Course Specification

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Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Architecture and Built Environment		
Course Code(s):	EH001T01UV EH001T31UV	Full-time Part-time	4 Years 8 Years
Course Title:	BSc (Hons) Environmental Health with Foundation Year		
Hierarchy of Awards:	Bachelor of Science with Honours Environmental Health Bachelor of Science Environmental Health Diploma of Higher Education Environmental Health Certificate of Higher Education Environmental Health Foundation and Preparatory Studies Environmental Health University Statement of Credit University Statement of Credit		
Language of Study:	English		
Date of DAG approval:	01/Apr/2020		
Last Review:			
Course Specification valid from:	2019/0		
Course Specification valid to:	2025/6		

Academic Staff

Course Leader:	Mr DANEN APPASAMY
Head of Department:	Mr Paul Hampton

Course Information

Location of Delivery:	University of Wolverhampton
Category of Partnership:	Not delivered in partnership
Teaching Institution:	University of Wolverhampton
Open / Closed Course:	This course is open to all suitably qualified candidates.

Entry Requirements:

Entry requirements are subject to regular review. The entry requirements applicable to a particular academic year will be published on the University website (and externally as appropriate e.g. UCAS

Distinctive Features of the Course:

The main focus of the course is to prepare students for a career in environmental health whether it is in the public or private sectors. Career opportunities are very broad and can lead to working in the UK or overseas. Graduates may expect to work as auditors,
consultants or regulators in a wide range of areas and organisations. Understandably, it is very practical course, and is delivered by a mixture of practitioners and academic staff with research and consultancy experience related to the breadth of environmental health. Expert input into the course is key and there are extensive links with practitioners in Local Authorities and the private sectors.

The course includes the development of theoretical and practical skills covering the five areas of environmental health; food safety, housing, environmental protection, public health and health and safety. Students learn about law and practice, how the environment impacts on health and how to investigate to a criminal standard and take enforcement action. Students also develop their soft skills to include, communication, self-management, problem solving, having confidence when dealing with people etc. and these transferable skills are useful in all aspects of life.

Educational Aims of the Course:

The course aims to:

Provide a practically-based course to provide the experience, training and personal and professional values necessary to allow graduates to become EH practitioners
Develop multidisciplinary knowledge and understanding of the vital and complex areas of environmental health.
Protect public health through experience of critical analysis of those areas which threaten health.

Intakes:

September

Major Source of Funding:

Office for Students (OFS)

Tuition Fees:

Tuition fees are reviewed on an annual basis. The fees applicable to a particular academic year will be published on the University website.

Year	Status	Mode	Amount
2020/1	H	Full Time / Sandwich	£9250.00
2020/1	Overseas	Full Time / Sandwich	£12250.00
2020/1	H	Part Time	£3050.00
2020/1	Overseas	Part Time	£6125.00
2021/2	H	Full Time / Sandwich	£9250.00
2021/2	Overseas	Full Time / Sandwich	£12950.00
2021/2	H	Part Time	£3100.00
2022/3	H	Full Time / Sandwich	£9250.00
2022/3	Overseas	Full Time / Sandwich	£13450.00
2022/3	H	Part Time	£3120.00

PSRB:

None

Course Structure:

September (Full-time)

Module	Title	Credits	Period	Type
3CC004	Problem Solving in Science and Technology	20	SEM1	Core
3PY002	Communication and study skills	20	SEM1	Core
3MM003	Foundation Mathematics I	20	SEM1	Core
3CN005	Orientation to Infrastructure and the Built Environment	20	SEM2	Core
3MM004	Foundation Mathematics II	20	SEM2	Core
3ET007	Practical Engineering Science for Electro-Mechanical design	20	SEM2	Core

September (Part-time)

Module	Title	Credits	Period	Type
3CC004	Problem Solving in Science and Technology	20	SEM1	Core
3PY002	Communication and study skills	20	SEM1	Core
3CN005	Orientation to Infrastructure and the Built Environment	20	SEM2	Core

September (Full-time)

Module	Title	Credits	Period	Type
4EH003	Environmental Health in Context	20	YEAR	Core
4EH004	Personal and Professional Skills	20	YEAR	Core
4EH002	Human Health and the Environment	20	SEM1	Core
4EH001	The Natural Environment	20	SEM1	Core
4EH009	Public Health	20	SEM2	Core
4EH012	Health and Safety in the Workplace	20	SEM2	Core

September (Part-time)

Module	Title	Credits	Period	Type
3MM003	Foundation Mathematics I	20	SEM1	Core
3MM004	Foundation Mathematics II	20	SEM2	Core
3ET007	Practical Engineering Science for Electro-Mechanical design	20	SEM2	Core

September (Full-time)

Module	Title	Credits	Period	Type
5EH002	Analytical and Practical Skills in Environmental Health	20	YEAR	Core
5EH004	Legal Enforcement and Compliance	20	YEAR	Core
5EH005	Environmental Pollution: Law and Practice	20	SEM1	Core
5EH008	Regulation and Management of Health and Safety	20	SEM1	Core
5EH009	Food Safety Law and Practice	20	SEM2	Core
5EH003	Housing and Law	20	SEM2	Core

September (Part-time)

Module	Title	Credits	Period	Type
4EH003	Environmental Health in Context	20	YEAR	Core
4EH002	Human Health and the Environment	20	SEM1	Core
4EH009	Public Health	20	SEM2	Core

September (Full-time)

Module	Title	Credits	Period	Type
6EH002	Environmental Protection	20	YEAR	Core
6EH008	Integrated Professional Assessment	20	SEM1	Core
6EH001	Food Safety and Inspection	20	SEM1	Core
6EH003	Environmental Health Practice	20	SEM2	Core
6FS010	Honours Project (Forensic Science)	40	YEAR	Core

September (Part-time)

Module	Title	Credits	Period	Type
4EH004	Personal and Professional Skills	20	YEAR	Core
4EH001	The Natural Environment	20	SEM1	Core
4EH009	Public Health	20	SEM2	Core

September (Part-time)

Module	Title	Credits	Period	Type
5EH002	Analytical and Practical Skills in Environmental Health	20	YEAR	Core
5EH005	Environmental Pollution: Law and Practice	20	SEM1	Core
5EH003	Housing and Law	20	SEM2	Core

September (Part-time)

Module	Title	Credits	Period	Type
5EH004	Legal Enforcement and Compliance	20	YEAR	Core
5EH008	Regulation and Management of Health and Safety	20	SEM1	Core
5EH009	Food Safety Law and Practice	20	SEM2	Core

September (Part-time)

Module	Title	Credits	Period	Type
6EH002	Environmental Protection	20	YEAR	Core
6EH008	Integrated Professional Assessment	20	SEM1	Core
6FS010	Honours Project (Forensic Science)	40	YEAR	Core

September (Part-time)

Module	Title	Credits	Period	Type
6EH001	Food Safety and Inspection	20	SEM1	Core
6EH003	Environmental Health Practice	20	SEM2	Core

Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, to create the best learning experience.

Learning, Teaching and Assessment

Academic Regulations Exemption:

Section 1.2.3 - Exemption for delivery outside the standard University Academic Calendar in order to permit completion of the Sandwich Year over two academic years (18 months) without delaying progression to Level 6 as follows;

5EH007 Work Experience (40 credits).

Section 4.4.3 - Exemption in accordance with Professional Body (CIEH) requirements. Compensation will not be permitted on any modules with no additional third attempts (repeats will be allowed).

APPROVED by AFRSC on 28/3/2019.

Reference Points:

UK Quality Code for Higher Education
Qualifications and Credit Frameworks
Subject Benchmark Statements
University Policies and Regulations
Equality Act (2010)
The course is designed to meet the requirements of the Chartered Institute of Environmental Health (CIEH) - 'The Accreditation of courses leading to the Qualification of Environmental Health Practitioners', 2011 Curriculum

2014 QAA Subject Benchmark Statements for 'Earth Sciences, Environmental Sciences and Environmental Studies' 2014 Used to identify appropriate subject knowledge, understanding and key skills.

The following are relevant for some aspects
• QAA Subject Benchmark statement for 'Bioscience'
• QAA Subject Benchmark statement for 'Health Studies'
• QAA Subject Benchmark statement for 'Housing Studies'
• QAA Subject Benchmark statement for 'Geography'

Other reference material

• ASET A Good Practice Guide for Placement and Other Work-Based Learning Opportunities in Higher Education, 2009
• Framework for Higher Education Qualifications (FHEQ), 2001.
• Chartered Institute of Environmental Health (CIEH) – 'The accreditation of courses leading to the qualification of Environmental Health Practitioners, 2003

Overview of Assessment:

As part of the course approval process, the course learning outcomes were mapped to each of the modules

forming the diet of the programme of study. This process confirmed that all course learning outcomes can be met through successful completion of the modules. This mapping applies to the final award as well as to all of the intermediate awards.

Learning Outcomes	Modules
FY01 Solve real world problems using mathematical and statistical techniques.	
FY02 Communicate scientifically using oral and written skills to provide information to a variety of audiences.	
FY03 Demonstrate and apply problem solving skills to a range of scientific and technological scenarios.	
FY04 Demonstrate and apply knowledge of a range of scientific and technological subjects.	
FY05 Demonstrate personal development in terms of career choice.	
CERTHE01 Demonstrate knowledge of the underlying concepts and principles associated with your area(s) of study, and an ability to evaluate and interpret these within the context of that area of study	
CERTHE02 Demonstrate an ability to present, evaluate and interpret qualitative and quantitative data, in order to develop lines of argument and make sound judgements in accordance with basic theories and concepts of your subject(s) of study.	
CERTHE03 Evaluate the appropriateness of different approaches to solving problems related to your area(s) of study and/or work	
CERTHE04 Communicate the results of your study/work accurately and reliably, and with structured and coherent arguments	
CERTHE05 Demonstrate the qualities and transferable skills necessary for employment requiring the exercise of some personal responsibility	
DIPHE02 Demonstrate knowledge and critical understanding of the well-established principles of your area(s) of study, and of the way in which those principles have developed with an understanding of the limits of your knowledge, and how this influences analyses and interpretations based on that knowledge.	
DIPHE03 Demonstrate the ability to apply underlying concepts and principles outside the context in which they were first studied, including, where appropriate, the application of those principles in an employment context.	
DIPHE04 Demonstrate knowledge of the main methods of enquiry in the subject(s) relevant to the named award, and ability to evaluate critically the appropriateness of different approaches to solving problems in the field of study.	
DIPHE05 Use a range of established techniques to initiate and undertake critical analysis of information, and to propose solutions to problems arising from that analysis.	
DIPHE06 Effectively communicate information, arguments and analysis in a variety of forms to specialist and non-specialist audiences, and deploy key techniques of the discipline effectively.	

Learning Outcomes	Modules
DIPHE07 Demonstrate the qualities and transferable skills necessary for employment, requiring the exercise of personal responsibility and decision-making and undertake further training, developing existing skills and acquire new competences that will enable them to assume significant responsibility within organisations.	
BHONSN01 Critically analyse the implications of biological, chemical, physical, social and psychosocial stressors on the human health in relation to food safety, health and safety, housing, environmental protection and public health.	
BHONSN02 Apply the legislative framework related to environmental health.	
BHONSN03 Collect, critically appraise data and information to make informed decisions and formulate appropriate solutions.	
BHONSN04 Demonstrate cognitive and communication skills in relation to the application of knowledge and judgment to identify and make effective interventions to protect public health.	
BHONSN05 Develop personal and professional development skills through engagement with self-managed and reflective learning.	
BHONS01 Critically analyse the implications of biological, chemical, physical, social and psychosocial stressors on the human health in relation to food safety, health and safety, housing, environmental protection and public health.	
BHONS02 Apply the legislative framework related to environmental health.	
BHONS03 Collect, critically appraise data and information to make informed decisions and formulate appropriate solutions.	
BHONS04 Demonstrate cognitive and communication skills in relation to the application of knowledge and judgment to identify and make effective interventions to protect public health.	
BHONS05 Develop personal and professional development skills through engagement with self-managed and reflective learning.	

Teaching, Learning and Assessment:

A wide variety of learning activities are provided throughout the course including lectures, tutorials, workshops, laboratory practical work, fieldwork, field visits, case studies, project work, problem based learning, on-line exercises, computer workshops, structured laboratory classes, group work, an individual research project, and the promotion of reflective/ self managed learning

The three graduate attributes are embedded throughout the course at all levels, with examples below;

Digital literacy skills are developed at level 4 through the Personal and Professional Skills module that covers use of spreadsheets, data management, on-line exercises, data analysis and interpretation and the use of eportfolio through CANVAS and Pebblepad. Other modules that extend digital literacy skills include 4HW003 through webquests and on-line collaboration via CANVAS and wikis. Subject specific systems such as Geographical Information Systems (GIS) are integrated into 5EH002 Analytical and Field Skills.

Knowledgeable and enterprising The course is designed to develop knowledge and skills at level 4 and 5, whilst engendering enquiring and reflective practice so that by level 6 students can apply the holistic approach to environmental health required of Environmental Health Practitioners.

Global citizen The nature of the course is that local, regional, national and international issues related to the environment, public health, housing and neighbourhoods, food and health and safety are integral at all levels to produce a graduate with professional skills appropriate for progression to registration and practice as an Environmental Health Practitioner.

Assessment Methods:

At the University of Wolverhampton, a variety of modes of assessment will be used to support and test your learning and progress and to help you develop capabilities that are valued beyond your University studies and into your working life. Your course may include a variety of assessment activities:

Written examinations (including online examinations, open and closed book examinations and quizzes)
Coursework (for example, essays, reports, portfolios, project proposals and briefs, CVs, poster presentation)
Practical (for example, oral and video presentations, laboratory work, performances, practical skills assessment)

In the final year of your undergraduate degree, and at the end of your postgraduate degree, you are likely to be expected to write an extended piece of work or research, such as a dissertation or a practice-based piece of research.

Student Support:

General University Support:

University libraries are the key source of academic information for students. Libraries provide physical library resources (books, journal, DVDs etc.) and offer a range of study areas to allow students to study in the environment that suit them best: Social areas, quiet and silent areas. Libraries also provide access to wide range of online information sources, including eBooks, eJournals and subject databases.

Libraries also provide students with academic skills support via the Skills for Learning programme. Students on campus can attend workshops or ask for one-to-one help on a range of skills such as academic writing and referencing. Students can access a range of on-line skills material at: www.wlv.ac.uk/lib/skills

The University Student Support website offers advice on a variety of matters (careers, counselling, Student Union advice, etc.). Students can also access these services by booking appointment with the SU, careers, counselling services, etc.

Course Specific Support:

Academic study skills and digital literacy skills are introduced at Level 4 in Personal and Professional skills (4EH004), further developed within Analytical and Fieldwork Skills (5EH002) at Level 5, and applied in the Dissertation (6FS010) and practice based modules (6EH001 and 6EH003) at Level 6.

Although the course is managed by the Faculty of Science and Engineering, the Course Management Team involving academic colleagues from the Faculty of Education Health and Wellbeing meet at least monthly to ensure cohesiveness of the student experience. FSE has well developed support systems through the School Student Support Office, demonstrators Personal Tutors, IT support and technical support.

Employability in the Curriculum:

Graduates may be able to follow the route to registration as EHPs or progress to further postgraduate academic study. Career opportunities for EHPs exist within Local Authorities in enforcement roles in generic

and specialist areas of Environmental Health. EHPs are also employed within other sectors for example by major retailers, consultancy groups, travel companies and the armed forces.