

# STUDYING UCD ENGINEERING

## YEAR 1

## Explore your options

Physics		Chemistry		Mathematics
Energy Engineering	Mechanics	Electrical/ Electronic Engineering	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

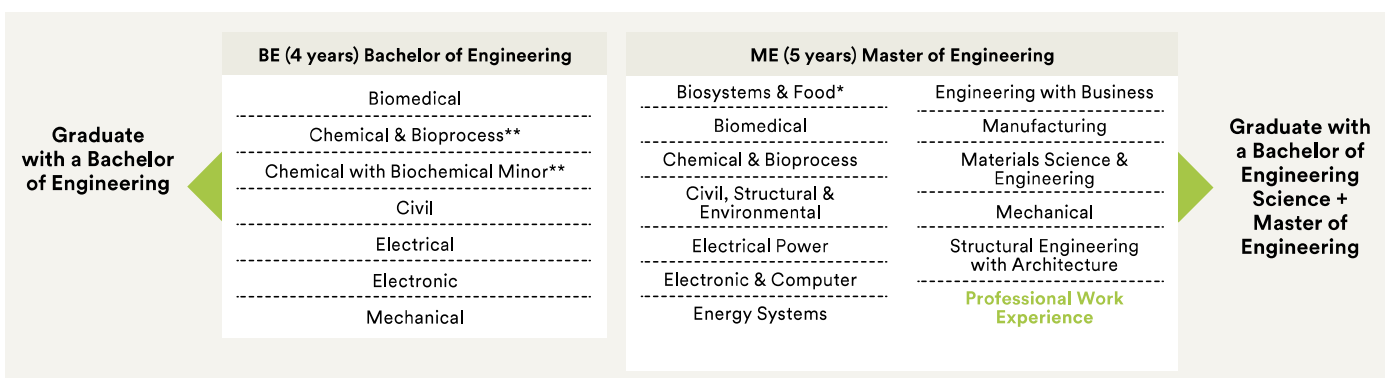
## Choose your pathway

Biomedical	Chemical & Bioprocess	Civil	Electrical/Electronic	Mechanical	Structural Engineering with Architecture
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Optional Study Abroad Opportunity (Year 3)

## YEARS 4 & 5

## Focus on your area(s) of specialisation



### Specialise further through UCD graduate study

#### Taught & Research Masters

Biopharmaceutical Engineering
Digital Technology for Sustainable Agriculture
Chemical Engineering
Electronic & Computer Engineering
Engineering Management
Environmental Technology
Food Engineering
Electrical Power Networks
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

#### Job Sectors

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.

\*\* Both BE degrees meet the educational standard for the professional title of Chartered Engineer, through the Institution of Chemical Engineers (IChemE).