



## **Module Specification**

### **Professional Practice for Healthcare Science**

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## Part 1: Information

**Module title:** Professional Practice for Healthcare Science

**Module code:** USSJSK-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:** None

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** No

**Professional, statutory or regulatory body requirements:** None

## Part 2: Description

**Overview:** Not applicable

**Features:** Not applicable

**Educational aims:** On successful completion of this module students will be able to demonstrate standards of behaviour and practice that must be achieved and maintained as a Healthcare Science Practitioner in the following domains:

Knowledge and Understanding, Practical Skills and Professionalism (See Learning Outcomes).

**Outline syllabus:** This module is PLACEMENT-BASED. The syllabus is determined by the indicative content of the appropriate (e.g. Life Science or Physiological Science) TRAINING MANUAL, with students undertaking a 15 (year 2) and 25 (year 3) week placement.

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** Students will be completing their project during their final placement. It is anticipated that students spend 1 day per week on their projects, and are supervised day-to-day by their work supervisors. (Projects run for 24 weeks, assuming 3 weeks vacation for Easter = 168 allocated placement hours. An additional 8 hours UWE teaching and 132 independent study hours).

Meetings with UWE supervisors and the project module leader will take place the Nov/December before, to ensure students are familiar with academic skills required, and understand the requirements for the module. Where necessary, UWE supervisors can discuss with placement supervisors to ensure they have a common understanding.

On placement, academic supervision will be remote 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.

Work-based skills are acquired during placement experience based with the appropriate TRAINING MANUAL. The Modernising Scientific Careers (MSC) online assessment tool will be used to organise evidence and record outcomes. Additional

support materials will be provided by UWE via BLACKBOARD and other online systems such as Profile ([www.rags.profile.ac.uk](http://www.rags.profile.ac.uk)).

Assessment will match the model indicated by the MSC team:

1) Direct observation of practical skills (DOPS) – the observation and evaluation of a procedure or technique performed by a student in a live environment. A minimum of 4 in the 15 week placement and 4 in the 25 week placement.

2) Case Base Discussions (CBD) providing teaching and feedback on a clinical or technical area, involving decision making and interpreting of evidence. They will enable discussions in professional and ethical contexts, and encourage reflective approaches. 1 in 15 week placement and 2 in 25 week placement.

3) Mini-clinical examinations (Mini-Cex). Snapshots of practitioner / patient or practitioner / professional interactions. Assess clinical or laboratory skills and behaviours. 1 in 15 week placement and 2 in 25 week placement.

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 placement supervisor. The placement 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 discuss with the placement 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) along side 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 BLACKBOARD.

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

**MO1** Demonstrate advanced knowledge, understanding and confidence in the application of core skills including communication skills, management and quality assurance.

**MO2** Apply advanced scientific and clinical principles from academic modules into practice.

**MO3** Critically review and evaluate healthcare departmental protocols in relation to core skills in health and safety, human rights, patient identification, communication skills, management, quality assurance, and routine tasks in relation to legislation, accreditation, guidelines and quality standards.

**MO4** Perform competently a range of core, point of care and specialised methods and techniques as appropriate to the DEVISION and SPECIALIST ROUTE, and comply with required quality standards.

**MO5** Demonstrate the ability to work with healthcare information systems.

**MO6** Perform and audit of the effectiveness of one or more methods, including the introduction of new methods, and evaluate the outcome in the context of the clinical application.

**MO7** Prepare and make an oral presentation to peers using appropriate software, presenting complex ideas, drawing inferences from data and discussing these with the audience.

**MO8** Provide evidence of direct patient interaction, which may include laboratory medicine testing at the point of care, and interaction with other healthcare professionals.

**MO9** The student will develop professional personal qualities and behaviours.

**MO10** Challenge discriminatory behaviour and language.

**MO11** Adapt communication style to meet the needs of listeners.

**MO12** Respect and uphold the rights, dignity and privacy of patients.

**MO13** Reflect and review own practice and strive to improve personal performance.

**MO14** Consistently operate within the sphere of personal competence and level of authority while managing workload and objectives.

**MO15** Active seeking of accurate and validated information from all sources to assist with judgement and decision making.

**MO16** Contribute and co-operate in multidisciplinary teams.

**Hours to be allocated:** 300

**Contact hours:**

Placement = 1495 hours

Total = 1495

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

## **Part 4: Assessment**

**Assessment strategy:** The assessment strategy matches complies with professional and assessment standards set out by the MSC curriculum. Formative assessment – in the form of feedback on techniques and competencies – will be provided by the PLACEMENT SUPERVISOR.

Formative feedback will be provided by the UWE SUPERVISOR on ONE DRAFT of any coursework.

**Assessment tasks:**

**Practical Skills Assessment** (First Sit)

Description: CW1 CBD / DOPS/ Mini-Cex (Placement portfolio)

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

**Practical Skills Assessment** (First Sit)

Description: CW2 CBD / DOPS/ Mini-Cex (Placement portfolio)

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

**Case Study** (First Sit)

Description: CW3 Case study

Weighting: 33 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

**Case Study** (First Sit)

Description: CW4 Case study

Weighting: 33 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

**Case Study** (First Sit)

Description: CW5 Reflective essay

Weighting: 34 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

**Practical Skills Assessment (Resit)**

Description: CW1 CBD / DOPS/ Mini-Cex (Placement portfolio)

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

**Practical Skills Assessment (Resit)**

Description: CW2 CBD / DOPS/ Mini-Cex (Placement portfolio)

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

**Case Study (Resit)**

Description: CW3 Case study

Weighting: 33 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

**Case Study (Resit)**

Description: CW4 Case study

Weighting: 33 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9



**Case Study (Resit)**

Description: CW5 Reflective essay

Weighting: 34 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO14, MO15, MO16, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

**Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Healthcare Science (Cardiac Physiology) {Apprenticeship-UWE}

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

Healthcare Science (Neurophysiology) {Apprenticeship-UWE}

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

Healthcare Science (Respiratory & Sleep Physiology) {Apprenticeship-UWE}

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