

AGRI C4F03: Animal product quality

Module Title::::::::::::::::::::::::::::::::::::					
Credits: 5 INFQ Levol: 8 Module Delivered In 2 programme(s). Teaching & Learning Strategies: Formal lectures will be complemented by practical field sessions and site visits to food producers in the South East. This will allow for a balance of theory and hands on learning activities and expose the student to the strategies and emerging factifies to ensure that a quality product can be delivered to the consumer. Classroom activities will focus on the main animal enterprises in firsh apriculture with an emphasis of new spose them to new concepts in animal product or. Module Alm: The module will focus on how animal product quality or animal product or the animal product or the marketability or bord. Visiting lecturers will be used where appropriate to enhance the learning experience o the students and expose them to new concepts in animal product on. Module Alm: The module will focus on how animal product quality can be optimised through good management principals. Procusing mainy on the quality of animal produce, the module will also be a focus on nutritional enhancement of the animals still be obteness. Learning Outcomes The module will product shat meet market specification can maximise the return from the market place to processor level to produce product that is more nutritional characteristics and/ or sensory characteristics LO3 Be capable of providing on farm advice to farmers on how they can meet the animal quality specifications and quality assurance schemes that are equired LO4 Understand the role of nutritional enharactenel to the consumer	Module Title:		Animal product quality		
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Module Content & Assessment

Indicative Content

Animal Product Quality

Animal product quality needs to be consumer led. Ensuring that the meat and dairy products are optimised for human consumption is essential in the sustainability of the system. The end user approach is essential here; what are the carcass traits desired by the consumer? what is the main dairy product being produced from milk? Starting at the consumer end, this module will work backwards to demonstrate how these criteria can be met at farm level.

Quality Assurance Various examples of Bord Bia's quality assurance schemes will be used to demonstrate how they are implemented at farm and processor level and give the student an insight into the rationale for their development.

Nutritional Enhancement of Animal Product

The student will learn about the most recent examples of how animal products can be enhanced to improve the nutrition of those consuming them. Content will be derived from published papers as well as commercial examples of nutritional enhancement e.g. omega enriched chicken.

Assessment Breakdown	%
Continuous Assessment	50.00%
End of Module Formal Examination	50.00%

Continuous Assessment					
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date	
Written Report	Students are to complete a written report on a concept delivered in a lecture. The report must summarise the findings in a farmer facing format.	1,2,3,4	10.00	n/a	
Practical/Skills Evaluation	Students must complete a quality assurance assessment of a livestock farm.	3	10.00	n/a	
Practical/Skills Evaluation	Students are to complete an assessment of the clean livestock policy / dairy hygiene policy on farm and offer farmers advice where necessary	1,3	10.00	n/a	
Reflective Journal	Students are to complete a report on a site visit to a food processor summarising their main learnings.	1,2,4	10.00	n/a	
Reflective Journal	Students are to complete a report on a site visit to a food processor summarising their main learnings.	1,2,4	10.00	n/a	

No Project

No Practical

End of Module Formal Examination					
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date	
Formal Exam	Terminal Exam	1,2,3,4	50.00	End-of-Semester	

SETU Carlow Campus reserves the right to alter the nature and timings of assessment



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Module Workload

Workload: Full Time		
Workload Type	Frequency	Average Weekly Learner Workload
Lecture	12 Weeks per Stage	2.00
Practicals	12 Weeks per Stage	1.00
Independent Learning Time	12 Weeks per Stage	3.00
	Total Hours	72.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_EFARG_B	Bachelor of Engineering (Honours) in Agricultural Systems Engineering	8	Elective
CW_SWSFM_B	Bachelor of Science (Honours) in Sustainable Farm Management and Agribusiness	8	Elective