



Module Specification

Professional Practice in Applied Sciences

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Part 1: Information

Module title: Professional Practice in Applied Sciences

Module code: USSK57-15-3

Level: Level 6

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

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: Professional Practice in Applied Sciences 2023-24

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: See Learning Outcomes

Outline syllabus: Students will undertake a suitable work placement to gain a minimum of 150 hours of placement learning. Advice on the suitability of the placement will be provided by the departments Work Based Learning manager and

the UWE placement team. Placements are highly variable in nature and location and range from conservation work in isolated tropical locations to research work in state of the art laboratories. All placements must provide work experience relevant to the students programme and provide appropriate core skills. The student will negotiate a learning agreement with the employer and their allocated placement tutor and maintain a reflective portfolio evidencing their learning throughout the placement in relation to this agreement. They will prepare and give an oral presentation to their tutor and work colleagues or fellow students, either during a placement visit or on return to the University and submit the reflective portfolio for assessment.

Part 3: Teaching and learning methods

Teaching and learning methods: Placement learning: Work-based skills will be learned during training and work experience. Students will negotiate a learning agreement with their employer and placement tutor and are expected to maintain a portfolio throughout the placement. The student will be supported by their placement tutor who through regular contact will ensure that the student is gaining relevant experience. Contact is maintained by email, phone calls and through appropriate technology such as 'Profile' or other system supported by UWE. When possible the student will be visited once during the placement by their placement tutor.

Independent learning The student is expected to seek relevant knowledge from library facilities at their placement or via the UWE library online to support their placement learning.

Contact Hours: Contact time may take several forms as are appropriate to individual placements and will be provided by a combination of the contact with the departments Work Based Learning manager and their placement tutor. Prior to starting the placement this contact will include placement guidance talks and an introduction to the professional practice module and the assessment.

As well as face-to-face discussion, contact will also be also be maintained via phone/email and other technologies available or appropriate to the placement.

Placement tutors are given workload to the equivalent of 10 hours per student for guidance and supervision, arranging and undertaking a placement visit (when practicable), and the assessment of each placement student.

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

MO1 Demonstrate the ability to competently perform specialised methods and techniques as appropriate to the placement setting and comply with required quality standards

MO2 Critically review and evaluate protocols in relation to health and safety, legislation and quality standards as appropriate to the placement

MO3 Apply scientific knowledge from academic modules to practice

MO4 Demonstrate application of core skills, including communication and interpersonal skills as appropriate to the placement setting

MO5 Seek accurate and validated information from relevant sources to assist with judgements and decision making

MO6 Prepare and make an oral presentation to peers using modern software, presenting complex ideas and/or drawing inferences from data and discussing these with the audience

MO7 Reflect on practice to continuously improve personal performance

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 50 hours

Placement = 100 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ussk57-15-3.html) via the following link <https://uwe.rl.talis.com/modules/ussk57-15-3.html>

Part 4: Assessment

Assessment strategy: Assessment 1 is a placement visit and presentation. The oral presentation assesses presentation and interpersonal skills, as well as providing an opportunity to explore and discuss placement learning and give formative feedback. The presentation is likely to be assessed face to face during the placement visit or for overseas placements on return to the UK; however, if appropriate the presentation may be carried out online.

Assessment 2 is a placement portfolio with workplace supervisor sign-off. The report by employer and placement tutor will assess the competence of the student's performance in specialised methods/techniques and core skills within the placement setting. A reflective portfolio will further evidence the student's skills and assess their ability to seek and apply scientific knowledge and reflect on and improve practice.

This is a professional practice module so all elements are assessed as Pass or Fail.

Assessment tasks:

Presentation (First Sit)

Description: Placement visit and presentation

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO3, MO4, MO6

Portfolio (First Sit)

Description: Portfolio and work place supervisor sign-off

Weighting:

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5, MO7

Presentation (Resit)

Description: Placement visit and presentation

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO3, MO4, MO6

Portfolio (Resit)

Description: Portfolio and work place supervisor sign-off

Weighting:

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5, MO7

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Biomedical Science [Sep][SW][Frenchay][4yrs] BSc (Hons) 2021-22

Biomedical Science [Sep][SW][Frenchay][5yrs] MSci 2021-22

Forensic Science [Sep][SW][Frenchay][4yrs] BSc (Hons) 2021-22

Forensic Science [Sep][SW][Frenchay][5yrs] MSci 2021-22

Environmental Science [Sep][SW][Frenchay][4yrs] BSc (Hons) 2021-22

Wildlife Ecology and Conservation Science [Sep][SW][Frenchay][5yrs] MSci 2021-22

Environmental Science [Sep][SW][Frenchay][5yrs] MSci 2021-22

Biological Sciences [Sep][SW][Frenchay][5yrs] MSci 2021-22

Wildlife Ecology and Conservation Science [Sep][SW][Zoo][4yrs] BSc (Hons) 2021-22

Biological Sciences [Sep][SW][Frenchay][4yrs] BSc (Hons) 2021-22

Forensic Science {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2020-21

Biomedical Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2020-21

Wildlife Ecology and Conservation Science {Foundation} [Sep][SW][Zoo][5yrs] BSc (Hons) 2020-21

Forensic Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2020-21

Environmental Science {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2020-21

Environmental Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2020-21

Wildlife Ecology and Conservation Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2020-21

Biological Sciences {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2020-21

Biological Sciences {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2020-21

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

Biomedical Science [Sep][FT][Frenchay][4yrs] MSci 2021-22

Forensic Science [Sep][FT][Frenchay][4yrs] MSci 2021-22

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

Environmental Science [Sep][FT][Frenchay][4yrs] MSci 2021-22

Wildlife Ecology and Conservation Science [Sep][FT][Zoo][3yrs] BSc (Hons) 2021-22

Biomedical Science {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2020-21

Biomedical Science {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2020-21

Biomedical Science {Foundation} [Sep][FT][Frenchay][5yrs] MSci 2020-21

Wildlife Ecology and Conservation Science {Foundation} [Sep][FT][Zoo][4yrs] BSc (Hons) 2020-21

Forensic Science [Sep][SW][Frenchay][5yrs] MSci 2020-21

Forensic Science {Foundation} [Sep][FT][Frenchay][5yrs] MSci 2020-21

Environmental Science [Sep][SW][Frenchay][4yrs] BSc (Hons) 2020-21

Environmental Science {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2020-21

Environmental Science {Foundation} [Sep][FT][Frenchay][5yrs] MSci 2020-21

Biomedical Science [Sep][PT][Frenchay][6yrs] BSc (Hons) 2019-20

Biomedical Science [Sep][PT][Frenchay][8yrs] MSci 2019-20

Forensic Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2019-20

Environmental Science {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2019-20

Wildlife Ecology and Conservation Science {Foundation} [Sep][SW][Zoo][5yrs] BSc (Hons) 2019-20