

## Module Descriptor

Part 1: Basic Data					
Module Title	Applied Research Practice				
Module Code	HANV9C-30-7	Level	7	Version	3.0
Credit Rating	30	ECTS Credit Rating	15		
Teaching Institution	Hartpury	Department	Animal and Agriculture	Module Type	Standard
Contributes towards	MRes Animal Science MRes Equestrian Science PG Cert Research Methods				
Professional Accrediting Body	None	Module Entry requirements	None		
Pre-requisites	None	Excluded Combinations	None		
Most recent Validation Date	21 March 2022	Due for re-validation by	01 September 2027		
Amendment Approval Date		Approved with effect from	V3.0 - 01 September 2022		

Part 2: Module Content	
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ol style="list-style-type: none"> <li>1. Identify an original research topic that seeks to investigate a worthy question or problem (A, B)</li> <li>2. Critically appraise relevant literature, to obtain depth of knowledge of key theories and mastery of concepts associated with an area under investigation (B)</li> <li>3. Critically evaluate relevant methodologies and justify data analysis appropriate to answer the research question or to judge identified hypotheses for a selected project (A, B)</li> <li>4. Systematically implement an approved project protocol with integrity and attention to ethical, legal and research governance frameworks and workplace practices (B)</li> <li>5. Scrutinise and critically analyse data with insight and understanding and specificity to achieve the aims and objectives of a specified research project (B)</li> <li>6. Communicate concisely and clearly the key findings of an independent research project to a relevant audience (A)</li> <li>7. Critically reflect on own research practice and its value in the wider context of a project area (A, B)</li> </ol>
Syllabus Outline	<p>The syllabus of this module will reflect the context of the student's area of study and the research paradigms and design most appropriate to achieve their personalised research project. Therefore, the syllabus outlined below will be personalised to the individual's subject area:</p>

	<ul style="list-style-type: none"> <li>• Research paradigms, design process and methodologies</li> <li>• Role and requirements of a pilot study</li> <li>• Use of technology within research</li> <li>• Ethics and welfare</li> <li>• Advanced data analysis</li> <li>• Developing stakeholder relationships with consideration of individual backgrounds and experiences</li> <li>• Dissemination of research outputs: reports, conferences and lay press</li> <li>• Personalised reflective strategies</li> <li>• Evidence-based and evidence-informed practice</li> <li>• Project planning and management</li> </ul>
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Part 3: Learning, Teaching and Assessment	
Description of Learning and Teaching	Teaching and learning strategies vary for this module and may include lectures, seminars and tutorial support. Students will be allocated a tutor aligned to their personalised subject area and / or methodological approach who they will be expected to engage with to support planning, implementation and successful completion of a research project. Students will also be expected to engage in independent learning and extensive further reading to support their achievement. Attendance at relevant research conferences and industry events is encouraged to broaden knowledge and understanding of their individual subject area.
Resource Strategy	<p><b>Essential reading</b></p> <p>Essential material will be indicated to the student via pre-course material, module guides and through their accessing a dedicated VLE presence. No requirement for the purchase of set text(s) will be made unless explicitly stated and students will have full access to library services, online applications, and inter-library loans.</p> <p><b>Further reading</b></p> <p>Students are expected to identify all other reading relevant to their chosen topic for themselves. They will be required to read widely using the library catalogue, a variety of bibliographic and full text databases, and Internet resources. Many resources can be accessed remotely. The purpose of this further reading is to ensure students are familiar with current research, classic works and material specific to their interests from the academic literature and wider professional sources.</p> <p><b>Access and skills</b></p> <p>Formal opportunities for students to develop their library and information skills are provided within the induction period and student skills sessions. Additional support is available through online resources. This includes interactive tutorials on finding books and journals, evaluation information and referencing. Sign up workshops are also offered.</p>
Assessment Strategy	<p>This module will be assessed according to the approved Hartpury Academic Regulations including any specific regulations detailed within the student's programme specification.</p> <p>The assessment strategy is designed to allow students to engage with a preliminary pilot research study related to their area of personalised interest. They will be required to have an original research topic approved by their allocated supervisor and then to manage this project through to completion, and produce a professional report outlining their findings and reflect on how</p>

	<p>these contribute to their own future study, the research field and industry practice, where applicable.</p> <p>Effective dissemination of research is an essential skill for the modern researcher. To support the development of communication skills, students will also design, present and defend a scientific poster summarising their project. This opportunity will develop interpersonal and communication skills supporting future attendance at conferences.</p> <p>Throughout the module, students are encouraged to engage in critical debate of their ideas, project design and execution to gain informal formative feedback from their supervisor, their peers, and any internal or external stakeholders in the project.</p> <p>A student may apply for alternative means of assessment if appropriate. Each application will be considered on an individual basis taking into account learning and assessment needs. For further information regarding this please refer to the VLE.</p>
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Identify final assessment component and element	B1	
% weighting between components A and B (Standard modules only)	A:	B:
	30%	70%
<b>First Sit</b>		
Component A Description of each element	Element weighting (as % of component)	
1. Poster Defence (15 minutes)	100%	
Component B Description of each element	Element weighting (as % of component)	
1. Project Report (3,000 words)	100%	

Resit (further attendance at taught classes is not required)	
Component A Description of each element	Element weighting (as % of component)
1. Poster Defence (15 minutes)	100%
Component B Description of each element	Element weighting (as % of component)
1. Project Report (3,000 words)	100%
If a student is permitted a retake of the module under the Academic Regulations, the assessment will be that indicated by the Module Specification at the time that retake commences.	

#### Part 4: Unistats Information

##### Unistats Information

The Office for Students (OfS) require Unistats information to be produced at programme level for all undergraduate programmes of more than one year in length. These are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.

Expected learning hours for the module:

Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours
300	24	276	0


Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:

Total assessment of the module	Percentage
Written Examination (Written Examination / Written Test)	0%
Coursework (Report)	70%
Practical Examination (Oral Assessment)	30%
Total	100%



## Module Amendment Log


<b>Module Title:</b>	Applied Research Practice
<b>Module Code:</b>	HANV9C-30-7
<b>Initial Approval Date:</b>	01 September 2017


### Approved Module Changes (most recent at the top):

<b>Current version number:</b> 2.0	
<b>Outline Change Details:</b> <ol style="list-style-type: none"> <li>1. Document amended to meet requirements of new 2022 template.</li> <li>2. Research report amended to Project Report, reduced length to 3500 words. Poster Presentation and Defence altered to Poster Defence, increased duration to 20 minutes.</li> <li>3. Scheduled hours reduced from 36 to 24</li> </ol>	
<b>Material Alteration:</b> No	
<b>Rationale:</b> <ol style="list-style-type: none"> <li>1. Module aligned to Hartpury academic curriculum framework.</li> <li>2. As above</li> <li>3. Better alignment with existing research-based modules on MRes Animal Science.</li> </ol>	
<b>Module description for Course Marketing Purposes:</b> Gain experience of exploring literature, understanding and utilising research methodologies, and data analysis aligned to your specific area of interest. This process will lead to the design, completion and write up of a preliminary research project where dissemination of research outputs will also be covered to develop scientific communications skills.	
<b>Change requested by:</b> B Brilot  <div style="padding-left: 40px;">             I can confirm that all programme managers have been consulted and support this change              I can confirm that student representatives have been consulted about this change              I have retained evidence of this consultation which has been placed in the Module File           </div> <div style="text-align: center; margin-top: 10px;">  </div>	
<b>Signature:</b>	<b>Date:</b> 01/12/21
<b>Name of Head of Department:</b> Wanda McCormick  <div style="padding-left: 20px;"> <ul style="list-style-type: none"> <li>I confirm that this change does not require additional resources beyond the scope of those already present or planned for by the department, and have not included a completed Resource Impact and Authorisation Form</li> <li>I can confirm that this change does require a change to the HECOS code</li> </ul> </div>	
<b>Signature:</b> W McCormick	<b>Date:</b> 24/01/2022
<b>Approval Committee and Date:</b>	Refresh Approval Panel action 2022 03 21
<b>Change approved with effect from:</b>	01 September 2022
<b>Resulting new HECOS code:</b>	100523 Animal Science
<b>Resulting new version number:</b>	3.0

<b>Current version number:</b> 1.2	
<b>Outline Change Details:</b> Unistats information- Scheduled hours changed from 48 to 36 hours Independent study hours changed from 252 to 264 hours Parts 2 and 3 updated in line with current module template.	
<b>Material Alteration:</b> No	
<b>Rationale:</b> The module is not sustainable for staff and students at 48 hours for a 30 credit project module so I have suggested we remove 12 hours of taught content.	

<b>Change requested by: Jenni Douglas</b>	
	
<b>Signature:</b>	<b>Date:</b> 10 <sup>th</sup> December 2020
<b>Name of Head of Department: Wanda McCormick</b>	
I confirm that this change does not require additional resources beyond the scope of those already present or planned for by the department	
	
<b>Signature:</b>	<b>Date:</b> 04/01/2021
<b>Approval Committee and Date:</b>	CVC 2021 02 22
<b>Change approved with effect from:</b>	01 September 2021
<b>Resulting new version number:</b>	2.0

<b>Current version number:</b> 1.1	
<b>Outline Change Details:</b> Adopting new naming system for programmes	
<b>Material Alteration:</b> No	
<b>Rationale:</b> To reflect the Hartpury Academic Regulations	
<b>Change requested by:</b> Academic Registrar	
	
<b>Signature:</b>	<b>Date:</b> 01 August 2018
<b>Approval Committee and Date:</b>	Curriculum Validation Committee 2018 08 31
<b>Change approved with effect from:</b>	01 September 2018
<b>Resulting new version number:</b>	1.2

<b>Current version number:</b> 1.0	
<b>Outline Change Details:</b> Swap the assessments so the Research Report is Component B, and the Poster Presentation Component A.	
<b>Material Alteration:</b> No	
<b>Rationale:</b> More of the learning outcomes refer to Component B (currently the Poster presentation) than Component A (the Research report), which suggests it is the larger assessment on the module (4000 word research report). Additionally, learning outcome 6 lends itself to assessing a short oral presentation, rather than a lengthy report.	
<b>Change requested by:</b> Dr Catherine Shine	
	
<b>Signature:</b>	<b>Date:</b>
<b>Approval Committee and Date:</b>	
<b>Change approved with effect from:</b>	01 September 2018
<b>Resulting new version number:</b>	1.1

<b>Initial HECOS code:</b>	100962 Research Skills
<b>Initial module description for Course Marketing Purposes:</b>	
Explore literature, advanced research methodologies and data analysis aligned to your area of specific interest, leading to the design, completion and write up of a preliminary research project. Dissemination of research outputs will also be covered to develop your scientific communication skills.	