

BSc in Environmental Health

TU869

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DUBLIN
DILSCOL TEICNEOLAÍOCHTA
BHÁILE ÁTHA CLIATH
TECHNOLOGICAL
UNIVERSITY DUBLIN

Qualification awarded: BSc (Environmental Health)
Level 8

Duration of programme: 4 years

Type of programme: Honours Degree

Number of places: 32 approx.

Location: TU Dublin, Grangegorman

Our environment and lifestyle affects our health. The air we breathe, the water we drink, the food we eat, our homes and workplaces all can have an influence on our state of health and well-being. Students on this programme gain experience of examining issues such as food safety, environmental pollution, occupational safety and health risk management and identifying how these should be managed. Businesses and individuals must comply with a range of health & safety standards- these could be in food, occupational and environmental areas. Public health issues such as tobacco, alcohol and sunbed regulation are also covered in this programme.

Environmental Health students will learn how to evaluate relevant situations, solve problems, and manage these areas. The programme is applied in nature, but has a strong scientific underpinning, especially in Years One and Two. The programme develops through subsequent years into applied areas of environmental health and examines current and emerging issues. The programme is multidisciplinary in nature. There is a 7 month period of professional practice (placement) where students can learn how to apply their knowledge of environmental health. Experience is gained both in the Health Service Executive (with EHOs) and the private sector. There are also international placement opportunities available.



Module Listing:

Stage 1:

- Introduction to EH
- Building Technology for EH 1
- Introductory Physics for Science & Health
- EH Chemistry
- Mathematics and IT Skills for EH
- EH Biology
- Communications for EH
- Building Technology for EH II
- Basic Microbiology for EH
- Introduction to Law and Principles of Risk Analysis
- EH Ecology & Entomology
- EH Food & Water Chemistry.

Stage 2:

- Food Technology for EH
- Introduction to hydrology, hydrogeology and atmospheric sciences
- EH Microbiology
- Food Safety (Animal Origin)
- Health and Safety Management
- Building Design Services and Finishes for EH
- Product Surveillance for EH
- EH Physical Applications – Noise & Radiation
- Food Safety Management
- EH Science
- EH Management
- EH Applications.

Stage 3:

- Professional Studies for EH
- Food Regulatory Affairs
- Food Safety & Quality Systems
- Risk assessment for Occupational Health
- Environmental Quality & Energy Management
- Public Health
- Housing Policy and Defects
- EH Research Methods and Statistical Analysis
- Professional Placement (7 months).

Students must be Garda Vetted for placement.

International placement opportunities available.

Stage 4:

- EH Impact & Planning Policy
- Food Safety
- Safety Management and Emergency planning
- Environmental Management and Protection
- Built Environment for EH
- Health Promotion
- Health Risk Assessment
- EH Research Project
- EH Optional Module.

Career Opportunities:

Graduates are normally employed in private and public sectors in areas such as environmental management & protection, health and safety, food safety and health promotion, as well as Environmental Health Officer (EHO) in the state sector. Employers need competent and qualified staff to steer them through their responsibilities in environmental health. State sector EHO's are normally responsible for monitoring and enforcing standards (through advice, education and regulation) in a wide range of areas such as food safety, air & water quality, pest control, cosmetic, tobacco, alcohol and sunbed policies. The qualification is recognised internationally with many employment opportunities available as EHOs.

The programme award is fully recognised by the Chartered Institute of Environmental Health for full registration.

LEAVING CERT ENTRY REQUIREMENTS:

Minimum No of:

Subjects 6

Honours (H5) 2

Minimum Grade in:

Maths. O4/H7

English or Irish. O6/H7

Other Requirements

At least O4/H7 in one of: Physics, Chemistry, Physics & Chemistry, Biology, Agricultural Science, Home Economics or Applied Mathematics.

FETAC LEVEL 5 ENTRY REQUIREMENTS:

A FETAC Level 5 entry route to this programme is available. Please visit

www.dit.ie/study/undergraduate/fetac

Further Information:

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**Infinite
Possibilities**

