MODULE SPECIFICATION

Part 1: Information			
Module Title	Research In Practice		
Module Code	USSKM6-60-M	Level	M
For implementation from	September 2019		
UWE Credit Rating	60	ECTS Credit Rating	30
Faculty	Health and Applied Sciences	Field	Applied Sciences
Department	Department of Applied Sciences		
Contributes towards	MSci Biological Sciences; MSci Environmental Science; MSci Wildlife, Ecology and Conservation Science; MSci Forensic Science; MSci Biomedical Science		
Module type:	Project		
Pre-requisites	USSJUQ-30-3 Forensic Project OR USSK5K-30-3 Research Experimental Project; OR USSKBC-30-3 Research Dissertation Project		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
This is a project module and as such has no specific syllabus but aims to use an enquiry-based research project to develop and demonstrate advanced skills in contemporary scientific research, alongside those of leadership and management in this context. The student will negotiate the project topic in an area of interest, which is cogent with the student's studies and aligned to available stakeholder expertise. Students will carry out their research in partnership with two or more relevant stakeholders, which may include academics, those in professional practice and external partners. Students will undertake a robust data-driven enquiry, which may be laboratory, field or desk- based. Active engagement by students in their research community will support their personal development.

Generic Graduate Skill	*Specific strand (eg presentation) - Optional*	Introduced	Practiced	Evidenced
1. Communication	Developed in the proposal, report, & presentation, underpinned by tutorial in induction and feedback between each.	☒	☒	☒
2. Professionalism	Behavioural contract to be negotiated and developed in induction week to set expectation. Students will be held to this behaviour.	☒	☒	☒
3. Critical Thinking	Induction week tutorial then implemented in proposal, report, & presentation, with feedback on each	☒	☒	☒
4. Digital Fluency	Underpins the module (lit searching data analysis)	☒	☒	☒
5. Innovative and Enterprising	Requirement of project, to be developed as the project progresses based on new and emerging data. Bespoke project areas are negotiated with staff.	☒	☒	☒
6. Forward Looking	Reflections on future project direction and SWOT analysis develop skills in looking forward	☒	☒	☒
7. Emotional Intelligence	Developed through handling unknown unknowns in project work and developing a place within the MSci research community	☒	☒	☒
8. Globally Engaged	Project set in context of national and international literature / science communities	☒	☒	☒

Part 3: Assessment: Strategy and Details

- The assessment strategy is based around the research process and has been designed to develop and assess key skills fundamental to contemporary scientific research, including assessment and development of the cognitive and behavioural skills necessary to undertake robust data-driven enquiry in a complex environment. It incorporates the learning outcomes for the Institute of Leadership and Management level 7 award 'Developing Leadership and Management Capability through enquiry.'

- The Project Report or Paper (element 1), will be presented in an appropriate format eg. a contemporary research article in a peer-reviewed journal or a Consultancy Report, as appropriate to the registered Programme. It will critically evaluate the impact of the project outcomes on identified stakeholders, including the organisation; and how the project has raised awareness of global and strategic issues in this context.

- The Oral Presentation of Research (element 2) will form part of an organised "conference day", in which students present their findings to their peers, to assembled academic staff and external stakeholders, as appropriate.

- Formative assessment opportunities are present throughout this program, including tutorials, opportunities for observed practice and drop in sessions. Formative feedback will be given on the research proposal (including project hypothesis & rationale, a review of the literature and proposed methodologies, time and resource management, ethical scrutiny, research governance and health & safety) submitted as a gateway to starting project work & prior to inclusion in the final report. A formative feedback opportunity is also available on the final report or paper (without the discussion section) prior to submission.

- Plagiarism is designed out by the bespoke nature of the project and in the oral presentation element. Each project will be negotiated with the relevant stakeholders prior to commencement. It is also anticipated that students will input into the project direction as the methods are attempted and the data are generated, collected and analysed.

Identify final timetabled piece of assessment (component and element)	Component A2	
% weighting between components A and B (Standard modules only)	**A:**	**B**:

First Sit	
Component A (controlled conditions) **Description of each element**	**Element weighting** **(as % of component)**
1. Project Report or Paper (10,000 words max)	70
2. Oral presentation of research (10 min, plus up to 20 min Q&A)	30
Component B **Description of each element**	**Element weighting** **(as % of component)**
Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) **Description of each element**	**Element weighting** **(as % of component)**

1. Project report (maximum 10, 000 words)	70
2. Oral presentation of research (10 min, plus up to 20 min Q&A)	30
Component B **Description of each element**	**Element weighting** **(as % of component)**

Part 4: Learning Outcomes & KIS Data

Learning Outcomes

On successful completion of this module students will be able to:

Be able to justify an enquiry based approach as a means of developing leadership and management capability:-

- Demonstrate self-direction and originality in the planning (A1), execution and presentation (A1, A2) of an independent research project, negotiated with stakeholders, that adds value through active participation in a learning community (A1, A2)
- Evaluate the extent to which the impact of this project has, through action, has added value to self and organisation; and raised awareness of global and strategic issues (of management and leadership) in the project area (A1).

Design and undertake an enquiry based approach to learning and development and be able to

- Demonstrate a comprehensive and in-depth understanding of the research process, including research ethics (A1), to propose a valid data driven enquiry, using a robust methodological approach, within a realistic timeframe and budget (A1).
- Demonstrate an ability to interpret and critically evaluate the quality of evidence, to deal with complex issues systematically and creatively, and to make sound judgements in the absence of complete data, in a learner specific context (A1).

Be able to evaluate and deliver the outcome of enquiry based learning by being able to:-

- Demonstrate an ability to apply relevant advanced analytical skills to data and other sources of information (A1, A2)
- Critically discuss the significance and contribution of the research to the published literature and the impact of the findings on relevant stakeholders, using the appropriate format (A1).
- Demonstrate an ability to communicate science to peers and stakeholders (A2).

Key Information Sets Information (KIS)

Key Information Set - Module data

Number of credits for this module	60

Contact Hours

Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
600	12	588	0	600

Total Assessment

The table below indicates as a percentage the total assessment of the module which constitutes a;

***Written Exam**: Unseen or open book written exam*
***Coursework**: Written assignment or essay, report, dissertation, portfolio, project or in class test*
***Practical Exam**: Oral Assessment and/or presentation, practical skills assessment, practical exam (i.e. an exam determining mastery of a technique)*

Coursework assessment percentage	100%
Practical exam assessment percentage	0%
	100%

Reading List

The individual nature of the projects means that the only common material cover aspects such as the research process, scientific writing, and statistical analysis of data.

Whilst you will be give guidance in each element of the project, the following are useful videos, self-help tutorials and reference texts to provide additional help and advice on each of the specific aspects of the project, including design, write up, presentation, communication and project management.

A Reading List is available:

https://rl.talis.com/3/uwe/lists/DA321741-FC03-2291-A442-112186A5F42C.html?lang=en-GB&login=1

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