

## AGRI S7016: Agri-Food Quality Management

Module Details	
Module Code:	AGRI S7016
Full Title:	Agri-Food Quality Management <b>APPROVED</b>
Valid From::	Semester 1 - 2021/22 ( September 2021 )
Language of Instruction:	English
Duration:	1 Semester
Credits::	5
Module Owner::	<ul style="list-style-type: none"><li>• Breda Brennan</li><li>• Simone McCabe</li></ul>
Departments:	Agriculture, Food and Animal Health
Module Description:	To provide the learner with the necessary knowledge and understanding of the principles of Sustainable Quality Assurance at an Agri-Food level. S/he will also acquire the practical knowledge to apply Quality Assurance and Food Safety schemes to the production of farm produce.

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	Module Learning Outcome Description
MLO1	Determine key sustainable quality management and safety standards required at farm level
MLO2	Appraise the use of tools to improve the quality and safety of farm produce.
MLO3	Audit and monitor an actual quality management system of a farm/agri-food enterprise.
MLO4	Categorise the testing and quality assurance requirements of a creamery or meat factory.
Pre-requisite learning	
<b>Module Recommendations</b> <i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named DkIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
No recommendations listed	

Module Indicative Content
<b>Farm Quality Assurance Schemes</b> Sustainable Beef and Lamb, Dairy, Pig and Poultry Bord Bia Quality Assurance Schemes. Origin Green. Animal traceability requirements. Animal welfare. Environmental protection
<b>Meat Processor Quality Assurance Scheme</b> Processor standards; consumer and market requirements. Hygiene requirements; animal welfare; storage and handling; traceability; waste disposal.
<b>Quality Management and Safety Standards relating to farm and food produce</b> Quality control, quality management; farm safety standards; EU/Irish directives and regulations; HACCP principles.
<b>Auditing</b> Auditing standards, techniques and cross-compliance for quality assurance and safety of agri-food enterprises.
<b>Farm/Factory Visit</b> Quality Assurance compliance on farms and/or farm raw materials for a creamery or meat factory.

Module Assessment	
Assessment Breakdown	%
Course Work	100.00%
Module Special Regulation	

## Assessments

Part Time On Campus			
Course Work			
<b>Assessment Type</b>	Written Report	<b>% of Total Mark</b>	20
<b>Marks Out Of</b>	0	<b>Pass Mark</b>	0
<b>Timing</b>	S1 Week 7	<b>Learning Outcome</b>	1,2,4
<b>Duration in minutes</b>	0		
<b>Assessment Description</b> Report on site visit to a Quality Assured farm/factory			
<b>Assessment Type</b>	Class Test	<b>% of Total Mark</b>	20
<b>Marks Out Of</b>	0	<b>Pass Mark</b>	0
<b>Timing</b>	S1 Week 9	<b>Learning Outcome</b>	1,2
<b>Duration in minutes</b>	0		
<b>Assessment Description</b> Test on theory of Quality Assurance and safety on a farm			
<b>Assessment Type</b>	Continuous Assessment	<b>% of Total Mark</b>	60
<b>Marks Out Of</b>	0	<b>Pass Mark</b>	0
<b>Timing</b>	End-of-Semester	<b>Learning Outcome</b>	3
<b>Duration in minutes</b>	0		
<b>Assessment Description</b> Create a Quality Assurance and Safety Manual for a farm/agri-food enterprise.			
No Project			
No Practical			
No Final Examination			
Reassessment Requirement			
<b>A repeat examination</b> <i>Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.</i>			

## Module Workload

This module has no Full Time On Campus workload.

### Workload: Part Time On Campus

Workload Type	Contact Type	Workload Description	Frequency	Average Weekly Learner Workload	Hours
Lecture	Contact	Lectures associated with indicative content	Every Week	2.00	2
Directed Reading	Non Contact	Textbooks/Papers/Online resources	Every Week	2.00	2
Independent Study	Non Contact	Self/Group study	Every Week	2.00	2
Practical	Contact	1 x 4 hour site visit to farm /factory	Every Week	0.50	0.5
Online Contact	Contact	Online support	Every Second Week	0.50	1
				Total Weekly Learner Workload	7.00
				Total Weekly Contact Hours	3.00

Module Resources
<i>Recommended Book Resources</i>
Thia Hennessy et al., Teagasc (Organization). (2013), Measuring Farm Level Sustainability with the Teagasc National Farm Survey, [ISBN: 978-1-84170-604-7].
<i>Supplementary Book Resources</i>
Frans J.M. Smulders, Bo Algers. (2009), Welfare of production animals: assessment and management of risks, Wageningen Academic Publishers, p.588, [ISBN: 978-90-8686-122-4]. J.P.T.M. Noordhuizen,J. Cannas da Silva,J.S.C. Boersema,A. Vieira. (2007), Applying HACCP-based Quality Risk Management on dairy farms, Wageningen Academic Publishers, p.312, [ISBN: 978-90-8686-052-4].
<i>This module does not have any article/paper resources</i>
<i>Other Resources</i>
Website, Bord Bia Sustainable Quality Assured Schemes, <a href="https://www.bordbia.ie/farmers-growers/get-involved/become-quality-assured/">https://www.bordbia.ie/farmers-growers/get-involved/become-quality-assured/</a> Website, Origin Green, <a href="https://www.bordbia.ie/industry/farmers/origingreen/pages/default.aspx">https://www.bordbia.ie/industry/farmers/origingreen/pages/default.aspx</a> Website, Bord Bia Performance and Prospects, <a href="https://www.bordbia.ie/industry/insights/performance-and-prospects/performance-prospects-2021/">https://www.bordbia.ie/industry/insights/performance-and-prospects/performance-prospects-2021/</a>