Module Specification

Research in Practice

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Contents

Part 1: Information

Module title: Research in Practice

Module code: USSKM6-60-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 60

ECTS credit rating: 30

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Applied Sciences

Partner institutions: None

Delivery locations: Frenchay Campus

Field: Applied Sciences

Module type: Module

Pre-requisites: Forensic Project 2023-24, Research Dissertation Project 2023-24, Research Experimental Project 2023-24

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Pre-requisites for MSci Programmes: USSJUQ-30-3 Forensic Project OR USSK5K-30-3 Research Experimental Project; OR USSKBC-30-3 Research Dissertation Project.

Note: there are no pre-requisite requirements for the MSc Sustainable Food Systems Programme.

Educational aims: See Learning Outcomes

Outline syllabus: 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.

Part 3: Teaching and learning methods

Teaching and learning methods: 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, Introduced, Practiced and Evidenced.

Communication
Developed in the proposal, report, and presentation, underpinned by tutorial in induction and feedback between each.

Professionalism
Behavioural contract to be negotiated and developed in induction week to set expectation. Students will be held to this behaviour.

Critical Thinking
Induction week tutorial then implemented in proposal, report, and presentation, with feedback on each Digital Fluency

Digital Fluency
Underpins the module (lit searching data analysis)

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

Forward Looking
Reflections on future project direction and SWOT analysis develop skills in looking forward

Emotional Intelligence
Developed through handling unknown unknowns in project work and developing a place within the MSci research community

Globally Engaged
Project set in context of national and international literature / science communities

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

MO1 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, execution and presentation of an independent research project, negotiated with stakeholders, that adds value through active participation in a learning community

MO2 Be able to justify an enquiry based approach as a means of developing leadership and management capability: 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.

MO3 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, to propose a valid data driven enquiry, using a robust methodological approach, within a realistic timeframe and budget

MO4 Design and undertake an enquiry based approach to learning and development and be able to: 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.

MO5 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.

MO6 Be able to evaluate and deliver the outcome of enquiry based learning by being able to: 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

MO7 Be able to evaluate and deliver the outcome of enquiry based learning by being able to: Demonstrate an ability to communicate science to peers and stakeholders

Hours to be allocated: 600

Contact hours:

Independent study/self-guided study = 588 hours

Face-to-face learning = 12 hours

Total = 600

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://rl.talis.com/3/uwe/lists/A7723A5B-05DD-34B9-562C-6D7AA2F81720.html?lang=en&login=1

Part 4: Assessment

Assessment strategy: 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.

Assessment 1 is a Project Report or Paper, which 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.

Assessment 2 is an oral presentation of the research will form part of an organised "conference day", in which students present their findings to e.g. their peers; academic staff; external stakeholders.

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 and rationale, a review of the literature and proposed methodologies, time and resource management, ethical scrutiny, research governance and health and safety). 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 assessment. 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.

Assessment components:

Report (First Sit)

Description: Project Report or Paper (10,000 words max)
Weighting: 70 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Presentation (First Sit)
Description: Oral presentation of research (10 min, plus up to 20 min Q&A)
Weighting: 30 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO5, MO7

Report (Resit)
Description: Project Report or Paper (10,000 words max)
Weighting: 70 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Presentation (Resit)
Description: Oral presentation of research (10 min, plus up to 20 min Q&A)
Weighting: 30 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO5, MO7

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Sustainable Food Systems [Frenchay] MSc 2023-24

Biomedical Science [Sep][FT][Frenchay][4yrs] MSci 2020-21

Forensic Science [Sep][FT][Frenchay][4yrs] MSci 2020-21

Wildlife Ecology and Conservation Science [Sep][FT][Frenchay][4yrs] MSci 2020-21

Environmental Science [Sep][FT][Frenchay][4yrs] MSci 2020-21

Biological Sciences [Sep][FT][Frenchay][4yrs] MSci 2020-21

Wildlife Ecology and Conservation Science {Foundation} [Sep][FT][Frenchay][5yrs] MSci 2019-20

Biological Sciences [Sep][SW][Frenchay][5yrs] MSci 2019-20

Biological Sciences {Foundation} [Sep][FT][Frenchay][5yrs] MSci 2019-20

Biomedical Science [Sep][SW][Frenchay][5yrs] MSci 2019-20

Wildlife Ecology and Conservation Science [Sep][SW][Frenchay][5yrs] MSci 2019-20

Biomedical Science {Foundation} [Sep][FT][Frenchay][5yrs] MSci 2019-20

Forensic Science [Sep][SW][Frenchay][5yrs] MSci 2019-20

Forensic Science {Foundation} [Sep][FT][Frenchay][5yrs] MSci 2019-20

Environmental Science {Foundation} [Sep][FT][Frenchay][5yrs] MSci 2019-20

Environmental Science [Sep][SW][Frenchay][5yrs] MSci 2019-20

Wildlife Ecology and Conservation Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2018-19

Biomedical Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2018-19

Environmental Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2018-19

Biological Sciences {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2018-19

Forensic Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2018-19