

# BSc Sustainability with Environmental Sciences

CAO Code: DN240

## Sample pathway for a degree in Sustainability \*

YEAR  
1

### ENGAGE WITH THE PRINCIPLES

#### SUSTAINABILITY

Modules include:

- ▶ Introduction to Sustainability
- ▶ Sustainability Challenges

#### ENVIRONMENTAL SCIENCES

Modules include:

- ▶ Scientific Enquiry
- ▶ Statistical Modelling
- ▶ Basis of Organic and Biological Chemistry
- ▶ Life on Earth

#### SOCIAL SCIENCES, POLICY AND LAW

Modules include:

- ▶ Introduction to Sociology
- ▶ Mapping a Sustainable World
- ▶ Anthropology: An Introduction
- ▶ Global Justice
- ▶ Law in Europe

#### BUSINESS AND ECONOMICS

Modules include:

- ▶ Introduction to Economics
- ▶ Business in Society

YEAR  
2

### CHOOSE YOUR SUBJECTS

#### ENVIRONMENTAL SCIENCES PATHWAY

#### SUSTAINABILITY

Modules include:

- ▶ Sustainability: Research Tools
- ▶ Innovation, Communication and Careers in Sustainability

#### ENVIRONMENTAL SCIENCES

Modules include:

- ▶ Land Use and the Environment
- ▶ Earth, Environment and Society
- ▶ Global Environmental Change
- ▶ Weather, Climate and Climate Change
- ▶ Chemistry for Biology

#### SOCIAL SCIENCES, POLICY AND LAW

Modules include:

- ▶ Achieving the Sustainable Development Goals
- ▶ Introduction to GIS for Sustainability

#### BUSINESS AND ECONOMICS

Modules include:

- ▶ Marketing: An Introduction
- ▶ Principles of Microeconomics

YEAR  
3

### REFINE YOUR KNOWLEDGE

#### ENVIRONMENTAL SCIENCES PATHWAY

#### SUSTAINABILITY

Modules include:

- ▶ Sustainability in Action (field trip to Copenhagen)

#### ENVIRONMENTAL SCIENCES

Modules include:

- ▶ Principles of Environmental Biology and Ecology
- ▶ Wildlife Conservation and Fisheries Management
- ▶ Working with Biological Data
- ▶ Sustainable Chemistry
- ▶ Waste Management

#### SOCIAL SCIENCES, POLICY AND LAW

Modules include:

- ▶ Environmental Law and Policy

#### BUSINESS AND ECONOMICS

Modules include:

- ▶ Economics of the Environment

YEAR  
4

### FOCUS ON YOUR CHOSEN SUBJECT

#### ENVIRONMENTAL SCIENCES PATHWAY

#### ENVIRONMENTAL SCIENCES

Modules include:

- ▶ Environmental Assessment
- ▶ Advanced Air Pollution
- ▶ Global Change Ecology
- ▶ Energy Systems and Climate Change
- ▶ Marine Community Ecology

#### SOCIAL SCIENCES, POLICY AND LAW

Modules include:

- ▶ The Urban Environment

#### BUSINESS AND ECONOMICS

Modules include:

- ▶ Business Across Borders

## BSc (Honours) Sustainability with Environmental Sciences

#### MSc (Taught)

- ▶ MSc Applied Environmental Science
- ▶ MSc World Heritage Management
- ▶ MSc Plant Biology
- ▶ MSc Climate Change: Science and Impacts
- ▶ MSc Environmental Sustainability
- ▶ MSc Environmental Technology
- ▶ MSc (Agr) Rural Environmental Conservation and Management
- ▶ MSc (Agr) Sustainable Agriculture and Rural Development
- ▶ MSc Sustainable Energy and Green Technology
- ▶ MSc Wildlife Conservation and Management
- ▶ MEngSc Water, Waste and Environmental Engineering

#### PhD

- ▶ Students can pursue a PhD in universities in Ireland or abroad in areas such as ecology, microbiology, fisheries, conservation biology, environmental management and global change

#### Industry

- ▶ Careers as consultants, managers and advisers in large organisations and private businesses.
- ▶ International organisations such as the UN, the European Environment Agency and the European Commission, Government Departments, State agencies and Conservation Organisations.
- ▶ Diverse areas such as renewables, clean technology management and energy efficiency
- ▶ Advise industries on social and environmental strategies.

\*Potential combinations shown here are examples only and are not guaranteed by UCD. Modules are subject to change each year.



[www.ucd.ie/myucd/sustainability](http://www.ucd.ie/myucd/sustainability)

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