

Programme Specification

Part 1: Basic Data			
Primary Programme Title	Master of Science in Sustainable Agriculture		
Target Award Titles	Mode and Typical Duration of Study	Professional Accrediting Body Links	Study Abroad / Exchange / Credit Recognition
MSc Sustainable Agriculture	Full time, 1 year Part time, 2 or 3 years	None	None
Interim Award Titles	Postgraduate Diploma in Sustainable Agriculture Postgraduate Diploma in Agricultural Studies Postgraduate Certificate in Sustainable Agriculture Postgraduate Certificate in Agricultural Studies Postgraduate Award in Agricultural Studies		
Teaching Delivery Method	Onsite		
Awarding Institution	Hartpury University		
Teaching Institution	Hartpury University		
Delivery Location	Hartpury		
Department Responsible for Programme	Animal and Agriculture		
Unit-E Code	MSTCSAXX		
Entry Criteria Information	Applicants will have achieved entry criteria appropriate for the stage of entry, which can be found through the Hartpury website (www.hartpury.ac.uk).		
Most Recent Validation Date	8 February 2024	Due for Re-validation By	01 September 2029
Amendment Approval Date		Approved With Effect From	V1.0 - 01 September 2024
Professional Accrediting Body Approval Date	N/A	Date for Re-accreditation	N/A
Version	1.0		

Part 2: Programme Overview

MSc Sustainable Agriculture graduates can apply scientific principles and practices to make a positive difference in the constantly evolving global agricultural industry in order to meet the diverse range of current and future challenges ahead. They have a detailed knowledge and understanding of the practices and principles of sustainable production systems and resource management and are able to critically analyse and evaluate the range of complex interactions between production, resource management, animal welfare and legislation to meet multiple sustainable development goals.

Graduates are able to demonstrate their skills in reflection, applied research and information dissemination that will support the drive to positively change the agricultural industry with beneficial impact. Through this, graduates can identify the benefits to stakeholders (themselves, society and industry) from their personal and professional development to be the best that they can be.

Part 3: Programme Structure

This structure diagram demonstrates the student journey from enrolment through to graduation for a typical **full time student on the primary programme**, including:

- level and credit requirements
- award requirements that are in addition to those described in the Hartpury University Academic Regulations
- module diet, including core and optional modules.

Please note:

*PAB – these modules are subject to additional and variant regulations as part of an accreditation by a professional accrediting body

+ core modules marked + are not eligible for compensation

	Core Modules	Optional Modules	Target and Interim Awards
Stage 1	HAGVRQ-30-7 + Sustainable Development in Agriculture HAGVJM-45-7 + Sustainable Agricultural Production HANVL5-60-7 + Postgraduate Dissertation HANXKT-15-7 The Research Process HAGVKE-15-7 Sustainable Resource Management in Land-Based Industries HANVH9-15-7 Applied Animal Welfare Assessment	None	<u>Postgraduate Award in Agricultural Studies</u> <u>PG Cert Agricultural Studies</u> <u>PG Cert Sustainable Agriculture</u> This must include HAGVKE-15-7 and HAGVJM-45-7. <u>PG Dip Agricultural Studies</u> <u>PG Dip Sustainable Agriculture</u> This must include all core modules except HANVL5-60-7 <u>MSc Sustainable Agriculture</u> This must include all core modules.

Part time:

The part time student journey from entry through to graduation is individually negotiated with the student.

Part 4: Programme Learning Outcomes

Modules in bold are core modules and modules not emboldened are optional modules.

A denotes a module that assesses a learning outcome and B denotes a module aligned with a learning outcome.

	Sustainable Resource Management in Land-Based Industries	Sustainable Development in Agriculture	The Research Process	Postgraduate Dissertation	Applied Animal Welfare Assessment	Sustainable Agricultural Production
Learning Outcomes:						
A) Knowledge and Understanding of:						
1. How established techniques of research and enquiry underpins science, resource management and personal and professional development within the global sustainable agricultural industry.	A	A		B	B	A
2. A range of global farming systems, farm assurance schemes and strategies for meeting targets and goals across a range of sectors.	B				B	A
3. The ethical frameworks, values and beliefs that inform sustainable agricultural production and resolution methods to resolve personal and professional conflict.	B				B	A
4. Knowledge domains and their use in developing fulfilling careers within the agricultural sector.		A				

5. Techniques used to study the agricultural environment and their advantages and disadvantages.			B	A	A	
6. Salient issues and industry-based problems, including sustainability, and the application of appropriate research methodologies to solve a range of complex issues.		A		A		A
B) Intellectual Skills						
1. Apply critical analysis, evaluation and synthesis to their subject area to support self and industry improvement.	B	A			B	B
2. Critically appraise current and best practices in agricultural production and apply to problem solving in meeting sustainable development goals and performance in the agricultural industry.	B				B	A
3. Critically analyse data to inform decision making in complex situations, including in the absence of complete data.	B	B		A		A
4. Select and employ appropriate research methods and demonstrate the ability to critique and present the findings to a range of audiences.			B	A		
C) Performance and Practice						
1. Undertake critical reflection in a range of situations and environments to improve personal and professional practice.		A				B
2. Develop and implement personal, professional and industry-recognised development strategies.	B	A				B
3. Effectively communicate scientific information to academic, professional and lay audiences.	A	A		A	A	B
4. Advocate for increased use of sustainable development goals within agriculture employing an evidence-based approach.	A	A				A
5. Employ a range of IT and technological skills in measuring, evaluating, analysing and disseminating results from agricultural research and business performance.			A	A	B	B
D) Setting, Personal and Enabling Skills						
1. Ability to work successfully both independently and as part of a team.		A		B		B
2. Communicate effectively in a range of environments considering diverse audiences, including conflict resolution and research dissemination	B	A			A	B
3. Manage personal time, prioritise workloads and deal with conflicting demands.		A		A		B
4. Understand and manage change effectively, both personally and professionally.	B	A				B
5. Critically appraise how an individual's work in agriculture can contribute towards global sustainability goals.	A	B				A
6. Compose strategic plans with clear goals and outcomes that effect behaviour changes in the agricultural industry.	A	A				B
7. Utilise problem-solving skills in a variety of theoretical and practical situations.	B	A	B	A		A

Part 5: Learning, Teaching and Assessment

Learning, Teaching and Assessment Journey

Teaching will focus around the core knowledge areas of the programme with a strong emphasis on sustainability across all three pillars (environment, social and economic). Theory will be integrated alongside practical sessions giving the students the opportunity to apply academic evidence and arguments to real-world situations and problems. Group discussions will be at the heart of student learning allowing the experiences of all students and staff to be heard and analysed followed by chances to apply their ideas to the industry. Problem-based learning will allow students to evaluate and challenge pre-existing practice, develop team and group working skills and present innovative solutions to their peers, stakeholders and academics. The practical learning opportunity will facilitate these problem-solving skills further allowing students to engage with authentic industry challenges, working with stakeholders to potentially have the ability to implement and gain feedback on their ideas and skill sets.

Throughout the programme, students will engage with a diverse range of guest speakers, industry stakeholders and academics. The global context will be explored, enhanced by technology allowing speakers and input from around the globe. Students will have learning opportunities at Hartpury's commercial enterprises and local specialist businesses to ensure they can continue to apply knowledge in different agricultural sectors.

All assessments will require students to apply theory to practice, underpinning arguments with industry and academic evidence within the global context. All students will complete a research project aiming to advance an area of agricultural practice that can be disseminated to industry. Assessments have been designed to develop students' research skills within all modules to enable them to achieve in their final research project. A portfolio will allow students to develop as reflective practitioners and evaluate their practical learning experiences from a personal and industry development perspective. Written assessments will be used to evaluate real-world scenarios, global case studies, develop student ability to write industry level reports and continue to develop their master's level criticality and academic skills. Different communication methods will be assessed to ensure graduates can effectively engage with a range of industry stakeholders and academics to further enhance their employability.

This programme will be assessed according to the approved Academic Regulations.

Students registered on this programme will have access to the Hartpury University support services.

The distinctive module used by the Programme Examination Board to inform recommending differential awards for students when considering borderline performance profiles will be:

Sustainable Agricultural Production

Assessment Map									
		Type of Assessment*							
		Coursework	Report	Portfolio	Written Examination	Written Test	Practical Skills Examination	Practical Skills Assessment	Oral Assessment
Core Modules Stage 1	Sustainable Development in Agriculture			A (100) Reflective Portfolio					
	Sustainable Agricultural Production	B (60) Coursework			A (40) Seen Open-Material Case Study Written Examination				
	Postgraduate Dissertation		A1(75) Project Report						A2 (15) Poster Defence A3 (10) Oral Presentation
	The Research Process	B (70) Coursework							A (30) Oral Presentation with Questions
	Applied Animal Welfare Assessment							A (50) Practical Skills Assessment	B (50) Oral Assessment
	Sustainable Resource Management in Land-Based Industries		B (50) Case Study Report				A (50) Oral Examination		
<p>*Indicative assessment types for new students enrolling on this programme after the date this specification takes effect (Part 1) are shown in terms of either Coursework, Written Examination, or Practical Examination as indicated by the colour coding above.</p> <p>This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if they take full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of individual modules can be found through Hartpury's website (www.hartpury.ac.uk).</p>									

Approved Programme Amendment Log

Primary Programme Title:	MSc Sustainable Agriculture
Programme Code:	MSTCSAXX
Initial Approval Date:	08 February 2024

Changes: *Most recent at the top of the page*

Outline Change Details: new programme	
Approval Committee and Date:	CVC Chair's action (SB) 2024 02 08
Change approved with effect from:	01 September 2024
Resulting new version number:	1.0