Programme Specification

Faculty of Health Sciences & Wellbeing
School of Nursing & Health Sciences

MSc Environment, Health and Safety

2018

Version History

Version	Occasion of Change	Change Author	Last Modified
1.0	Periodic review	*Dr Monica Price*	*18/12/17*
2.0	Post review comments	*Dr Monica Price*	*April 2018*

SECTION A: CORE INFORMATION

1. Name of programme

MSc Environment, Health & Safety

2. Award title

MSc Environment, Health & Safety
PgD Environment, Health & Safety
PgC Environment, Health & Safety Studies.

3. Programme linkage

Is this part of a group of linked programmes between which students can transfer at agreed points? (eg a group of programmes with a common set of taught modules)

Yes	**No ***

4. Is the programme a top-up only?

Yes	**No ***

5. Level of award: Level 7 only

6. Awarding body: University of Sunderland

7. Which department is it in?

School of Nursing and Health Sciences, Faculty of Health Sciences and Wellbeing.

8. Programme Studies Board: Safety, Health & Environment

9. Programme Leader: Monica Price

10. How and where can I study the programme?

At Sunderland:	
Full-time on campus	*
Part-time on campus	
As work-based learning full-time	
As work-based learning part-time	
As a full-time sandwich course	
As a part-time sandwich course	
By distance learning	

At the University of Sunderland London campus:	
Full-time on campus	
Part-time on campus	
As work-based learning full-time	
As work-based learning part-time	
As a full-time sandwich course	
As a part-time sandwich course	
By distance learning	

At a partner college:	
Full-time in the UK	
Part-time in the UK	
Full-time overseas	
Part-time overseas	
By distance learning	
As a full-time sandwich course in the UK	
As a part-time sandwich course in the UK	
As a full-time sandwich course overseas	
As a part-time sandwich course overseas	
As work-based learning full-time in the UK	
As work-based learning part-time overseas	
Other (please specify)	

Programme is only offered full time on campus at Sunderland.

11. How long does the programme take?

	Min number of years / months	Max number of years / months
Full-time	1/12	3/36
Part-time	-	-
Distance learning	-	-
Work-based learning	-	-

The programme is offered in full time mode only. Start date for the programme is October.

SECTION B – FURTHER CORE INFORMATION

Use Outline Programme Proposal Form for ADC (AQH-B2-2), for questions 12 to 22

24. Learning and teaching strategy.

This section will review the strategy adopted for the delivery, programme content, teaching methods and the use of research to inform teaching for this on-campus MSc programme. These are key areas that form a part of the teaching and learning strategy for the programme. Some of these elements will be developed further in later sections of the programme specification. The benefits of studying as an on-campus student at the University of Sunderland will be highlighted.

Programme Delivery:

This programme is taught in full-time mode on-campus and gives you the opportunity to access the facilities in the recently revamped Science Complex, this includes the living and working laboratory which boasts the region's only immersive simulation room allowing participants to experience events in simulated environments. An adjacent task trainer room, which can be used flexibly, aids the development of knowledge and skills relating to subjects in environment, health and safety. Integral cameras enable participants to view live or recorded footage in our dedicated debrief room. The Science complex also contains a number of laboratories giving access to a wide range of techniques that can be used to monitor chemicals both in the workplace and the wider environment. Techniques include: scanning electron microscopy, gas chromatography/mass spectroscopy, liquid chromatography and atomic absorption spectrometry.

On-campus study will also give you access to a range of academic tutors and guest speakers together with the opportunity to join us on a range of site visits. This will give you the opportunity to study EH&S in a real world situation. All on-campus students have the opportunity to undertake a placement, an aspect of the programme enjoyed by all students who undertake this module.

If you join the on-campus programme you will have contact with both your tutors and the other members of cohort. Students recruited to the programme come from a range of academic and professional backgrounds (many already having worked as Environment, Health & Safety managers) both internationally and in the UK. This means that there is a high level of debate in the classroom sessions informed by both your tutors and the other members of the cohort.

Studying on-campus will also give you access to the wide range of library and computer facilities at the University.

The MSc comprises of five modules with the four taught modules delivered on-campus between October, the start date for the programme and late spring. At the end of this period you will complete either a dissertation or a placement (options) which form a part of the research methods and professional practice module and a research project (core module).

Programme Content:

The content of the programme is routinely reviewed and updated to ensure that it meets the requirements of: the students studying on the programme (both home and International), the core curriculum of the professional body (IOSH) and the changing requirements for employment in the field of EH&S. We will cover aspects of both environment and health & safety at a global, regional

and UK level. As we are based in the UK, the legislation that we cover will mainly be EU/UK however, we will also consider the appropriateness of this legislation in other countries as well as the suitability of legislation as a means for the effective control of EH&S issues. One example of an issue that can be followed from a global to a local level is global climate change, with global controls through the Kyoto protocol being seen to impact on businesses at a local level.

The content of the H&S section of the programme is driven by IOSH and is mapped against the requirements of the IOSH core curriculum. This ensures that it covers all aspects of the knowledge and skills required to operate in this field.

There are four classroom based modules that make up the programme. Three modules that cover the Environment, Health & Safety content and a fourth that covers a range of academic research and professional practice skills that will be needed both for the workplace and for completion of the programme. During the three EH&S modules you will learn how to identify hazards, evaluate the risks associated with them and then consider how to control and manage these hazards in the workplace. The fourth module will be delivered throughout the teaching period and will develop the skills that students need to complete the programme, progress to their research project and be able to move into the workplace.

The format of the classroom based modules is such that the content follows the plan-do-check-act system adopted for the development of managements systems. The first module will take you through the planning stage and cover general EH&S issues/hazards together with an introduction to the legislative framework and management systems. The second module progresses to the 'do & check' stage and covers a range of methods that can be used to evaluate EH&S hazards in the workplace. The third module 'act' reviews how the potential impacts of these hazards can be managed locally, nationally and globally. However, the content of each of these modules will prepare you for the world of work as an Environment, Health & Safety manager.

The entire programme has a very practical basis enabling students to develop the skills that they will need to gain employment in the field of environment, health & safety. This is achieved in the classroom based modules by:

1. A range of site visits, examples could include: a range of local businesses, a waste incinerator or wind turbines/ other examples of renewable energy.

2. The use of a number of guest speakers from industry, consultancy and the regulators.

3. Teaching on the modules by staff who are research and reach-out active.

The practical theme for the programme continues should you decide to undertake a placement which forms a part of the professional practice module. During the 8 week placement period student's work for a range of local employers, recent examples include: local manufacturing company, transport operator, construction company, hospital and micro-brewery. Being able to undertake a placement is unique to the on-campus version of the MSc.

However, not all students on the programme wish to gain work experience and there is an alternative version of the professional practice module which replaces the placement with a dissertation. The dissertation module is designed to improve academic writing skills and is undertaken by students who either already have experience in the workplace or wish to proceed to PhD study.

The final element of the programme is a 12 week/ 60 credit research project module. Often students complete their project with the company they have worked with for their placement. Many of the projects are practical in nature with popular topics including: behavioural safety and environmental behaviour (how can employees be encouraged to separate waste streams and minimise energy use), perception studies of health and safety and the environment, waste and waste management, environmental and safety management systems, carbon footprints/calculators plus a range of laboratory based projects in the field of bioremediation and atmospheric particle analysis.

Teaching Methods:

Teaching methods in the classroom based modules are varied with lectures being supplemented by group work, individual and group presentations and seminars.

The University VLE (Canvas) is used to provide you with information that you will need both for preparation for the taught sessions and for preparation of your assignments. All assignments are submitted through the VLE and checked for plagiarism. You will be given the opportunity to check the plagiarism score for your assignment before you submit using a practice space set up for each module.

Throughout this Masters programme you will be encouraged to develop your skills of self-study and research. In the classroom based modules you will be encouraged to research and read the literature, relevant to the module being taught and to include that research in the assessment submitted. The professional practice module will also seek to develop the research skills that you will need for your project. This module will also focus on the development of skills needed in the workplace. It will be assessed by a portfolio containing a range of elements. Relevant to the workplace will be a reflective log. The ability to critically reflect on activities carried out will be essential for students intending to progress though the professional body accrediting this programme IOSH.

The students on the Masters programme come from a range of national and International backgrounds with some having been employed in the field of health & safety and others coming directly from an undergraduate programme. Throughout the programme you will be encouraged to bring to the discussion sessions information based upon your own experience and perceptions. This has led to many interesting debates during the classroom based modules. Case studies used in these modules reflect environment and health and safety issues at an International/regional and local level.

Sustainability and ethics are key issues in the study of environment, health & safety. Sustainability is a theme that goes through the programme with the three strands of economics, environmental and social issues being covered in all of the modules.

Ethics will be introduced when considering the impacts of environmental pollution upon health together with the ethical issues associated with the study of health and safety. Decisions on ethical issues need to be made for any research projects evaluating the impacts of both the environment and the workplace upon health.

Research

During your time on the programme you will find that research and consultancy activities by your tutors are key aspects both of your and the programme development.

(a) Becoming research active – during the classroom based sessions we will encourage you to research the topics of EH&S that we introduce. You will do this by reading around the academic literature and developing your skills of critical reading (as covered in extended induction), the information that you obtain from your reading will be brought to the classroom sessions where you will develop your ideas through discussions with other members of the cohort and the teaching team (including your academic tutors who are practitioners in the field), finally the information and ideas that you have researched will be used in the assessments for these modules.

The research methods and professional practice module will cover aspects of how to carry out a practical piece of research. Here we will cover: the development of a research question, choice of methods both qualitative and quantitative, sampling & design, ethics and reporting & analysing your results. This module will lead you into the final element of the programme which is a research project. By the time that you reach this stage you should have become sufficiently research active to be able to develop a research question that can be answered during your 12 week project.

(b) Tutor research – your academic tutors are research active in the fields of both H&S and Environment. In terms of H&S, research is being undertaken in the field of the application of occupational psychology principles to workplace safety and safety behaviour. This involves exploring the broad topic area that is human factors (individual, job and organisation characteristics) and how it influences safety behaviour. This is a wide and broad ranging area that involves topics including but not limited to, personality, attitudes, motivation, the design of work tasks, the physical working environment and the role of wider social and organisational factors. This research is being developed in collaboration with local industry and the information obtained will be used to provide cases studies that can be used to support the theory delivered during your classroom sessions. In addition you could choose this area of research for your MSc project.

Environment research is being carried out in a number of areas including;

The measurement of airborne particles (PM) and the suitability of current methods of measurement for the developing world.
The impacts of ozone (photochemical smog) on respiratory health in Nigeria, an epidemiological study being carried out in Abuja, Nigeria.
Bioremediation of hydrocarbon contaminated soils.

This research will also be used to inform both the programme development and used to develop case studies for teaching in the modules. You can also become involved in these research areas during your project and many previous students have carried out laboratory based projects investigating airborne particles or bioremediation.

(c) Tutor Consultancy

All of the tutors on the programme have active links with local industrial fora. These include: membership of the steering group of IEMA and membership of the steering group of the North East Contaminated Land Forum.

These links with local employers provide placement opportunities as well as ensuring that the content of the programme is current and informed by issues relevant to business.

The above indicates that the strategy adopted for your teaching and learning on the programme is such that you will exit with a range of practically based knowledge and skills. This means that you will be in a position to gain graduate membership with the accrediting body IOSH and progress to employment in the very topical field of EH&S management.

25. Retention strategy.

Typically retention rates are good for the MSc Environment Health & Safety and a range of support mechanisms have been developed to assist students through the programme.

Programme Induction:

During induction there will be a number of classroom based sessions covering both the skills needed at postgraduate level and providing an introduction to the systems and processes at the University. These are aimed at helping students make the transition from undergraduate to postgraduate level study and also ensuring that they settle in to life at the University. Study at Masters level can be very pressurised and fast moving and this induction period will ensure that you are ready to commence your studies on the first day of teaching. One area that students on the programmes find difficult is academic writing, hence a number of learning packages have been developed to support students through the transition from undergraduate to postgraduate report writing.

Extended Induction:

However, once teaching on the programme commences we will continue to support the development of your study skills through a period of extended induction which will run during the first semester. The focus of this period will be on both critical reading and critical writing; key skills that you will need to develop in order that you are in a position to complete assessments and progress through the programme.

We have developed a number of taught sessions that will develop your ability to not only read journal papers (the main source of information at postgraduate level) but to be able to critically evaluate the information read. How can the information that you have read be used to inform your writing and what are the implications of the information that you have read – the ‘so what’ of the critical thinking cycle.

Once you have learnt how to critically read the next stage in the extended induction process will be to take you through how to use that information to be able to answer your assessments. At postgraduate level your assessments are likely to start with the words ‘ critically evaluate……..’ hence you need to be able to use critical evaluation in your assessments. Using the critical thinking cycle we will develop the skills that you will need to be able to prepare assessments at this level.

Tutor Support:

In addition to extended induction you will also be allocated a personal tutor. This will be a member of the teaching team and your tutor will provide you with academic support throughout your time on the programme. You will work with your tutor to develop a reflective log for your time on the programme, the log will form a part of the assessment for the professional practice module. The reflection through the modules will focus on the feedback provided on the work that is submitted for assessment. This critical reflection supported by your personal tutor should help you to improve upon your writing skills and engagement with the programme.

The team also work closely with the other support systems available within the University and any student who requires specialist support will be referred to them.

During the delivery of the programme the team have considered the guidelines developed by the University on 'Inclusive Programme Design – Disabled students' guideline' available from: https://docushare.sunderland.ac.uk/docushare/dsweb/View/Collection-2775

26. Any other information

The programme described here has been developed to ensure the integration of environment, health & safety. In the workplace you are likely to be working as an EH&S manager so managing all aspects of both health & safety and environment. You may also be asked to manage quality and security.

Throughout the programme we will teach you the knowledge and skills that are required to manage, in an integrated manner, all aspects of EH&S. So in the programme we will integrate EH&S in the same manner as it is integrated in the workplace.

Throughout the programme you will also be introduced to the requirements of professional practice and the knowledge and skills you will need to progress both in the workplace and through the relevant professional body (IOSH for H&S and IEMA for environment).

Relationship with IOSH

The programme is accredited by IOSH (Institution of Occupational Safety & Health) and the H&S contents of the programme have been designed to meet the requirements of the IOSH core curriculum.

Once you have completed and passed the first four modules for the programme you will be eligible to join IOSH as a graduate member. During programme induction we will introduce you to a member of the IOSH committee for the local branch, Tyne & Wear. They will guide you through the process of progressing from graduate to chartered status.
During your time studying here in Sunderland we would encourage you to attend the meetings/seminars held by the North East Branch of IOSH https://www.iosh.co.uk/Membership/Our-membership-network/Our-Branches/Tyne-and-Wear-Branch.aspx the group meet monthly and full details are available at their web site. These meetings will enable you to make contact with a range of health & safety professionals. They will also provide you with topical up-to-date information about H&S issues.

Those of you undertaking a placement as a part of the professional practice module will need to complete a poster providing details of your placement and reflecting on the time that you have spent with the employer. These posters will be exhibited as part of an employer event when we will invite all of the placement employers to the University. The poster that gains the highest mark will be awarded a prize sponsored by IOSH and a member of the local committee will attend the event to present the prize.

Throughout your time on the programme we would encourage you to become actively involved with the local IOSH group. If you have any queries please contact Sarah – sarah.pickup@sunderland.ac.uk .

Relationship with IEMA

Whilst not accredited with IEMA (Institute for Environmental Management & Assessment) the programme maintains close links with this organisation. Full information on IEMA can be found at their web site https://www.iema.net/.

IEMA also have a regional branch and full details of the North East regional group can be found at https://www.iema.net/regions.

If you have any queries about IEMA please contact Mary – mary.argyraki@sunderland.ac.uk

SECTION C - TEACHING AND LEARNING

27. What is the programme about?

The main aims of the MSc Environment, Health & Safety are: to provide students with updated and comprehensive knowledge on E,H&S issues; to enable them to identify and evaluate potential EH&S hazards and to then put in place measures to manage those hazards and minimise their impact.

The practical nature of the programme means that students will also develop the skills essential for both finding employment and for progressing and developing in a workplace situation.

28. What will I know or be able to do at the end of the programme?

Learning Outcomes Postgraduate Certificate – Skills

By the end of this part of the programme successful students should know, understand or be able to do the following:

- S1 Critique factors within the workplace that may impact on the environment and workplace health & safety.

- S2 Implement a broad range of skills associated with EH&S hazards and their management.

Learning Outcomes Postgraduate Certificate – Knowledge

By the end of this part of the programme successful students should know, understand or be able to do the following:

- K1 Identify and critically appraise EH&S issues in the workplace
- K2 Relate the concepts associated with EH&S to the workplace or to case study situations.

Learning Outcomes Postgraduate Diploma – Skills

By the end of this part of the programme successful students should know, understand or be able to do the following:

- S3 Make recommendations for the most suitable means by which EH&S hazards can be controlled for a range of situations.
- S4 Communicate to a range of audiences, using a variety of means the results of deliberation in the field of EH&S.
- S5 Design research methodologies to critically evaluate an aspect of EH&S

Learning Outcomes Postgraduate Diploma – Knowledge

By the end of this part of the programme successful students should know, understand or be able to do the following:

- K3 Critically evaluate the means by which EH&S hazards can be identified, evaluated, monitored, controlled and managed.
- K4 Conceptualise and critically synthesise the means for controlling and measuring EH&S hazards.
- K5 Discuss the role of critical reflection in the professional development of an EH&S manager.

Learning Outcomes Masters – Skills

By the end of this part of the programme successful students should know, understand or be able to do the following:

- S6 Formulate and execute a research project in the topic of EH&S and be able to communicate the results of the research to your peers.
- S7 Apply theoretical concepts and design and implement a research project.
- S8 Collect and critically evaluate research data using an appropriately justified methodology.

Learning Outcomes Masters – Knowledge

By the end of this part of the programme successful students should know, understand or be able to do the following:

- K6 Conceptualise and critically synthesise contemporaneous evidence from the field of EH&S to design and execute an applied research investigation into a negotiated area of relevance to the discipline.

29. What will the programme consist of?

Taught postgraduate programmes generally consist of a number of taught modules leading to the award of a Postgraduate Certificate (60 credits) or Postgraduate Diploma (120 credits). A Masters qualification (180 credits) usually culminates in a major piece of independent work such as a project or dissertation. All modules are at postgraduate level (level 7 in the UK's national scheme). The summary below describes briefly what is contained in the programme. The programme structure, including a detailed list of modules, can be found in the **programme regulations (section E).**

The delivery of the EH&S taught content of the MSc will follow the plan-do-check-act cycle adopted for the implementation of management systems in a business.

The first 60 credits of the proposed programme will comprise two 30 credit modules, Module 1 (Introduction to EH&S) will provide you with an introduction to the planning stage and cover general EH&S issues/hazards together with an introduction to the legislative framework and management systems. The second module (EH&S Assessment Tools) progresses to the 'do & check' stage of the management system cycle and covers a range of methods that can be used to evaluate EH&S hazards in the workplace, for example risk assessments (both H&S and Environmental), Environmental Impact Assessment and Life Cycle Assessment.

The third module 'act' (Control & Management of EH&S Risks), covers the final step in the management cycle and reviews how the potential impacts of these hazards can be managed locally, nationally and globally. Here we will consider the role of policy, legislation setting and methods for the protection of both the workforce and the environment. One key aspect introduced in this module will be the communication of the 'act' step both to the workforce and to a wider audience in the general population.

The programme also includes a fourth module on professional practice and research skills. This module will cover a range of research skills that you will need to be able to complete the research project which is the final element of the MSc. This module also covers a range of professional practice skills; this element of the taught programme is new and seeks to meet the requirements of the IOSH core curriculum as well as the requirements of employers. Before undertaking this module you will need to decide whether you wish to undertake a placement or a dissertation as there are two versions of this module. If you are hoping to gain employment as an EH&S manager then the placement version of this module should be your preferred option as it will allow you to complete an 8 week period with a local employer. However, if you are hoping to progress to PhD study then you may wish to undertake the dissertation version of the module. This version will

cover a full range of research and professional practice skills but it will also enable you to improve your academic writing skills whilst spending 8 weeks researching the academic literature and writing a dissertation in a topic relevant to the study of EH&S. Providing the subject is relevant to the programme you may choose to research a topic that you might like to study should you progress to a PhD.

Completion of these four modules will give you 120 credits. At this stage you are eligible to join IOSH as a graduate member.

To achieve an MSc you then need to complete a further 60 credits the MSc research project. During the 12 week period that you spend on this module you will: research the literature and develop a research question, carry out some practical work and collect some data (this could be primary, either qualitative or quantitative, or secondary data), analyse the data to answer your research question and review and discuss the findings in the context of the literature. You will need to reach and report on your conclusions together with some ideas on the limitations of the work and any recommendations for future research. Students who undertake a placement often carry out their research with their placement employer.

Once you have completed and passed all of the taught modules plus the project you will be eligible for an MSc.

Awards

Regulations for the award of the Postgraduate Certificate, Postgraduate Diploma and Master of Science are contained within the University of Sunderland Postgraduate Regulations.

Postgraduate Certificate (PgC) Environment, Health and Safety Studies

PgC, is awarded when 60 credits are achieved from any two of modules EHSM01, EHSM02, EHSM03 plus either EHSM04 or EHSM05 (the two optional modules).

Postgraduate Diploma (PgD) Environment, Health and Safety

PgD is awarded when 120 credits are achieved by completion of four modules: EHSM01, EHSM02, EHSM03, and EHSM04 or EHSM05. Completion of these modules will enable you to join IOSH as a graduate member. Once you have passed these modules we will provide you with a letter that states that you have successfully completed these modules, enabling you to join IOSH as a graduate member. Unless you withdraw from the programme at this stage you will not be awarded a PgD you will go on to complete the research project and progress to the completion of your MSc.

Master of Science (MSc) Environment, Health and Safety

MSc is awarded when you successfully complete your research project thus achieving all 180 M-level credits.

30. How will I be taught?

Scheduled teaching activities	*
Independent study	*
Placement	*

During the modules that comprise the classroom based element of the MSc you will be taught by both academics and practitioners. Teaching will take place over a two day period however, this face-to face contact will need to be complemented by time spent reading around the subjects that you are studying and preparing assessments.

During the classroom sessions you will be taught using a range of methods, these include; lectures, seminars, group-work, group presentations and guided discussions. You will be expected to participate fully in all of the sessions.

Most of the classroom based modules will also include a site visit, here you will be able to apply the theory that you have learnt in a practical situation. You will also have an opportunity to speak with an EH&S manager to determine the requirements of employment in this field.

Support for your learning will be provided through the University VLE Canvas. Lecture notes and further reading will be provided to all students to support the classroom sessions. You will be expected to read the learning materials in preparation for the taught sessions. If you do not prepare sufficiently you will not be able to make a full contribution to classroom activities.

During the time that you spend on placement you will be supervised by both a workplace supervisor and a member of the academic teaching team. Full support will be provided by both supervisors.

Both the dissertation and the research project will be supervised by members of the academic teaching team.

A list of the modules in the programme can be found in the **programme regulations (section E).**

A summary of the types of teaching, learning and assessment in each module of the programme can be found in the matrix of modes of teaching (p23).

31. How will I be assessed and given feedback? M*odes of assessment aligned with KIS: choose one or more.*

Written examinations	
Coursework	*
Practical assessments	

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The generic assessment criteria which we use can be found here. Some programmes use subject-specific assessment criteria which are based on the generic ones.

This programme uses the Generic University Assessment Criteria	**YES***	**NO**
This programme uses the Subject Specific Assessment Criteria	**YES**	**NO***

The University regulations can be found here.

During the programme you will encounter a range of methods of assessment. During the three taught classroom based modules that cover the subject of EH&S you will be assessed using a range of: academic reports, business reports, posters (plus a presentation) and time constrained tests. At postgraduate level we do not use formal examinations. Full guidance will be provided on the requirements of these assessments.

The professional practice/research module will be assessed using a portfolio of components. This will be comparable to the portfolio that is required by IOSH for progression through the professional body. For the programme the portfolio will comprise: report on the analysis of some data, a research proposal and a reflective log. The ability to reflect and report reflection is another key skill required for progression through the professional body IOSH.

The final element of assessment for the programme will be a written report of the research work undertaken. Your project will also be assessed by a short viva, this will be an opportunity for you to talk about the work that you have undertaken during the research project module.

32. Teaching learning and assessment matrix

Matrix of modes of teaching, learning and assessment

Stage 1 & 2

Module	Code	Core / optional	Modes of T&L	Modes of Assessment	LO S1	LO K1	LO S2	LO K2	LO S3	LO K3	LO S4	LOK4	LOS5	LOK5	LOS6	LOK6	LOS7	LOS8
Introduction to Environment, Health & Safety	EHSM01	Core	Lectures, private study, seminars, site visits	1 report 1 TCT	*	*	*	*	*	*	*			*				
Environment, Health & Safety Assessment	EHSM02	Core	Lectures, private study, seminars, site visits	2 case study reports	*	*	*	*	*	*	*	*		*				
Control & Management of Environment, Health & Safety Risks	EHSM03	Core	Lectures, private study, seminars, site visits	1 poster 1 report	*	*	*	*	*	*	*	*		*				
Research Methods & Professional Practice (Dissertation)	EHSM04	Optional	Lectures, private study, seminars, placement period	1 test 2 reports 1 dissertation	*	*	*	*			*		*	*				
Research Methods & Professional Practice (Placement)	EHSM05	Optional	Lectures, private study, seminars.	1 test 2 reports 1 poster	*	*	*	*			*		*	*				
Stage 3 **Research Project**	EHSM06	Core	Lectures & private study/research	Project report Viva							*		*	*	*	*	*	*

33. How does research influence the programme?

Research underpinning the programme includes:

Research in the field of workplace health, safety & wellbeing is carried out by a member of the team with a background and research interest in workplace psychology or occupational psychology. Specific research interests being developed here relate to occupational psychology principles to workplace safety and safety behaviour. This involves exploring the broad topic area that is human factors (individual, job and organisation characteristics) and how it influences safety behaviour. This is a wide and broad ranging area that involves topics including but not limited to, personality, attitudes, motivation, the design of work tasks, the physical working environment and the role of wider social and organisational factors.

Environmental research currently being undertaken firstly covers the monitoring and measurement of airborne particles and the development of techniques that are suitable for use in Nigeria. Secondly research is being undertaken into the effects of photochemically generated air pollution on respiratory health. Finally research is undertaken into the use of waste materials to improve upon the bioremediation of diesel contaminated land.

SECTION D EMPLOYABILITY

34. How will the programme prepare me for employment?

The programme gives you the opportunity to develop advanced skills and knowledge which you can use in the future. The following aspects of the programme will prepare you for employment:

- *The programme is accredited by IOSH Institution of Occupational Safety & Health and the knowledge and skills taught in the programme are designed to meet the IOSH core curriculum www.iosh.co.uk*
- *The programme has links with a range of local employers who provide placements and site visits. They also provide feedback to the teaching team to ensure that the content of the programme is both relevant and topical.*
- *The programme also has close links with the local IOSH committee and students are encouraged to join meetings of the local IOSH group.*
- *Graduates from the programme will be able to find jobs as Environment, Health & Safety managers across a range of industry sectors. They may also choose to work for the regulators so either HSE, Health & Safety Executive or the EA Environment Agency. A range of consultancy businesses also support the area of EH&S. The necessary knowledge and skills required to gain employment in these sectors will be taught throughout the programme. The professional practice module will provide students with the generic skills demanded by employers in this sector.*

For information about other opportunities available to our students who study on campus, click here.

35. Particular features of the qualification. (optional)

Completion of modules EHSM01, EHSM02, EHSM03 and either EHSM04 or EHSM05 in the programme will enable students to become a graduate member of IOSH.

36. Professional statutory or regulatory body (PSRB) accreditation. *Choose one of the following.*

PSRB accreditation is not relevant to this programme	
PSRB accreditation is currently being sought for this programme	
This programme currently has PSRB accreditation	*

The programme is currently accredited until: ……

The relevant PSRB(s) is/are: IOSH – Institution of Occupational safety & Health.

The terms of the accreditation are as follows:

Progression to a minimum of PgD level by completing modules EHSM01, EHSM02, EHSM03 and either EHSM04 or EHSM05 enables a student to become a graduate member of IOSH.

Accreditation gives graduates (*status / exemption*): Graduate Status of IOSH

The PgD but not the PgC is accredited.

There are programme-specific regulations relating to the following. Details are given in the programme regulations:

The modules to be studied	
Pass-marks for some or all modules and/or parts (elements) of modules	
Placement requirements	
Attendance requirements	
Professional practice requirements	
Final or overall mark for the award	
Other Naming of the PgC award	The PgC will be named Environment, Health & Safety Studies and is not accredited.

The PgC will be called: PgC Environment, Health & Safety Studies.

SECTION E PROGRAMME STRUCTURE AND REGULATIONS

Name of programme: MSc Environment Health & Safety
Title of final award: MSc
Interim awards[1]: PgC Environment Health & Safety Studies, PgD Environment Health & Safety

Accreditation: PgD & MSc Environment Health & Safety are accredited with IOSH, Institution of Occupational Safety & Health.

University Regulation (please state the relevant University Regulation)**:**

6.1.3 A variation from the university regulations has been given to allow the PgC award title to be different from the main award

Regulations apply to students commencing their studies from October 2018

Regulations apply to students	**Date the regulations apply**	**Intakes affected**
Cohort recruited October 2018	October 2018	1

PgC Environment Health & Safety Studies

Core modules:

Code	Title	Credits
EHSM01	*Introduction to Environment Health & Safety*	*30*
EHSM02	*Environment, Health & Safety Assessment*	*30*
EHSM03	*Control & Management of Environment, Health & Safety Risks*	*30*

Optional Modules

Code	Title	Credits
EHSM04	*Research Methods & Professional Practice (Dissertation)*	*30*
EHSM05	*Research Methods & Professional Practice (Placement)*	*30*

NOTE to complete the PgC students must complete and pass any 2 modules from a combination of EHSM01, EHSM02, EHSM03 and either EHSM04 OR EHSM05.

Elective Modules – there are no elective modules for this programme.
Progression Regulations - *There are no programme-specific progression regulations*

PgD Environment Health & Safety

Core modules

Code	Title	Credits
EHSM01	*Introduction to Environment Health & Safety*	*30*
EHSM02	*Environment Health & Safety Assessment*	*30*
EHSM03	*Control & Management of Environment Health & Safety Risks*	*30*

Optional modules

Code	Title	Credits
EHSM04	*Research Methods & Professional Practice (Dissertation)*	*30*
EHSM05	*Research Methods & Professional Practice (Placement)*	*30*

NOTE – to complete the PgD students must complete and pass all of the three core modules listed above plus one of the optional modules

Elective modules - There are no elective modules.
Progression Regulations - *There are no programme-specific progression regulations*

MSc Environment Health & Safety

Core modules

Code	Title	Credits
EHSM06	*Research Project*	*60*

NOTE – to complete the MSc students must complete all modules, EHSM01, EHSM02, EHSM03 and either EHSM04 OR EHSM05 plus EHSM06

Optional modules - There are no optional modules.
Elective modules - There are no elective module

NOTE – to join IOSH as a graduate member you must complete and pass all of the PgD modules. Credits from the project module EHSM06 cannot be used to compensate for any PgD modules that have not been passed.

SECTION F ADMISSIONS, LEARNING ENVIRONMENT AND SUPPORT

40. What are the admissions requirements?

To join the programme applicants need to have a first degree at 2:2 or above. We will also consider applicants who have relevant experience and who can demonstrate their suitability for the course.

The University's standard admissions requirements can be found in the university regulations. Programme-specific requirements which are in addition to those regulations are given below.

Can students enter with advanced standing?	**Yes**	**No***

41. What kind of support and help will there be?

a) in the department:

You will be supported in the department by the allocation of a personal tutor when you join the programme. However, as the programme is managed by a small team you will also be provided with support from both the module and programme leaders, who will always be willing to provide support.

Should you undertake a placement then you will be supported by both a workplace supervisor and the placement module leader. Full support will also be provided by the University placement officer.

b) in the university as a whole:
The University provides a range of professional support services including health and well-being, counselling, disability support, and a Chaplaincy. Click on the links for further information.

42. What resources will I have access to?

On campus	*	In a partner college		By distance learning	

On campus

Tick all that apply

General Teaching and Learning Space	*
IT	*
Library	*
VLE	*
Laboratory	*
Studio	
Performance space	
Other specialist	
Technical resources	*

As an on-campus student, during your time studying the MSc you will have access to a range of facilities in both the Faculty and the University. These will include; general purpose learning spaces giving you access to computers, the Murray library which also has a range of computer facilities as well as more traditional texts and the University VLE Canvas – here you will have access to both a programme and module spaces. We will use the VLE to provide you with a range of support materials including additional reading. All of your assessments will be submitted through the VLE. In addition the Faculty of Health Sciences and Wellbeing has a number of very well equipped laboratories and many MSc students use the facilities provided here for their research projects. Research carried out by MSc students has included: the analysis of airborne particulate matter using a scanning electron microscope and gas chromatography/mass spec and the bioremediation of diesel contaminated soil.

In the Faculty of Health Sciences and Wellbeing you will also have access to a state of the art simulation suite. The suite will be used to supplement site visits and enable you to develop your skills of hazard identification in the workplace.

Information about the University's facilities can be found here.

Please see the relevant college prospectus or website for details of college learning resources if you are planning to study in one of our partner colleges.

43. Are there any additional costs on top of the fees?

No, but all students buy some study materials such as books and provide their own basic study materials.	*
Yes (optional) All students buy some study materials such as books and provide their own basic study materials. In addition there are some are additional costs for optional activities associated with the programme (see below)	
Yes (essential) All students buy some study materials such as books and provide their own basic study materials. In addition there are some are essential additional costs associated with the programme (see below)	

There will be a number of site visits during the taught modules whilst we will provide you with the necessary PPE you will need to provide warm clothing and a pair of strong walking shoes/boots.

44. How are student views represented?

All taught programmes in the University have student representatives for each programme who meet in a Student-Staff Liaison Committee (SSLC) where they can raise students' views and concerns. The Students' Union and the faculties together provide training for student representatives. SSLCs and focus groups are also used to obtain student feedback on plans for developing existing programmes and designing new ones. Feedback on your programme is obtained every year through module questionnaires and informs the annual review of your programme. Student representatives are also invited to attend Programme and Module Studies Boards which manage the delivery and development of programmes and modules. Various Faculty committees, particularly Faculty Student Success Committee, Academic Development Committee and Quality Management Sub-Committee also have student representation. This allows students to be involved in higher-level plans for teaching and learning. There is a parallel structure at university level on which students are represented by sabbatical officers who are the elected leaders of the Students' Union.

The University's student representation and feedback policy can be found here.

Every two years we participate in the national Postgraduate Taught Experience Survey (PTES) which is run by the Higher Education Academy.

SECTION G QUALITY MANAGEMENT

45. National subject benchmarks

The Quality Assurance Agency for Higher Education publishes benchmark statements which give guidance as to the skills and knowledge which graduates in various subjects and in certain types of degree are expected to have. They do not cover all subjects at postgraduate level but those which exist can be found at here.

Are there any benchmark statements for this programme?	**YES**	**NO***

The QAA also publishes a Framework for Higher Education Qualifications (FHEQ) which defines the generic skills and abilities expected of students who have achieved awards at a given level and with which our programmes align. The FHEQ can be found here.

46. How are the quality and standards of the programme assured?

The programme is managed and quality assured through the University's standard processes. Programmes are overseen by Module and Programme Studies Boards which include student representatives. Each year each module leader provides a brief report on the delivery of the module, identifying strengths and areas for development, and the programme team reviews the programme as a whole. The purpose of this is to ensure that the programme is coherent and up-to-date, with suitable progression through the programme, and a good fit (alignment) between what is taught and how students learn and are assessed - the learning outcomes, content and types of teaching, learning and assessment. Student achievement, including progress through the programme and the way in which the final award is made, is kept under review. The programme review report is sent to the Programme Studies Board and the Faculty in turn report issues to the Universitys Quality Management Sub-Committee (QMSC).

External examiners are appointed to oversee and advise on the assessment of the programme. They ensure that the standards of the programme are comparable with those of similar programmes elsewhere in the UK and are also involved in the assessment process to make sure that it is fair. They are invited to comment on proposed developments to the programme. Their reports are sent to the Deputy Vice-Chancellor (Academic) as well as to the Faculty so that issues of concern can be addressed.

All programmes are reviewed by the University on a six-yearly cycle to identify good practice and areas for enhancement. Programmes are revalidated through this review process. These reviews include at least one academic specialist in the subject area concerned from another UK university. The University is subject to external review by the Quality Assurance Agency for Higher Education on a six-year cycle. Their review reports for Sunderland can be found at here.

Further information about our quality processes can be found here.