

## University of the West of Scotland

### Undergraduate Programme Specification

**Session: 2022/23**

Last modified: 11/04/2022 19:09:00

Status: Published

<b>Named Award Title:</b>	<b>BSc (Hons) Occupational Safety and Health (Grad IOSH) <b>Single</b></b>
---------------------------	--

<b>Award Title for Each Award:</b>	<b>BSc (Hons) Occupational Safety and Health (Grad IOSH)</b> <b>BSc Occupational Safety and Health (Grad IOSH)</b> <b>Dip HE Occupational Safety and Health (Tech IOSH)</b> <b>Cert HE Science</b>
------------------------------------	---

<b>Date of Validation:</b>	January 2019
<b>Details of Cohorts Applies to:</b>	All students applying for enter to level 7 from September 2023  Level 10 being delivered at Lanarkshire campus from Sept 2022 (no change to L7, L8 and L9)

<b>Awarding Institution/Body:</b>	University of the West of Scotland
<b>Teaching Institution:</b>	University of the West of Scotland
<b>Language of Instruction &amp; Examination:</b>	English
<b>Award Accredited By:</b>	The Institution of Occupational Safety and Health (IOSH)
<b>Maximum Period of Registration:</b>	
<b>Mode of Study:</b>	Full Time Part Time
<b>Campus:</b>	Lanarkshire

<b>School:</b>	School of Health and Life Sciences
----------------	------------------------------------

<b>Programme Board</b>	Biological Sciences and Health
<b>Programme Leader:</b>	Mr Jan Miller



**Admission Criteria**

Candidates must be able to satisfy the general admission requirements of the University of the West of Scotland as specified in Chapter 2 of the University Regulatory Framework together with the following programme requirements:

**SQA National Qualifications****YEAR 1 ENTRY**

SQA Highers:

Standard Entry Requirements: ABBB (114 UCAS Tariff points) including Biology or Human Biology.

Minimum Entry Requirements: BBBB (108 UCAS Tariff points) including Biology or Human Biology: Applies to Care leavers, Widening Access SIMD20/40

**YEAR 2 ENTRY**

SQA Advanced Highers: BBC including Biology, and Chemistry at least at Standard Grade/Nat 5/Int2 or 136 UCAS Tariff Points

**or GCE****YEAR 1 ENTRY**

A-LEVEL: BCC (104 UCAS Tariff Points) including Biology or Human Biology

**OTHERS:**

Irish Leaving Certificate: H1H2H2H2 (including Biology or Human Biology), International Baccalaureate (IB) Diploma: 24 points (including 3 subjects at H4 including Biology or Human Biology)

**YEAR 2 ENTRY**

GCE A-Levels: BBC (including Biology) or 112 UCAS Tariff Points

International Baccalaureate (IB) Diploma: 30 points (including Biology at HL plus Chemistry at OL) or 136 UCAS Tariff Points

**or SQA National Qualifications/Edexcel Foundation**

Entry to Level 8 will be considered for applicants with HNC in an appropriate Health & Safety based subject.

Entry to Level 9 will be considered for applicants with HND in an appropriate Health & Safety based subject.

Entry to level 10 will be considered for applicants with a BSc in Health and Safety.

Please note: all direct entrants will be referred for interview.

**Other Required Qualifications/Experience**

Other academic, vocational or professional qualifications deemed to be equivalent may be considered for entry.

**Further desirable skills pre-application**

It would be desirable that all direct entrant students to SCQF levels 8, 9 and 10 have skills in the following areas: numeracy, communications including report writing and presentations, and investigation techniques.

## General Overview

The BSc (Hons) programme enables the students to study the main health, safety and environmental topics as they relate to workplace safety and environmental protection. This approach allows students in second year to gain an understanding of all the key topics such as the management of risk, safety technology, health and safety law, health and hygiene and the legislative framework in practice. The emphasis of the third year is on the management of health and safety within a working environment and includes professional skills, case studies and an opportunity to develop a health and safety management system. The honours year will build on level 9 modules in safety, health and environment with the focus on health and environment.

The key academic aims of the programme are to:

1. Develop critical problem based learning skills and transferable skills to prepare the student for employment.
2. Enable the student to engage in lifelong learning, study and inquiry, and to appreciate the value of education to society.
3. Assist the student to develop the skills required for both independent practice and team-working.
4. Develop intellectual powers; their understanding, judgement and problem solving skills; their ability to communicate, see relationships and to perceive the related areas of safety management
5. Stimulate an enquiring, analytical and creative approach to the use of the technology and so encourage independent judgement and critical awareness

The BSc (Hons) in Occupational Safety and Health meets all the criteria required by the Institution of Occupational Safety and Health (IOSH).

Students may progress to the postgraduate / MSc in Waste and Resource Management.

Students will attend lectures and tutorials and extend their studies through group working, role play, presentations, seminars and independent learning with problem solving scenarios using case studies. Class discussion is encouraged and students will present work based topics to peers and supervisors. Candidates will be bound by the general assessment regulations of the University Regulatory Framework. An overview of the assessment details is provided in the student handbook and full details of the assessment criteria for each module is provided in the module descriptor and are identified against specific module learning outcomes. Methods vary across modules and include the following: 1/ Unseen examinations – students are required to answer, in most cases, three questions from five. All the questions are related to specific module learning outcomes. 2/ Class tests – These are used to ensure the students have obtained a broad knowledge of the subject area, in conjunction with course work. 3/ Coursework – All course work given to the students will be based on various workplace scenarios. 4/ Oral presentations – These will take the form of individuals presenting a topic from the module and groups presenting reports etc. 5/ Roleplay – Workbased scenarios are presented in class and the students are given specific roles to play.

For all of the above, students are expected to utilise workbased knowledge to achieve the learning outcomes of the modules. For all modules, a pass will normally be awarded to candidates achieving a mark of 40% or above. This mark will be an aggregate mark from the continuous assessment and/or coursework and/or examination components. In addition, candidates must achieve a minimum of 30% in all assessment components. Additional time is allocated for PDP and support skills. This programme has utilised the extra time in term 1. Support skills will be offered to all students on the programme and are timetabled to be delivered at the beginning of the term. All modules in this programme have their own sites on our VLE site, and students are encouraged to use the sites to keep up to date with the programme, the course and for discussions. This is especially important for students who fail to attend classes for any reason.

### Graduate Attributes, Employability & Personal Development Planning

The programme has a strong practical base. The involvement of representatives from public and private sector agencies and companies ensures that students receive current information in health and safety management. Students will gain a wide range of skills and abilities in health, safety and environmental situations, systems planning and recommending appropriate solutions to problems. Written and oral communications are required throughout the programme. Personal development planning is contained throughout the modules as actual industrial and business examples are referred to in all modules and guest speakers are involved to allow students to explore current industry and government needs.

Undertaking this programme will help to develop a range of 'I am UWS' Graduate Attributes.

**U**niversal – development of critical thinking, ethically and research minded.

**W**ork Ready – an effective problem solver, communicator and ambitious.

**S**uccessful – by being autonomous, resilient and driven.

### Work Based Learning/Placement Details

N/A

### Engagement and Attendance

Students are academically engaged if they are regularly engaged with timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time. Please refer to the Academic Engagement and Attendance Procedure at the following link: [Academic Engagement and Attendance Procedure](#)

For the purposes of this programme, this equates to the following:

Students are required to attend all scheduled classes and participate with all delivered elements of the module as part of their engagement with their programme of study.

Please refer to UWS Regulations 1.64 - 1.67.

### Equality and Diversity

The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: [UWS Equality and Diversity Policy](#)

The modules comply with University regulations and guidance on inclusive learning and teaching practice. Specialist assistive equipment, support provision and adjustment to assessment practice will be made in accordance with UWS policy and regulations.

The University's Equality, Diversity and Human Rights Policy can be accessed at the following link: <http://www.uws.ac.uk/equality/>

**Programme structures and requirements, SCQF level, term, module name and code, credits and awards ( Chapter 1, Regulatory Framework )**

**A. Learning Outcomes (Maximum of 5 per heading)**

Outcomes should incorporate those applicable in the relevant QAA Benchmark statements

<b>Knowledge and Understanding</b>	
<b>A1</b>	Demonstrate a broad awareness of the main scientific subject areas unpinning environmental health and health and safety.
<b>A2</b>	Demonstrate a basic awareness of environmental health and health and safety as they relate to public health and the wider environment
<b>Practice - Applied Knowledge and Understanding</b>	
<b>B1</b>	Use of basic and routine practical skills in health and safety
<b>B2</b>	An ability to collect and record environmental health and health and safety related data
<b>B3</b>	An ability to work safely in a laboratory environment
<b>B4</b>	Develop a working knowledge of health and safety management.
<b>Communication, ICT and Numeracy Skills</b>	
<b>C1</b>	Use relevant computing technologies to display health and safety related data
<b>C2</b>	An ability to make technical oral and written presentations, using IT as required
<b>C3</b>	Use and manipulation of numerical data
<b>C4</b>	An ability to construct a Personal Development Plan.
<b>Generic Cognitive Skills - Problem Solving, Analysis, Evaluation</b>	
<b>D1</b>	Present and evaluate basic scientific, environmental health and health and safety related information.
<b>D2</b>	Identify and provide a solution to a routine problem.
<b>Autonomy, Accountability and Working With Others</b>	
<b>E1</b>	Exercise initiative in undertaking laboratory reports and other written material
<b>E2</b>	Demonstrate an ability to work in a group or as part of a team.

**Core Modules**

SCQF Level	Module Code	Module Name	Credit	Term	Footnotes
------------	-------------	-------------	--------	------	-----------

				1	2	3	
7	BIOL07019	Foundations of Life	60	✓			
7	BIOL07020	Diversity of Life	40		✓		
7	BIOL07021	Investigation & Communication	20		✓		

\* Indicates that module descriptor is not published.

Footnotes

#### Optional Modules

SCQF Level	Module Code	Module Name	Credit	Term			Footnotes
				1	2	3	

\* Indicates that module descriptor is not published.

Footnotes

#### Criteria for Progression and Award

To progress to level 8, a total of 120 credits at SCQF level 7 must be achieved. Progression with credit deficit is subject to the provisions in regulation 3.13. The exit award, see regulation 1.21, is the Certificate in Higher Education in Science, the requirements for which are 120 credits at SCQF level 7 or above.



**B. Learning Outcomes (Maximum of 5 per heading)**

Outcomes should incorporate those applicable in the relevant QAA Benchmark statements

<b>Knowledge and Understanding</b>	
<b>A1</b>	Develop procedures and implement a risk assessment strategy within the workplace
<b>A2</b>	Critically review current relevant legislation
<b>A3</b>	Practise the skills of modifying employee behaviour for improved safety by communication, motivation, leadership and teambuilding
<b>A4</b>	Demonstrate a knowledge and understanding of plant and equipment on construction sites
<b>Practice - Applied Knowledge and Understanding</b>	
<b>B1</b>	Synthesise information from a number of sources in order to gain a coherent understanding of theory and practice
<b>B2</b>	Identify failure modes through material testing
<b>B3</b>	To investigate routine practices within the workplace to ensure accepted standards are achieved
<b>Communication, ICT and Numeracy Skills</b>	
<b>C1</b>	Develop presentation skills
<b>C2</b>	Demonstrate an appreciation for quantitative analysis and their limitations and advantages, common forms of measurement, data handling, representation, and interpretation.
<b>C3</b>	Display basic competence in quantitative aspects in relation to methods employed in accounting for materials, how those differ from 'everyday' experience and the need for general understanding of the various units expressing concentration, mass and the efficiency of chemical processes.
<b>C4</b>	Develop an ability to make technical oral and written presentations, using IT as required.
<b>Generic Cognitive Skills - Problem Solving, Analysis, Evaluation</b>	
<b>D1</b>	Apply strategies for the appropriate selection of relevant information from a wide source and large body of knowledge
<b>D2</b>	Apply the skills needed for academic study and enquiry
<b>D3</b>	Critically evaluate evidence from a variety of topic
<b>Autonomy, Accountability and Working With Others</b>	
<b>E1</b>	Work in support of current professional practice under guidance
<b>E2</b>	Work as part of a group to analyse information and manage the outcome

**Core Modules**

SCQF Level	Module Code	Module Name	Credit	Term			Footnotes
				1	2	3	
8	CEWM08006	Legislative Framework	20	✓			
8	CEWM08004	Working Environment	20	✓			
8	CEWM08005	The Management of Risk	20	✓			
8	CEWM08001	Health & Hygiene	20		✓		
8	CEWM08003	Safety Technology	20		✓		
8	BIOL08024	Legislative Framework in Practice	20		✓		

\* Indicates that module descriptor is not published.

Footnotes

**Optional Modules**

SCQF Level	Module Code	Module Name	Credit	Term			Footnotes
				1	2	3	

\* Indicates that module descriptor is not published.

Footnotes

**Criteria for Progression and Award**

To progress to level 9, a total of 240 credits of which a minimum of 90 are at SCQF level 8 or above. Progression with credit deficit is subject to the provisions in regulation 3.13. The exit award, see regulation 1.21, is the Diploma in Higher Education in Occupational Safety and Health, the requirements for which are 240 credits with at least 90 credits being at SCQF 8 or above.

**C. Learning Outcomes (Maximum of 5 per heading)**

Outcomes should incorporate those applicable in the relevant QAA Benchmark statements

<b>Knowledge and Understanding</b>	
<b>A1</b>	Develop a comprehensive understanding of principles and practices of health and safety management
<b>A2</b>	Prepare, monitor and maintain management systems
<b>A3</b>	Develop an understanding of financial planning and project management
<b>A4</b>	Develop an understanding of the social, legal, economic and political issues which affect the environment
<b>Practice - Applied Knowledge and Understanding</b>	
<b>B1</b>	Consolidate and integrate knowledge gained from previous taught modules and develop that knowledge in applying effective strategies in safety management.
<b>B2</b>	Identify, analyse and apply management principles to hazards in the environment and advise on good management practice relating to environmental issues
<b>B3</b>	Practice workplace accident investigations and reporting
<b>Communication, ICT and Numeracy Skills</b>	
<b>C1</b>	Present clear concise written reports and give oral presentations on the outcome of the case studies
<b>C2</b>	Use a range of skills to identify and collate information required to make informed decisions on health and safety
<b>C3</b>	Display an understanding of preparation for presentations on health and safety issues and the ability to plan for and communicate in any health and safety situation
<b>Generic Cognitive Skills - Problem Solving, Analysis, Evaluation</b>	
<b>D1</b>	Undertake skilled, competent, safe, evaluative and reflective sampling and analysis of environmental and workplace hazards
<b>D2</b>	Undertake skilled , competent , safe, evaluative and reflective analytical practice
<b>D3</b>	Formulate and present a written technical volume of work
<b>Autonomy, Accountability and Working With Others</b>	
<b>E1</b>	Manage time, prioritise workloads and recognise and manage personal emotions and stress
<b>E2</b>	Communicate effectively with a wide range of individuals using a variety of means
<b>E3</b>	Work under guidance with qualified practitioners

**Core Modules**

SCQF Level	Module Code	Module Name	Credit	Term			Footnotes
				1	2	3	
9	CEWM09001	Safety Case Study	20	✓		✓	
9	CEWM09002	Safety Management Skills	20	✓			
9	CEWM09005	Managing Business Risks	20	✓			
9	CEWM09009	SHE Work Related Learning	20		✓	✓	
9	CEWM09004	Environmental Responsibilities	20		✓	✓	
9	CEWM09003	Managing Health & Safety	20		✓		

\* Indicates that module descriptor is not published.

Footnotes

**Optional Modules**

SCQF Level	Module Code	Module Name	Credit	Term			Footnotes
				1	2	3	

\* Indicates that module descriptor is not published.

Footnotes

**Criteria for Progression and Award**

To progress to level 10, a total of 360 credits of which a minimum of 90 are at SCQF level 9 or above. Progression with deficit is not normally allowed from SCQF level 9 to level 10. The exit award, see regulation 1.21, from the programme is a Scottish Bachelors Degree, BSc (Ordinary) Occupational Safety and Health, the requirements for which are 360 credits, with at least 90 of these at SCQF 9 or above. An award with distinction will be made in accordance with University regulation 3.25.

**D. Learning Outcomes (Maximum of 5 per heading)**

Outcomes should incorporate those applicable in the relevant QAA Benchmark statements

<b>Knowledge and Understanding</b>	
<b>A1</b>	Show a critical understanding of current developments in occupational health and their applications, noting philosophical and ethical issues that can arise.
<b>A2</b>	Detailed knowledge of the applicability of training in occupational health to career development
<b>A3</b>	Demonstrate a critical understanding of key principles, theories, and concepts within occupational health, waste management and the applications of these.
<b>A4</b>	Develop specific hypotheses for testing in a research project
<b>Practice - Applied Knowledge and Understanding</b>	
<b>B1</b>	Use a wide range of basic and routine practical skills, and a few specialized skills in occupational health related situations
<b>B2</b>	Execute a defined research project. Be able to accurately collect and record specific data as it relates to occupational health
<b>B3</b>	Identify and retrieve scientific information
<b>B4</b>	Undertake a risk assessment and costing as it relates to a research project
<b>B5</b>	Present information clearly and accurately
<b>Communication, ICT and Numeracy Skills</b>	
<b>C1</b>	Be able to convey complex ideas and to make formal presentations on occupational safety and health to a wide range of audiences.
<b>C2</b>	Be able to use different statistical packages to analyse, manipulate and present data sets that are relevant to environmental health.
<b>Generic Cognitive Skills - Problem Solving, Analysis, Evaluation</b>	
<b>D1</b>	Be able to identify routine professional problems and issues and to offer professional insights and interpretations in the field of occupational safety and health.
<b>D2</b>	Critically identify, define and conceptualize issues within the environmental, safety and health topics and the applications of their disciplines.
<b>D3</b>	Be able to review and consolidate knowledge and to make judgments where the information available is limited.
<b>Autonomy, Accountability and Working With Others</b>	
<b>E1</b>	Exercise substantial initiative in undertaking honours research project
<b>E2</b>	Evidence of the development of independent research work and associated management of time

<b>E3</b>	Be able to deal with ethical issues as they occur in relation to work in occupational health.
-----------	---

### Core Modules

SCQF Level	Module Code	Module Name	Credit	Term			Footnotes
				1	2	3	
10	CEWM10005	Health and Wellbeing	40	✓			
10	BIOL10023	Housing, Acoustics & Health	20	✓			
10	CEWM10006	Honours Project (Safety, Health, Environment)	60		✓		

\* Indicates that module descriptor is not published.

Footnotes

### Optional Modules

SCQF Level	Module Code	Module Name	Credit	Term			Footnotes
				1	2	3	

\* Indicates that module descriptor is not published.

Footnotes

### Criteria for Award

The exit award, see regulation 1.21, from the programme is a Scottish Bachelors Degree with honours in Occupational Safety and Health, the requirements for which is 480 credits, of which a minimum of 90 are at SCQF 10 or above.

**Regulations of Assessment**

Candidates will be bound by the general assessment regulations of the University as specified in the [University Regulatory Framework](#) .

An overview of the assessment details is provided in the Student Handbook and the assessment criteria for each module is provided in the module descriptor which forms part of the module pack issued to students. For further details on assessment please refer to Chapter 3 of the Regulatory Framework.

To qualify for an award of the University, students must complete all the programme requirements and must meet the credit minima detailed in Chapter 1 of the Regulatory Framework.

**Combined Studies**

There may be instances where a student has been unsuccessful in meeting the award criteria for the named award and for other more generic named awards existing within the School. Provided that they have met the credit requirements in line with the SCQF credit minima (please see Regulation 1.21), they will be eligible for an exit award of CertHE / DipHE or BA / BSc in Combined Studies.

For students studying BA, BAcc, or BD awards the award will be BA Combined Studies.

For students studying BEng or BSc awards, the award will be BSc Combined Studies.

**Changes****Changes made to the programme since it was last published:**

Updated admissions criteria and re-ordered the modules per term.

**Version Number: 2.05**