



Module Descriptor

Title	Concepts in One Health		
Session	2024/25	Status	Published
Code	BIOL11031	SCQF Level	11
Credit Points	20	ECTS (European Credit Transfer Scheme)	10
School	Health and Life Sciences		
Module Co-ordinator	Stuart Woods		
Summary of Module			
This module provides the opportunity for students to gain in depth understanding of ‘One Health’ concepts and develop analytical skills to study the collaborative efforts of multiple disciplines working locally, nationally, and globally, to attain optimal health for people, animals and our environment. With the use of ‘real world’ examples, the challenges and opportunities faced by different sectors will be discussed. Students will be invited to work in small groups to promote discussion and debate around focused case studies in each pathogen group. This module will support students to critically evaluate one health topics from an interdisciplinary and cross sector point of view, including critically reviewing and evaluating the literature, data analysis and understanding policy in relation to the examples presented.			

Module Delivery Method	On-Campus ¹ ☒	Hybrid ² ☐	Online ³ ☐	Work -Based Learning ⁴ ☐
Campuses for Module Delivery	☐ Ayr ☐ Dumfries	☒ Lanarkshire ☐ London ☐ Paisley	☐ Online / Distance Learning ☐ Other (specify)	
Terms for Module Delivery	Term 1 ☒	Term 2 ☐	Term 3 ☐	

¹ Where contact hours are synchronous/ live and take place fully on campus. Campus-based learning is focused on providing an interactive learning experience supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus contact hours will be clearly articulated to students.

² The module includes a combination of synchronous/ live on-campus and online learning events. These will be supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus and online contact hours will be clearly articulated to students.

³ Where all learning is solely delivered by web-based or internet-based technologies and the participants can engage in all learning activities through these means. All required contact hours will be clearly articulated to students.

⁴ Learning activities where the main location for the learning experience is in the workplace. All required contact hours, whether online or on campus, will be clearly articulated to students

Long-thin Delivery over more than one Term	Term 1 – Term 2	☐	Term 2 – Term 3	☐	Term 3 – Term 1	☐
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Learning Outcomes	
L1	Critically appraise the concept of One Health.
L2	Critically evaluate the challenges and opportunities in a changing planet.
L3	Using ‘real world’ examples analyse how collaborative efforts of multiple disciplines work together for the optimal health for people, animals and our environment.
L4	Evaluate data that demonstrate the importance of the One Health approach?.
L5	

Employability Skills and Personal Development Planning (PDP) Skills	
SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:
Knowledge and Understanding (K and U)	SCQF 11 Comprehensive, critical, and integrated understanding of the concepts of One Health.
Practice: Applied Knowledge and Understanding	SCQF 11 Analyse ‘real world’ case studies and propose viable approaches to enable crosssector communication and collaboration.
Generic Cognitive skills	SCQF 11 Critically review current literature from an interdisciplinary dimension and make judgements where information comes from a number of sources. Demonstrate a high degree of originality in dealing with professional level issues relating to the development of case studies
Communication, ICT and Numeracy Skills	SCQF 11 Interpreting, using and evaluating a range of numerical and graphical data from one health case studies. Presentation of knowledge through case study writing, and oral communication skills
Autonomy, Accountability and Working with Others	SCQF 11 Designing a professional profile, group and team working and collaboration and communication.

Prerequisites	Module Code	Module Title
	Other All applicants must satisfy the qualification and/or experience requirements in the relevant field and must be able to draw from current practice experience in order to meet the programme’s assessment requirements.	
Co-requisites	Module Code	Module Title

Learning and Teaching
In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.

This module is designed to foster a collaborative, interdisciplinary approach to real world challenge in the One Health context. It will support students to critically evaluate one health topics from an interdisciplinary and cross sector point of view, including critically reviewing and evaluating the literature, data analysis and understanding policy in relation to the examples presented.

Learning Activities

During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:

Student Learning Hours

(Note: Learning hours include both contact hours and hours spent on other learning activities)

Lecture / Core Content Delivery

33

Tutorial / Synchronous Support Activity

9

Independent Study

140

Please select

Please select

Please select

TOTAL

200

Indicative Resources

The following materials form essential underpinning for the module content and ultimately for the learning outcomes:

United Nation resources on the website Textbook: Introduction to One Health: An Interdisciplinary Approach to Planetary Health Sharon L. Deem, Kelly E. Lane-deGraaf, Elizabeth A. Rayhel ISBN: 978-1-119-38285-0 November 2018 Wiley-Blackwell 296

(N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)

Attendance and Engagement Requirements

In line with the [Student Attendance and Engagement Procedure](#), Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.

For the purposes of this module, academic engagement equates to the following:

Attendance for face to face, on campus lectures

Equality and Diversity

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

In line with current legislation (Equality Act, 2010) and the UWS Equality, Diversity, and Human Rights Code, our modules are accessible and inclusive, with reasonable adjustment for different needs where appropriate. Module materials comply with university guidance on inclusive learning and teaching, and specialist assistive equipment, support provision and adjustment to assessment practice will be made in accordance with UWS policy and

regulations. Where modules require practical and/or laboratory-based learning or assessment required to meet accrediting body requirements the University will make reasonable adjustment such as adjustable height benches or assistance of a 'buddy' or helper.

(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	Biological Sciences Health
Overall Assessment Results	☐ Pass / Fail ☒ Graded
Module Eligible for Compensation	☐ Yes ☒ No If this module is eligible for compensation, there may be cases where compensation is not permitted due to programme accreditation requirements. Please check the associated programme specification for details.
School Assessment Board	Biology L7-L11
Moderator	Steven Kelly
External Examiner	A Khan
Accreditation Details	
Module Appears in CPD catalogue	☐ Yes ☒ No
Changes / Version Number	2

Assessment (also refer to Assessment Outcomes Grids below)

Assessment 1

Production and presentation of poster

Assessment 2

Presentation and discussion of case study

Assessment 3

(N.B. (i) Assessment Outcomes Grids for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed.

(ii) An indicative schedule listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Component 1

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Production and presentation of poster	☒	☒	☒	☒	☒	50	3

Component 2

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Presentation, disucssion and understanding of concepts	☒	☒	☒	☒	☒	50	3

Component 3							
Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
	☐	☐	☐	☐	☐		
Combined total for all components						100%	hours

Change Control

What	When	Who