



**QUEEN'S
UNIVERSITY
BELFAST**



**NEW
INTERNATIONAL
PARTNERSHIP
FOR VIETNAMESE
STUDENTS**

**SHAPING A
BETTER WORLD
SINCE 1845**

Queen's University Belfast and Ho Chi Minh City University of Technology have developed a new partnership creating a pathway for students to achieve a BSc in Food Quality, Safety and Nutrition. Students follow a two-year Foundation Programme in Ho Chi Minh City University of Technology and complete their BSc qualification in Queen's University Belfast.



WHY STUDY A DEGREE COURSE ABOUT FOOD?

As global populations continue to grow, we are putting more pressure on our food production and agricultural systems to keep up with demand. With increasing demand, we must continue to produce high quality food products which meets the nutritional needs of consumers at an affordable price.

This highlights the need for graduates who understand these challenges and opportunities. Vietnam now has rising levels of income, a younger population and increased health consciousness

which have created opportunities for food manufacturers to create new products within the local market which has led to a 16% growth in the sector and help prepare Vietnamese brands for export to this global market.

Our graduates work with global food brands to develop new products which meet the changing consumer demands, and also understand the science behind safety and nutrition food products.



BSc in FOOD QUALITY, SAFETY AND NUTRITION

4 year programme

(two years Vietnam/two years UK)

A BSc in Food Quality, Safety and Nutrition gives students knowledge and understanding in three key areas related to food production and consumption.

Food Quality concerns the 'fitness for purpose' of food in terms of appearance (eg. colour and surface qualities, texture, flavour and odour) and how these can be improved.

Food Safety considers the physical, microbiological and chemical aspects of food, which may be harmful to human health and how this can be minimised.

Nutrition concerns the nutrient supply from foods supporting the human body in both health and ill health throughout all life stages.

This degree emphasises the interrelationship between these areas and their equal importance to global food production.



The Course

The full course is studied over four years with two years in HCMUT campus and a further two years in Queen's University Belfast campus in Northern Ireland.

Year one and two - Foundation Programme at Ho Chi Minh City University of Technology

This programme will give students an introduction to the main areas of the programme and prepare them for progression to Queen's University Belfast. The programme is taught in English to help students develop their language skills and prepare them for modules in the UK.

- Chemistry for Biological Sciences
- Food Biochemistry and Human Physiology
- Introductory Skills for Biosciences
- Composition of Foods
- Food Microbiology
- Fundamental Nutrition

Students who successfully complete the foundation programme and meet the English language requirements progress to study the BSc in Food Quality, Safety and Nutrition.

Year three and four – BSc in Food Quality, Safety and Nutrition

- Food Commodities, Processing and Hygiene
- Food Choice, Diet and Health
- Principles of Food Quality
- Business Innovation and Entrepreneurship
- Clinical Nutrition
- Food Product Development
- Food Supply Chain Safety and Security
- Work Placement/or Advanced Food Analysis
- Research Project

Career

Students who undertake this course can pursue a range of careers. Those in the Food Industry include:

- New Product Development
- Technical Areas
- Quality Management
- Health Promotion
- Industry Research
- Further research (PhD)



How to Apply

Applicants should apply directly to Ho Chi Minh City University of Technology for the Foundation Programme in Food Quality, Safety and Nutrition.

Following successful completion of Foundation modules and English language requirements, students should apply to progress to Queen's University Belfast for completion of the BSc in Food Quality, Safety and Nutrition.

About Queen's University Belfast

Queen's was established by Royal Charter in 1845 and is the ninth oldest university in the UK. Part of the Russell Group, it is one of the UK's leading research intensive university ranked 180 in the world (QS World University Rankings 2019). Queen's has an exceptional reputation for supporting students and staff, and conducting leading-edge education and research, focused on global challenges.

The School of Biological Sciences has a global reputation for research and education programmes in Food Safety and Food Security. Queen's is leading the world in addressing the global challenge of how to ensure the safety of our food, through the Institute for Global Food Security (IGFS).

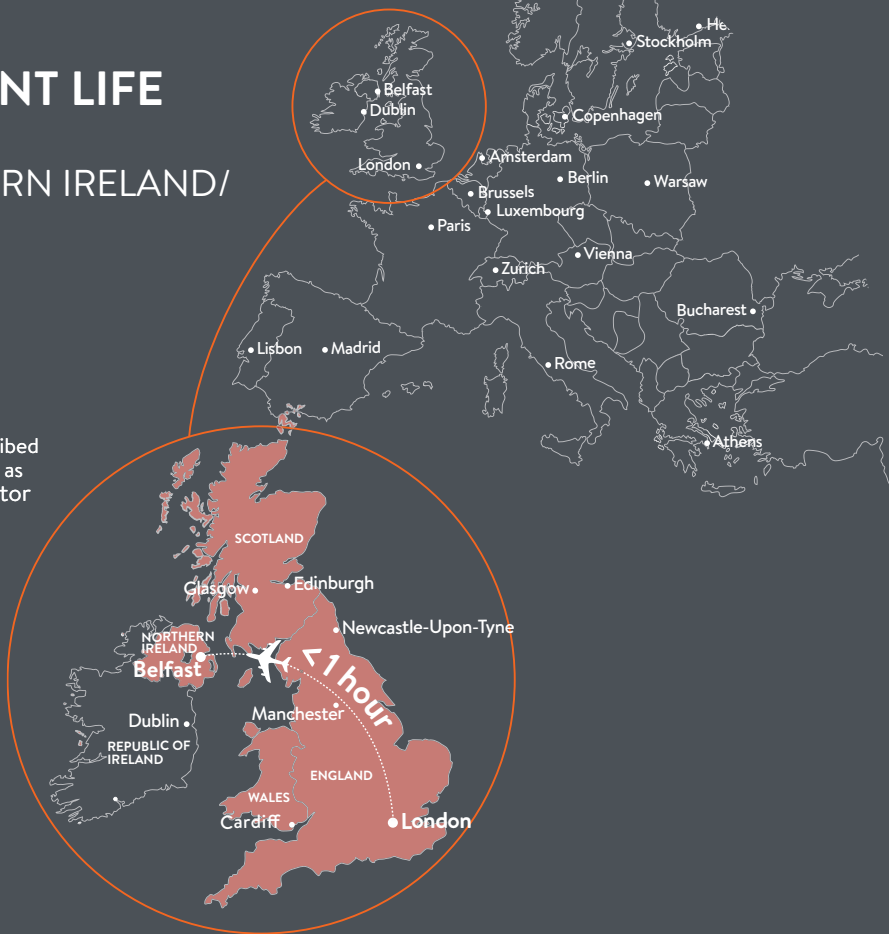
Our researchers track and prevent contamination of crops, animal feeds and foods. They help detect fraud along the supply chain, develop advanced food provenance systems, work to improve the crop quality, the health of farm animals and resistance to disease.



STUDENT LIFE IN NORTHERN IRELAND/ BELFAST



Belfast is described by Lonely Planet as a **must-see** visitor destination



Northern Ireland is part of the UK, one hour from London and many other large UK cities. A small country with a population of 1.8 million, it's 'the happiest place in the UK' (Office of National Statistics, 2016) and Belfast 'a must-see visitor destination'.

Belfast and the Causeway Coast was named the Number One region in the world to visit (Lonely Planet, 2017) and Belfast is one of Europe's most friendly and fashionable regional capitals. Boasting a wide range of entertainment venues, from an arena and opera house to intimate theatres, cinemas and clubs, Belfast regularly hosts local and international artists and events.

Contact Us

For further information about this programme and how to apply, please contact:

askmhls@qub.ac.uk

www.qub.ac.uk/mhls

www.hcmut.edu.vn



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