

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

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

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

Taught & Research Master's

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).