

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 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 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

**Biosystems & Food
.....
Biomedical
.....
Chemical & Bioprocess
.....
Civil, Structural & Environmental
.....
Electrical Energy
.....
Electronic & Computer
.....
Energy Systems
.....
Engineering with Business
.....
Materials Science & Engineering
.....
Mechanical
.....
Optical Engineering
.....
Structural Engineering
with Architecture
.....
Professional Work Experience

Graduate with
a Master
of Engineering

Specialise through UCD graduate study

Taught & Research Master's

Biopharmaceutical Engineering
.....
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 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.

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