

Module Title:	Ruminant Animal Production
Language of Instruction:	English
Credits:	5
NFQ Level:	6
Module Delivered In	4 programme(s)
Teaching & Learning Strategies:	Formal lectures will be complemented by practical field sessions that will allow for a balance of theory and hands on learning activities. Classroom activities will focus on the key performance indicators underpinning ruminant animal enterprises. Visiting lecturers will be used where appropriate to enhance the learning experience of the students and expose them to new concepts in animal production. Students will learn the hands-on management aspects (e.g. BCS) of animal production through farm based practical sessions.
Module Aim:	This module aims to introduce students to ruminant animal production in Ireland and the various challenges faced by the sector. Students will learn about the management principles that apply to animal production at farm level that improve the overall sustainability of the sector.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Demonstrate key skills that apply to animal production e.g. body condition scoring, locomotion scoring etc.
LO2	Understand the importance of pasture management in driving the profitability and sustainability of animal production
LO3	Be capable of discussing sustainability as it applies to animal production systems
LO4	Demonstrate a knowledge of ruminant animal production in Ireland
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

Module Content & Assessment

Indicative Content

Cattle production

Students will learn about the practical aspects of managing a herd of beef cattle

Dairy production

Students will learn about some of the practical management aspects of dairy production

Sheep production

Students will learn about the practical aspect of sheep production

Safety when working with animals

Through the practical sessions, the learner will be given instruction on and expected to demonstrate skills in the safe handling of animals including but not limited to- -Strategies to avoid zoonosis -Crush injuries when handling animals in confined areas -Risk to musculoskeletal system due to mishandling of animals -Dealing with high risk animals and -Strategies to mitigate against the risks when handling animals

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

No Continuous Assessment

No Project

Practical

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Practical/Skills Evaluation	Students will complete reports on the outcomes of each practical session attended demonstrating skills acquired.	1,2	50.00	Sem 2 End

End of Module Formal Examination

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

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

Module Workload

Workload: Full Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	12 Weeks per Stage	1.50
Practicals	12 Weeks per Stage	1.50
Independent Learning	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	2	Mandatory
CW_EFARG_D	Bachelor of Engineering in Agricultural Systems Engineering	2	Mandatory
CW_SWSFM_B	Bachelor of Science (Honours) in Sustainable Farm Management and Agribusiness	2	Mandatory
CW_SWSFM_D	Bachelor of Science in Sustainable Farm Management and Agribusiness	2	Mandatory