

Module Overview			
Module Title	Integrated Agricultural Systems		
Module Code	4038a	Module Type	Taught Module
School	School of Agriculture, Food and the Environment		
Module Leader	Nicola Cannon		
Location	Cirencester	Semester	Semester 1 (RAU)
FHEQ Level	Level 7	Credits	15 credits
QAA Subject Benchmark Statement	No relevant statement		
Module Description			
<p>This module is designed to investigate the key global enterprise production systems and analysis of a range of crop, animal and mixed farming systems. Complex agricultural systems including agro-forestry, aquaponics and integrated approaches to crop protection, soil management and nutrient management will be highlighted through the farming enterprises examples covered. The module aims to challenge different farming systems and seek solutions for a more sustainable agricultural future.</p>			
Intended Learning Outcomes			
ILO1	Critically evaluate the potential opportunities and limitations of the main agricultural enterprises.		
ILO2	Critically evaluate social, economic and environmental influences of differing agricultural systems.		
ILO3	Use a case study approach to critically analyse the effects of integrated farm management approaches on the sustainability of agricultural systems around the world.		
Learning, Teaching and Assessment			
Approach to Learning and Teaching			
<p>The module will be taught using pre-recorded lectures as an introduction to the subject material, as well as a diverse range of formats including a lab session, interactive discussions, farm walks to see systems in practice and as an opportunity to discuss live challenges as well as student group presentations.</p>			
Approach to Assessment			

100% of the module is assessed by a 3-hour, unseen examination									
Scheduled Learning and Teaching Hours (seminars)					18				
Scheduled Learning and Teaching Hours (field-based)					4				
Scheduled Learning and Teaching Hours (lab-based)					2				
Scheduled Learning and Teaching Hours (computer-based)					0				
Scheduled Learning and Teaching Hours (online learning)					30				
Independent Study Hours					96				
Placement Learning Hours					0				
Total Study Hours					150				
Assessment Components									
Component	Type	Weight	Acc' Req?	Submission Week	ILOs Assessed				
					1	2	3	4	5
Written Exam (3 hours)	Exam	100%	<input type="checkbox"/>	Week 34	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Associated Programmes									
Programme Title					Designation				
MSc Sustainable Agriculture and Food Security					Core				
MSc Agricultural Technology and Innovation					Core				
Resources									
Reading list		https://rau.rl.talis.com/index.html							