



Module Specification

Healthcare Science Project

Version: 2023-24, v2.0, 12 Jun 2023

Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	3
Part 4: Assessment.....	5
Part 5: Contributes towards	7

Part 1: Information

Module title: Healthcare Science Project

Module code: USSJSJ-30-3

Level: Level 6

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Applied Sciences

Partner institutions: None

Field: Applied Sciences

Module type: Module

Pre-requisites: Scientific Practice 2023-24

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Pre-requisites: students must take one out of USSJT9-30-2 Scientific Practice or USSKAR-30-2 Practice and Communication of Science.

This module is a final year project dissertation which is completed whilst students are within practice education in the workplace in Year 3. This module combines practice education with independent learning.

A project title and idea will be conceived by the STUDENT and PRACTICE EDUCATION SUPERVISOR and agreed by the UWE INTERNAL SUPERVISOR.

Features: Not applicable

Educational aims: See Learning Outcomes

Outline syllabus: The project can address a number of subject areas relevant to the practice education laboratory or department, such as:

Development and evaluation of a new method or technique.

Investigation to improve a method or technique.

Evaluation of a new quality assurance method.

An (retrospective or prospective) audit within the department of techniques or services.

A critical analysis of evidence supporting an approach or procedure.

Part 3: Teaching and learning methods

Teaching and learning methods: Students will discuss their projects at the end of their Year 2 practice education period and submit an outline to their UWE supervisor. Once the project formally starts the students will submit a progress report, and then work towards a final dissertation (written report) and a poster presentation for which there will be an oral defence.

It is anticipated that students spend 168 hours on the project, supervised day-to-day by their practice education supervisors. An additional 8 hours will be provided directly by UWE teaching, with 132 independent study hours.

Meetings with UWE supervisors and the project module leader will take place before the start of the project, to ensure students are familiar with academic skills required,

and understand the requirements for the module. Within the practice education period, academic supervision will be via email and via synchronous sessions as, and when, required. UWE supervisors can visit students at this time if required. Students will receive formative feedback on ONE draft of any assessment (progression report, dissertation chapters and poster) to ensure fairness. Holistic support for all projects will take place through Blackboard, for example to address search strategies, referencing and citation, and statistical support. At this level, self-directed working is very much encouraged, with supervisory support as and when required. Students will be expected to manage their own time to achieve the project goals, and take the initiative for requesting academic support.

Learning and teaching via email, practice education site visits and online resources will support students in gaining research skills to complete the project. The student will complete three assessments: progression report, dissertation report and poster. These are in formats outlined in the module handbook, on topics agreed by the practice education supervisor. The practice education teams will ensure the students have the necessary technical knowledge for the work. The student will be expected to work conscientiously and with due consideration of safety and ethical issues, and the UWE team will coordinate with the practice education team to ensure the project meets ethical standards (adhering to UWE Faculty Ethical Committee requirements). The student will have access to library and statistical expertise to ensure the work is of the appropriate quality and standard. There will be face-to-face sessions (the semester before) alongside ad hoc support tailored to the student needs.

There will be no supervision available for the period from the summer assessment period to the re-sit assessment period (June to August) to enable students to complete placement portfolios and other related work. Assessment criteria against which the assessed elements of the module will be judged will be given to students at the start of the academic session in the module handbook and also available on UWE Virtual Learning Environment Blackboard

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

MO1 Demonstrate knowledge and practice in research processes including desktop research (literature searching and appraisal)

MO2 Time manage a short research project from conception, information gathering, analysis through to dissemination

MO3 Work with multidisciplinary teams (within the hospital and university) to achieve the project goal.

MO4 Apply competencies in data handling and analysis in order to test hypotheses

MO5 Critically evaluate research findings and draw conclusions from findings with implications for their practice areas and future research

MO6 Communicate their research findings orally, visually (poster) and in writing

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 124 hours

Placement = 168 hours

Face-to-face learning = 8 hours

Total = 300

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ussisj-30-3.html) via the following link <https://uwe.rl.talis.com/modules/ussisj-30-3.html>

Part 4: Assessment

Assessment strategy: Assessment 1 is a dissertation; Assessment 2 is a poster and oral defence.

The assessment strategy matches appropriate professional research activities that the student will experience in their scientific career, that is scientific writing, visual and oral presentation.

Students will receive formative feedback on ONE DRAFT of each item of their dissertation and poster. They will receive ongoing feedback from both UWE and placement supervisors.

Assessment tasks:**Report (First Sit)**

Description: Dissertation

Weighting: 75 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Poster (First Sit)

Description: Poster and oral defence

Weighting: 25 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO6

Report (Resit)

Description: Dissertation

Weighting: 75 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Poster (Resit)

Description: Poster and oral defence

Weighting: 25 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Healthcare Science (Nuclear Medicine) {Apprenticeship-UWE}

[Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Healthcare Science (Radiation Physics) {Apprenticeship-UWE}

[Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Healthcare Science (Radiotherapy Physics) {Apprenticeship-UWE}

[Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Healthcare Science (Radiation Engineering) {Apprenticeship-

UWE}[Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Healthcare Science (Rehabilitation Engineering) {Apprenticeship-UWE}

[Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Healthcare Science (Renal Technology) {Apprenticeship-

UWE}[Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Healthcare Science (Medical Engineering) {Apprenticeship-

UWE}[Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22