MODULE SPECIFICATION

Part 1: Information			
Module Title	Research Project		
Module Code	USSJ6C-60-M	Level	Level 7
For implementation from	2020-21		
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		

Part 2: Description

Educational Aims: See Learning Outcomes

Outline Syllabus: No specific syllabus for project module – however projects will be assigned in a topic cogent to students intended route of specialism.

Teaching and Learning Methods: The learning is delivered primarily on a one-to-one basis between the supervisor and their assigned student. The module is essentially an independent learning module, but with guidance and support appropriate to the needs of the student throughout. Students will also receive appropriate training in the methods of their project, and relevant research governance by their supervisor, technical staff or other research staff as relevant to the activity.

Contact time will very across the duration of the module – during the project design phase there will be meetings with their supervisors to discuss and plan the project, during the early phase of laboratory work there will be substantial contact between the student and appropriate staff to facilitate the learning of methods etc. Then contact will be likely to reduce as the student becomes familiar with their activities and acquires a degree of independence. During the writing up stage of the project students are likely to need more contact again to support the writing process.

Contact Hours:

Students are expected to undertake approximately 300 hours of of data collection and analysis within this 60 credit module. Supervision of any laboratory time will depend upon the competence demonstrated by the student. Laboratory supervision may be by a member of academic staff, a member of technical staff, or an appropriately experienced Postgraduate Research student (with academic supervisory oversight).

Students will also be supported through the preparatory stages of their project – design and proposal writing and through the writing up phase of their project by suitable academic and academic-related staff.

Thus contact time is likely to be highly variable depending on the abilities and needs of each student – much of the project module is self-guided activity with academic and technical support; supported by modules in first semester. The bulk of the project module is taken during the second and third semesters of the programme.

The project module is supported by two modules undertaken earlier in the course. During USSJYS-15-M (Practical Skills for Biomedical Science) students will have spent time in the laboratory undertaking a range of practical exercise to demonstrate their basic laboratory competency; this module will also have given them an opportunity to practice writing a practical report of a similar structure to the project report. In USSJYT-30-M (Research and Diagnostic Methodologies) students will have looked at the theory that underpins many of the methods used in the projects offered at UWE; this module also includes teaching of a range of statistics methods that will support students in undertaking the statistics on their project data. Additional support for statistics will also be available to students during their data analysis phase. USSJYT-30-M also covers other skills supportive of the project module including presentation skills and academic writing.

Part 3: Assessment

The MSc BMS Programme has a programme level assessment strategy (see Programme Specification appendix 1), and all modules have their assessments designed to relate to that document.

The assessment of this module has been designed to mimic the PhD process, enabling students to gain an experience of researching and reporting their research in the style that those who progress to a PhD will be required to do (albeit with shorter word counts and shorter viva durations).

The mark allocation across the elements reflects the importance of the thesis.

The assessments are marked to the BBAS standard PG marking criteria, and students are full briefed on the assessment both in writing and through a tutorial session. Students also develop several transferable skills during this assessment including negotiation (they work with their supervisor during the design of the project), critiquing of published literature, scientific writing etiquette, and editing documents to a high editorial standard.

First Sit Components	**Final Assessment**	**Element weighting**	**Description**
Report - Component A	✓	90 %	Project report (5000 words) and associated viva voce examination
Report - Component A		10 %	Progression report (1000 words)
Resit Components	**Final Assessment**	**Element weighting**	**Description**
Report - Component A	✓	100 %	5000 word project report and associated viva

Part 4: Teaching and Learning Methods

Learning Outcomes

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

Module Learning Outcomes	Reference
Demonstrate an in-depth understanding of the research process	MO1
Demonstrate the ability to define a hypothesis	MO2
Plan and perform an investigation of a well-defined research problem	MO3
Demonstrate the ability to draw valid conclusions based on experimental observation	MO4
Discuss critically the significance and contribution of their project to existing published work	MO5
Utilise electronic information sources effectively as learning aids	MO6

Contact Hours

Independent Study Hours:	
Independent study/self-guided study	300
Total Independent Study Hours:	300
Scheduled Learning and Teaching Hours:	
Project work (individual or group)	300
Total Scheduled Learning and Teaching Hours:	300
Hours to be allocated	600
Allocated Hours	600

Reading List

The reading list for this module can be accessed via the following link:

https://uwe.rl.talis.com/modules/ussj6c-60-m.html

Part 5: Contributes Towards
This module contributes towards the following programmes of study: Biomedical Science (Medical Microbiology) [Sep][FT][Frenchay][1yr] MSc 2020-21 Biomedical Science [Sep][FT][Frenchay][1yr] MSc 2020-21 Biomedical Science (Medical Microbiology) [Sep][FT][Frenchay][1yr] MSc 2020-21 Biomedical Science (Medical Genetics) [Sep][FT][Frenchay][1yr] MSc 2020-21 Biomedical Science (Immunology) [Sep][FT][Frenchay][1yr] MSc 2020-21 Biomedical Science (Haematology) [Sep][FT][Frenchay][1yr] MSc 2020-21 Biomedical Science (Clinical Biochemistry) [Sep][FT][Frenchay][1yr] MSc 2020-21 Biomedical Science (Cellular Pathology) [Sep][FT][Frenchay][1yr] MSc 2020-21