

# Higher Certificate in Food Science & Management

TU645

DILLSCOIL TEICNEOLAÍOCHTA  
BHÁILE ÁTHA CLIATH  
**TU  
DUBLIN**  
TECHNOLOGICAL  
UNIVERSITY DUBLIN

**Qualification awarded:** Higher Certificate (Food Science & Management) Level 6

**Duration of programme:** 2 years

**Type of programme:** Higher Certificate

**Number of places:** 32 approx.

**Location:** TU Dublin, Grangegorman

This two year full-time programme provides students with scientific and technical understanding of food science and associated technologies as well as the business skills required to respond to the current needs of the food industry.



## Module Listing:

**Year 1:** Principles of Cellular Biology, Principles of Systems Biology, Fundamentals of Inorganic Chemistry, Fundamentals of Organic Chemistry, Computer Applications and Digital Skills, Introductory Microbiology, Fundamentals of Business Management and Marketing, Mathematics for Scientists I, Introduction to Occupational Safety and Health Management, Introductory Nutrition, Principles of Food Processing and Preservation, Applied Food Science Communications.

**Year 2:** Food Science and Management Project, Animal Products Technology, Food Microbiology, Introduction to Food Science and Analysis, Fundamental Sensory Evaluation, Introduction to Business Finance, Quality and Hygiene Systems, Food Ingredients and Consumer food, Kitchen and Larder 1, Horticultural Products Technology, Food Product Regulatory Affairs.

## Career Opportunities:

With the Irish food industry currently experiencing significant growth and a major contributor to Irish exports, this course provides rewarding job opportunities for those wishing to be part of this vital sector including entry-level management, food product development, market research and quality control.

Graduates may progress to higher level programmes, up to BSc honours degree level within DIT or elsewhere, provided they then meet the specific requirements of the chosen programme.

### LEAVING CERT ENTRY REQUIREMENTS:

#### Minimum No of:

Subjects . . . . . 5

Honours (H5) . . . . . 0

#### Minimum Grade in:

Maths. . . . . O6/H7

English or Irish . . . . . O6/H7

#### Other Requirements

At least O6/H7 in one of: Physics, Chemistry, Physics & Chemistry, Biology, Agricultural Science or Home Economics.

### FETAC LEVEL 5 ENTRY REQUIREMENTS:

A FETAC Level 5 entry route to this programme is available. Please visit [www.dit.ie/study/undergraduate/fetac](http://www.dit.ie/study/undergraduate/fetac)

## Further Information:

**Dr. David O'Connor**

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**Infinite  
Possibilities**

