



MODULE SPECIFICATION

Part 1: Information			
Module Title	Research with Impact		
Module Code	USSKM5-30-M	Level	M
For implementation from	September 2019		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Health and Applied Sciences	Field	Applied Sciences
Department	Applied Sciences		
Contributes towards	MSci Biological Sciences; MSci Environmental Science; MSci Wildlife, Ecology and Conservation Science; Msci Biomedical Science		
Module type:	Standard		
Pre-requisites	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
<p>The principal themes within the module are those of research impact, research governance and science communication.</p> <ul style="list-style-type: none"> Scheduled learning is by a structured programme of lectures and tutorial sessions. Lectures are designed to deliver specialist subject knowledge along with an overview of the topic and relevant context. Tutorial sessions will engage students in discussion and debate around the lecture material allowing students to construct arguments, recognise and respect the views of others, develop negotiating skills and appreciate the validity of differing points of view. Writing and presentation skills will be developed in facilitated tutorial sessions through tutor and peer feedback. <p>Scheduled learning includes lectures and tutorials.</p> <p>Independent learning includes hours engaged with essential reading and assignment preparation.</p> <p>Indicative content is listed below:</p> <ul style="list-style-type: none"> Research impact: students will develop an understanding of 'research impact' in the context of the Research Councils UK (RCUK) definition; 'the demonstrable contribution that excellent research makes

to society and the economy'.


- **Research governance:** students will develop a detailed understanding of the importance of the research governance process incorporating consideration of the ethics of scientific research, research integrity, and evaluating the risks associated to workers and the wider community of undertaking scientific research.
- **The scientific literature:** students coming through 3 years of a BSc (Hons) Programme will have substantial experience of literature searching. This aspect of the syllabus will focus on developing an awareness of the integrity and quality of sources of information and on evaluating the quality and using the literature to engage in intellectual argument. Students will gain experience of the use of relevant reference management software, and appropriate strategies for literature searching, including systematic review.
- **Science communication:** students will develop an understanding of the importance of effective science communication in achieving research impact and develop skills in and an appreciation of the value of communicating their research effectively to both specialists in their field and to a wider audience.
- **Public engagement:** students will develop an understanding of the importance of engaging the public in the context of communicating science, addressing misconceptions and inspiring future scientists.

Generic Graduate Skill	Specific strand (eg presentation) - Optional	Introduced	Developed	Evidenced
1. Communication	Presentation and graphical abstract [A1, B2]; Public engagement [B1]	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. Professionalism	Reflective practice	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Critical Thinking	Literature review [A1, B2] and Blog [B1]	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Digital Fluency	Scientific Blog [B2]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Innovative and Enterprising	(optional) A1, B1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Forward Looking	(optional) A1, B1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Emotional Intelligence	Via class discussion, debate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Globally Engaged	(optional) A1, B1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part 3: Assessment: Strategy and Details

- Component A will consist of an oral presentation under controlled conditions, on a topical or controversial topic in the student's field of interest.
 - Component A is an evaluation of the impact of recent scientific developments in the student's field of choice, in terms of their social, economic and ethical impact.
- Component B will comprise two elements; a scientific blog and a graphical abstract or infographic to accompany their oral presentation.
 - The scientific blog will assess the student's ability to write for a wider audience, as well as their ability to respond to diverse and potentially challenging arguments in a reasoned and authoritative manner.
 - The graphical abstract or infographic will develop the student's ability to communicate effectively to scientists within and outside their field.
- It is expected that students will develop their presentation, abstract and **bB**log posts at least partly during the scheduled learning sessions, enabling formative feedback from tutor and/or peers.
- Individual topics limit opportunities for plagiarism.

Identify final timetabled piece of assessment (component and element)	B1
% weighting between components A and B (Standard modules only)	A: 40
	B: 60
First Sit	
Component A (controlled conditions) Description of each element	Element weighting (as % of component)
1. Oral presentation (20 minutes) with questions (10 minutes)	100
Component B	
Description of each element	Element weighting (as % of component)
1. Scientific blog.	70
2. Graphical abstract or infographic.	30
Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) Description of each element	Element weighting (as % of component)
1. Oral presentation (20 minutes) with questions (10 minutes).	100
Component B	
Description of each element	Element weighting (as % of component)
1. Scientific blog.	70
2. Graphical abstract or infographic.	30
If a student is permitted an EXCEPTIONAL RETAKE of the module the assessment will be that indicated by the Module Description at the time that retake commences.	
Part 4: Learning Outcomes & KIS Data	
Learning Outcomes	On successful completion of this module students will be able to: <ul style="list-style-type: none"> • Demonstrate an in-depth understanding of the importance of academic and research integrity (B1). • Construct reasoned arguments to support their position on the ethical and social and economic impact of advances in their field of interest (B1). • Analyse, synthesise and summarise information critically from a variety of sources (A1, B1, B2). • Communicate about their subject appropriately to a variety of audiences using a range of formats and approaches and employing appropriate scientific language (A1, B1, B2). • Use the internet and other electronic sources critically as a means of communication and a source of information (B1).
Key Information Sets Information (KIS)	

	Key Information Set - Module data				
	<i>Number of credits for this module</i>				
					30
Contact Hours	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
	300	72	228	0	300
					
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)				
	Total assessment of the module:				
	Written exam assessment percentage				0%
	Coursework assessment percentage				60%
	Practical exam assessment percentage				40%
					100%
Reading List	https://rl.talis.com/3/uwe/lists/CE0D83B0-C539-2211-681D-9D65DDB1C5EE.html?lang=en-GB&login=1				

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Revision ASQC Approval Date Update this row each time a change goes to CAP	26/06/2019	Version	1	RIA 13022