



MODULE SPECIFICATION

Part 1: Information			
Module Title	Extended Research Project		
Module Code	USSJLJ-60-M	Level	Level 7
For implementation from	2021-22		
UWE Credit Rating	60	ECTS Credit Rating	30
Faculty	Faculty of Health & Applied Sciences	Field	Applied Sciences
Department	HAS Dept of Applied Sciences		
Module Type:	Project		
Pre-requisites	None		
Excluded Combinations	None		
Co-requisites	None		
Module Entry Requirements	None		
PSRB Requirements	None		

Part 2: Description
<p>Overview: The extended project module offers a practical-based research project to develop and demonstrate advanced skills in Health Technology research. Based on the ethos of the MSc the project module will integrate the expertise across the fields of Bioscience, AI and Robotics.</p> <p>The projects will be designed in a cross-disciplinary manner, where a combined approach to lead novel research projects that show how AI and digital technology will address current challenges in the diagnosis and monitoring of chronic diseases or to promote health and wellbeing (such as wearable technologies).</p> <p>Educational Aims: The aim of the extended research project is to integrate existing expertise, and through collaboration, develop innovative approaches to address key research questions in the Health Technology arena, using a multi-disciplinary approach.</p> <p>Outline Syllabus: Literature review Quantitative and qualitative analysis Formative Portfolio</p>

STUDENT AND ACADEMIC SERVICES

Teaching and Learning Methods: Here, students will benefit from the supervision of at least two academics, cross Faculty. The project design will offer an "umbrella" project that will address several key challenges associated with the diagnosis, monitoring or treatment of a chronic disease. Here, students are part of a group-based project but develop their independent critical thinking through research-focused tasks. This approach brings together a practical-based research project to develop and demonstrate advanced skills in Health Technology. As these projects are designed from a team/collaborative perspective, students will benefit from peer-peer learning, which will be enhanced by working with students from different disciplines.

Part 3: Assessment

The assessment has a project report and viva voce, together with several strands of formative assessment.

- Formative assessment opportunities are present throughout the project, through meetings with the project supervisors.
 - Formative feedback will also be given on the research proposal submitted as a gateway to starting project work & prior to inclusion in the final report. This proposal is a series of documents detailing the project hypothesis & rationale, research strategy, a review of the literature and proposed methodologies, time and resource management and research governance. This is a formative piece of assessment.
 - The project report (5000 words), will be presented as a contemporary research article in a peer-reviewed journal, to encourage and facilitate subsequent publication.
- The student will be subsequently examined in a viva voce (30 minutes).
- Plagiarism is designed out by the bespoke nature of the project.

First Sit Components	Final Assessment	Element weighting	Description
Project - Component A	✓	100 %	The project report (5000 words) and viva voce examination (30 minutes).
Resit Components	Final Assessment	Element weighting	Description
Project - Component A	✓	100 %	The project report (5000 words) and viva voce examination (30 minutes)

Part 4: Teaching and Learning Methods

On successful completion of this module students will achieve the following learning outcomes:

Module Learning Outcomes	Reference
Apply good practice with respect to Research Governance and Quality, method validation and safe working practices (Component A)	MO1
Critically evaluate and interpret data informed by the research question. (Component A)	MO2
Synthesise key research questions through the use of open databases, including, where appropriate, frequency of occurrence of evidential materials to enable critical evaluation. (Components A)	MO3
Write robust, balanced, impartial, logical and transparent reports (Component A)	MO4
Effectively work independently and in a team environment. (Component A)	MO5
Articulate and defend key data generated from novel research through presentation/oral communication. (Component A)	MO6

STUDENT AND ACADEMIC SERVICES

Contact Hours	Independent Study Hours:	
	Independent study/self-guided study	170
	Total Independent Study Hours:	170
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	430
	Total Scheduled Learning and Teaching Hours:	430
	Hours to be allocated	600
	Allocated Hours	600
Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://www.sheffield.ac.uk/polopoly_fs/1.825931!/file/Guidance_for_Writing_Lab_Reports.pdf</p>	

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Health Technology [Sep][PT][Frenchay][2yrs] MSc 2020-21