



MODULE SPECIFICATION

Part 1: Information			
Module Title	Science Communication Project		
Module Code	USSJPR-60-M	Level	M
For implementation from	September 2018		
UWE Credit Rating	60	ECTS Credit Rating	30
Faculty	Health and Applied Sciences	Field	Applied Sciences
Department	Applied Sciences		
Contributes towards	MSc Science Communication		
Module type:	Project		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>The module includes three days of compulsory training on research methods that provides the basis from which students will develop individual projects. The research methods portion of the module encompasses four key threads:</p> <ul style="list-style-type: none"> • The research process and ethical considerations. • Qualitative and quantitative research methodologies: such as survey research (including questionnaire design and administration), interviewing, observational research, content analysis. • Research and evaluation strategies: aims and objectives, design, sampling methods and data analysis. • Project planning and proposal writing. <p>It is anticipated that students will develop a project in one of the following areas:</p> <p><i>Empirical research</i> An issue appropriate for a small scale science communication empirical research project will be identified by the candidate and agreed with the supervisor. The research should involve field or desk methods, including for example, meta-analysis, design of a survey or media content analysis as appropriate. Data analysis, interpretation and evaluation should be appropriate to the research methodology chosen, including statistical analysis if appropriate.</p> <p><i>Professional Practice</i> The project should focus on creating a scientific or science communication intervention or part of an intervention designed to meet a specific professional practice requirement; this may include creative treatment or development</p>

of an installation or design of evaluation and consultancy projects. The research must clearly demonstrate the theoretical basis of the planning. In this category, presentation may include audio/visual and/or exhibition material or other resources such as a computer programme, manual or learning package. The project should include a method of evaluating the programme once implemented, at an appropriate level to that which has been produced.						
Part 3: Assessment: Strategy and Details						
Strategy:						
The assessments are designed to test the module learning outcomes while using two of the summative assessments to provide formative opportunities for students to build their understanding and capabilities within their chosen research topic. Students have the option to submit their project as a research journal article and the word limit has been selected to reflect standard research article length within the field.						
The Assessment:						
The assessment comprises three elements: a research proposal (A1: 2,000 words), a fifteen-minute seminar presentation based on the project and a fifteen minute defence (A2) and final project report (A3; up to 10,000 words).						
Identify final timetabled piece of assessment (component and element)		Component A3				
% weighting between components A and B (Standard modules only)		<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">A:</td> <td style="text-align: center;">B:</td> </tr> <tr> <td style="text-align: center;">100%</td> <td style="text-align: center;">N/A</td> </tr> </table>	A:	B:	100%	N/A
A:	B:					
100%	N/A					
First Sit						
Component A (controlled conditions) Description of each element		Element weighting (as % of component)				
1. 2000 word Project Proposal		20%				
2. 15 Minute Seminar Presentation and 15 Minute Defence		20%				
3. up to 10,000 word Project Report		60%				
Component B Description of each element		N/A				
Resit (further attendance at taught classes is not required)						
Component A (controlled conditions) Description of each element		Element weighting (as % of component)				
1. 2000 word Project Proposal		20%				
2. 15 Minute Seminar Presentation and 15 Minute Defence		20%				
3. up to 10,000 word Project Report		60%				
Component B Description of each element		N/A				
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"> • appraise and integrate current scientific or science communication theory, policy or professional practice in an analytical, critical way and at an advanced level (A1, A3); 					

	<ul style="list-style-type: none"> justify use of appropriate practical, research and/or evaluation strategies (A1, A2, A3); design reliable and valid methods for generating project interventions or gathering data and information in relation to their research project (A2, A3); analyse data and information objectively and relate these to existing knowledge structures, contemporary practice and/or theoretical perspectives (A2, A3); reflect critically and objectively on methods, processes and outcomes related to their project (A3); develop proposals or recommendations for new areas of investigation, new problems, creative strategies or methodologies that would build on their project (A3). 																														
Key Information Sets Information (KIS)	<p>The compulsory research methodology section of the module will be taught across three days of lectures, workshops and small group discussion. In addition electronic resources will be provided via blackboard to present supplementary support for students during the period of independent study.</p>																														
Contact Hours	<p>The research project itself provides an opportunity for students to demonstrate their independent research, creative and planning skills. Students learn by active application of their knowledge to the research, evaluation or creative task and by extending their knowledge as appropriate to complete the research objectives.</p> <p>Students will be supported through the all stages of their project by suitable academic and academic-related staff, as well as during three days of scheduled teaching. Supervisors support student learning, offering guidance where requested or appropriate. Students are expected to keep their supervisors informed about the progress of the research and to discuss results regularly. Contact time is likely to be variable depending on the style of project and needs of each student. Agreements between academic supervisors and students will be made on a one-to-one basis concerning the best format and frequency of non-scheduled interactions and an indication of expected supervision time will be set out in the module guide. Students are expected to drive the project, with the supervisor providing guidance and direction only where necessary to maintain progress.</p>																														
Total Assessment	<table border="1" data-bbox="544 1328 1433 1680"> <thead> <tr> <th>Hours to be allocated</th> <th>Scheduled learning and teaching study hours</th> <th>Independent study hours</th> <th>Placement study hours</th> <th>Allocated Hours</th> <th></th> </tr> </thead> <tbody> <tr> <td>600</td> <td>21</td> <td>579</td> <td>0</td> <td>600</td> <td>✓</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>The table below indicates as a percentage the total assessment of the module which constitutes a;</p> <p>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)</p>	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours		600	21	579	0	600	✓																		
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	Total assessment of the module:			
	Written exam assessment percentage		0%	
	Coursework assessment percentage		100%	
	Practical exam assessment percentage		0%	
			100%	
Reading List	<p>All students will be encouraged to make full use of the print and electronic resources available to them through membership of the University. These include a range of electronic journals and a wide variety of resources available through web sites and information gateways. The University Library's web pages provide access to subject relevant resources and services, and to the library catalogue. Many resources can be accessed remotely. Students will be presented with opportunities within the curriculum to develop their information retrieval and evaluation skills in order to identify such resources effectively.</p> <p>This guidance will be available either in the module handbook, via the module information on Blackboard or through the electronic reading list which is available here: https://uwe.rl.talis.com/modules/ussjpr-60-m.html</p>			

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First CAP Approval Date	2008			
Revision ASQC Approval Date <i>Update this row each time a change goes to CAP</i>	30/5/2018	Version	3	RIA 12593