

## **BSc (Hons) Food Hygiene and Environmental Health [Top-Up Programme] – A401/16**

### **1. Introduction and Rationale**

The BSc (Hons) Food Hygiene and Environmental Health is a trans-disciplinary programme designed to provide graduates with the skills necessary to analyse and evaluate food, environmental and public health problems in scientific, technical and managerial terms. The programme is meant for holders of a Diploma in Sanitary Science/Environmental Science/ Environmental Health or in any relevant field.

It is designed to provide academic progression through all the levels and strands, to produce a graduate with a comprehensive education and a wide range of skills applicable to practise in environmental health, food control and allied professions. Increasingly, opportunities exist in private sectors and consultancies in the areas of food safety, environmental protection and occupational health and safety. It also provides opportunities for postgraduate studies in related fields.

### **2. Objectives**

**By the end of this programme, graduates will have developed knowledge and skills to:**

- identify potential hazards and assess their impacts in food, water and environmental systems
- apply principles of risk analysis with respect to food safety and environmental hazards
- carry out laboratory analyses on physical, chemical and microbiological parameters in food, water and the environment
- explain the principles underlying common methods of food preservation and describe common food processing technologies employed in food manufacture
- conduct environmental/sanitary inspections
- evaluate the key concepts underpinning waste management and environmental pollution
- familiarise with various environmental assessment techniques
- interpret and apply legislation related to food, public health and environment
- integrate strategic management skills into professional practice
- demonstrate transferable skills namely written and oral communication, team working, problem solving and IT skills

### **3. General Entry Requirements**

In accordance with General Entry Requirements for Admission to the University for Undergraduate Degrees.

### **4. Programme Requirements**

A Diploma in Sanitary Science /Environmental Science/ Environmental Health or in any relevant field.

### **5. Programme Duration**

	<b>Normal (Years)</b>	<b>Maximum (Years)</b>
Degree	2	4

**6. Credits per semester:** Minimum 3 credits, Maximum 24 credits subject to Regulation 5.

**7. Minimum Credits Required for the Award of the undergraduate Degree: 47**

Breakdown is as follows:

	Credits from				
	Core Taught Modules	Project	Electives	GEMs	Total
Degree	38	9	-	-	47

## 8. Assessment

Each module will be assessed over 100 marks (i.e. expressed as %) with details as follows (unless otherwise specified).

Assessment of each module will be based on a Written Examination of 2-3 hour duration, carrying a weighting of 70%, and Continuous Assessment carrying 30% of total marks. Continuous Assessment will be based on laboratory/field works, and/or assignments, and should include at least 1 class test.

An overall total of 40% for combined Continuous Assessment and Written Examination components would be required to pass the module, without minimum thresholds within the individual Continuous Assessment and Written Examination.

All students should keep a portfolio of all coursework for their respective programme of studies and same should be made available upon request, to the Faculty Examination Office. In case students fail to submit the Portfolio to the External Examiners through the Faculty Examination Office, a penalty of 10% on all Continuous Assessment marks obtained shall apply

Modules will carry either 1, 3 or 4 credits except the project which carries 9 credits.

Written examinations for all the modules will be carried out at the end of the Semester except for AGRI 2261(1) Scientific Communication and AGRI 4215Y(5)“Environment and Food Control” module which will be assessed at the end of academic year. AGRI 2261(1) - Scientific Communication and AGRI 1100- Occupational Safety and Health will be based on continuous assessment of students through classtest and/or submission of a portfolio.

### **Submission Deadlines for Dissertation:**

- First Draft: By last week day of February of the Academic Year
- Final Copy: Three copies of the dissertation (two spiral-bound copies and one soft copy in a single PDF text file on electronic storage media) should be submitted to the Faculty/Centre Registry and **in addition, a soft copy of the dissertation in a single PDF text file should be uploaded on the “Turnitin’ Platform”, in the final assignment submission link indicated by the Programme/Project Coordinator.** All of the above should be submitted not later than the last week day of March of the academic year by 4.00 p.m. at latest.
- **Failure to submit the Project/Dissertation through the Turnitin Platform will deem to be unreceivable.**

## 9. List of Modules

Code	Module Name	Hr / Yr L+P	Credits
AGRI 3104(5)	Environmental Health	30+30	3
AGRI 3107(5)	Processing of Food	30+30	3
AGRI 3108(5)	Human Nutrition	45+0	3
AGRI 3206(5)	Statistics and Research Design	30+30	3
AGRI 3209(5)	Food and Environmental Microbiology	30+30	3
AGRI 3210(5)	Quality Management for Food Industries	45+0	3
AGRI 4000(5)	Project		9
AGRI 4106(5)	Food Inspection and Analysis	30+30	3
AGRI 4211(5)	Environmental pollution and waste management	45+30	4
AGRI 4212(5)	Environmental assessment strategies	30+30	3
AGRI 4215Y(5)	Environment and Food Control	45+30	4
AGRI 4214(5)	Food Safety and Food Hygiene	45+30	4
AGRI 1100(1)	Occupational Safety and Health	15+0	1
AGRI 2261(1)	Scientific Communication	15+0	1

## 10. Programme Plan – BSc (Hons) Food Hygiene and Environmental Health [Top-Up Programme (P/T)]

### YEAR 1

Code	Module Name	Hr / Yr L+P	Credits
<b>Semester 1</b>			
AGRI 1100(1)	Occupational Safety and Health	15+0	1
AGRI 3104(5)	Environmental Health	30+30	3
AGRI 3107(5)	Processing of Food	30+30	3
AGRI 3108(5)	Human Nutrition	45+0	3
<b>Semester 2</b>			
AGRI 3206(5)	Statistics and Research Design	30+30	3
AGRI 3209(5)	Food & Environmental Microbiology	30+30	3
AGRI 3210(5)	Quality Management for Food Industries	45+0	3
AGRI 2261(1)	Scientific Communication	15+0	1

### YEAR 2

Code	Module Name	Hr / Yr L+P	Credits
AGRI 4215Y(5)	Environment and Food Control	45+30	4
AGRI 4000Y (5)	Project		9
<b>Semester 1</b>			
AGRI 4212(5)	Environmental Assessment Strategies	30+30	3

AGRI 4214(5)	Food Safety and Food Hygiene	45+30	4
<b>Semester 2</b>			
AGRI 4106(5)	Food Inspection and Analysis	30+30	3
AGRI 4211(5)	Environmental Pollution and Waste Management	45+30	4

**Total Number of Credits: 47**