
Food Engineering
.....
Materials Science & Engineering
.....
Structural Engineering
.....
Sustainable Energy & Green Technologies
.....
Water, Waste & Environmental Engineering

Doctor of Philosophy (PhD) Engineering

Research & Academia

Shape your career with UCD Engineering

Professional Engineer in your chosen discipline with careers in:

Business & Media
.....
Construction
.....
Design
.....
Education
.....
Energy
.....
Environment
.....
Finance
.....
Food
.....
Healthcare
.....
Information & Communications Technology (ICT)
.....
Management
.....
Manufacturing
.....
Pharmaceuticals
.....
Research & Academia

Continue to develop your professional career with UCD...

*The ME Biosystems and Food Engineering is accessible from all Engineering Pathways.

**These 4-year BE degrees are designed to meet the educational standard for the professional title of Chartered Engineer, through the Institution of Chemical Engineers [ICHEME].