

## BSc (Hons) Occupational Safety and Health Management (Top Up)

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### Programme Specification

<b>1. Programme title</b>	BSc (Hons) Occupational Safety and Health Management (Top Up)
<b>2. Awarding institution</b>	Middlesex University
<b>3a. Teaching institution</b>	Middlesex University, Hendon Hong Kong Metropolitan University
<b>3b. Language of study</b>	English
<b>4a. Valid intake dates</b>	September
<b>4b. Mode of study</b>	FT/PT
<b>4c. Delivery method</b>	<input checked="" type="checkbox"/> On-campus/Blended <input type="checkbox"/> Distance Education
<b>5. Professional/Statutory/Regulatory body</b>	Institution of Occupational Safety and Health (IOSH)
<b>6. Apprenticeship Standard</b>	N/A
<b>7. Final qualification(s) available</b>	BSc (Hons) Occupational Safety and Health Management
<b>8. Academic year effective from</b>	<b>2024-2025 (Hendon only) / 2025-2026 Hong Kong Metropolitan University</b>

#### 9. Criteria for admission to the programme

Students must be able to demonstrate the equivalence of 240 credits of learning (120 credits at L4 and 120 credits at L5). This can be demonstrated through a foundation degree, higher diploma or Diploma in Occupational Safety or equivalent level of other relevant studies.

Recognition and accreditation of Prior learning (RPL) is available for those students who do not have evidence of level 4 or 5 learning but can demonstrate equivalent learning through other professional, or work-based activities and produce evidence of that work along with a

persuasive statement of how the work has contributed to the students understanding of health and safety practice.

Students who have foundation level knowledge of Occupational Safety and Health to NVQ 3 domain knowledge e.g. NEBOSH National General Certificate in Occupational Safety and Health or equivalent are also able to apply and will receive some advanced standing (90 Credits at L4) and can then demonstrate the remaining credits through portfolios of practice

Applicants must be competent in English to study this course. For those for whom English is not their first language, the most commonly accepted evidence of English language ability is IELTS 6.5 or equivalent with a minimum of 6.0 in all components.

## 10. Aims of the programme

The programme aims to:

Prepare students for roles in occupational safety and health through the development of knowledge, understanding and the application of the practical and professional skills necessary for future practice and in so doing develop an informed, critical and imaginative attitude towards professional practice.

Facilitate the development of competence in practice through alignment with professional standards in occupational safety and health and specifically those from the *Institution of Occupational Safety & Health* and its requirements for *Initial Professional Development to Certified Member*. (Note -students can move up to Certified membership if they have a recognised and relevant degree-level qualification such as this **plus** two years' relevant experience).

Develop a holistic understanding of the scientific, legislative, policy, technical and practitioner-based knowledge and skills on which to base future competence in relation to occupational safety and health practice.

Provide skills in the design and conduct of research and the skills and intellectual tools to carry out further study

## 11. Programme outcomes\*

### A. Knowledge and understanding

On completion of this programme the successful student will have knowledge and understanding of:

1. Risk management including hazard analysis, risk assessment, risk modelling, risk acceptability and risk decision making
2. Workplace, work-equipment, chemical, physical and biological hazards and their potential to act synergistically to impact detrimentally on safety and health.
3. A wide range of management strategies, methods and techniques to create, implement, review, use and control safe systems of work.
4. The regulation, legislation and regulatory approaches used within the occupational safety and health setting.
5. The role of individual, group and organisational behavioural issues as they apply to safety and health interventions.
6. The research process and methods used to gain insights into occupational safety and health

### **Teaching/learning methods**

Students gain knowledge and understanding through a variety of directed and self-directed learning activities, case study analysis, laboratory work, and audits of the workplace. On campus work introduced with appropriate use of key concept videos. The use of case studies that reflect actual workplace environments are essential in enabling the student to relate knowledge to the practical situations in which they are likely to practise in the future. Use is made of the dedicated environmental and occupational health teaching space to offer demonstrations of equipment and monitoring tools, together with university wide facilities such as the theatre, product design studio etc.

The use of e-learning strategies is also integrated into the teaching and learning strategies through the use of professional online data bases. Online materials will also be used to encourage independent study and formative assessment through the use of interactive exercises and quizzes, links to external sources of information and classroom notes and supporting information is available to the student for downloading.

### **Assessment methods**

Students' knowledge and understanding is assessed by a variety of methods including portfolios (practical inspections and reports), essay, case study, research proposal and research project. Assessment is designed to reflect current cultural and physical working environments likely to be experienced by students in their existing and future professional workplaces.

### **B. Skills**

On completion of this programme the successful student will be able to:

1. Select or design, apply and evaluate, autonomously, a range of inspection, auditing and investigation techniques and be able to develop action plans and programmes for safety and health improvement
2. Critically evaluate and interpret workplace risks in terms of guidance, legislation, technology and complex data and successfully communicate their implications to a wide range of personnel
3. Make decisions, recommendations and articulate solutions on a proposed course of action in relation to OHSE problems to managers, safety representatives and enforcement bodies in a professional manner
4. Reflect on their own professional practice and select from a range of options, the best methods and mechanisms to manage OHSE and influence others to achieve best practice
5. Problem-solve, prioritise and communicate solutions at both an individual problem level and within the context of a range of problems
6. Undertake a substantial academic investigation and effectively communicate the findings
7. Critically appraise the risk perception influences of human and organisational behaviour, risk management and risk analysis
8. Provide leadership and work within teams to problem solve and improve safety and health practice
9. Appreciate ethical problems associated with working with people and clients
10. Operate successfully in a culturally diverse and global oriented society

### **Teaching/learning methods**

Students learn cognitive and practical skills through interactive participation in modules, case study analysis of practical workplace problems relevant to current working practices, group and mini seminars and Workshops will help students articulate ideas, reflect on their understanding and learn from others in a constructive environment. Online materials plus interactive exercises and quizzes will help develop cognitive skills.

The modules have been designed to encourage practical work as appropriate, for example workplace inspections and risk assessments, to view and identify a range of hazardous working environments.

The use of the University campus allows students the opportunity to view work equipment and machinery type hazards and handle and use a variety of occupational hygiene and noise monitoring equipment.

**Assessment methods**

Students' skills are assessed by a variety of methods including portfolios (practical inspections and reports), essay, research proposal/presentation and research project. Some modules also assess presentation skills formatively and summatively as a way of improving verbal communications skills underpinning professional practice.

**12. Programme structure (levels, modules, credits and progression requirements)**

**12.1 Structure of the programme**

Part Time

Year 1 semester 1

- PRS3543 Health and Safety Law; Hazard and risk control (30 Credits)

Year 1 semester 2

- PRS3513 Management of occupational hygiene and health effects arising out of work (30 Credits)

Year 2 semester 1

- PRS3999 Research Methods and Project (30 Credits)

Year 2 semester 2

- PRS3213 Human and organisational factors for influencing safe and healthy workplaces (30 Credits)

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Full time

SEMESTER 1

- PRS3999 Research Methods and Project (30 Credits)
- PRS3543 Health and Safety Law; Hazard and risk control (30 Credits)

SEMESTER 2

- PRS3513 Management of occupational hygiene and health effects arising out of work (30 Credits)
- PRS3213 Human and organisational factors for influencing safe and healthy workplaces (30 Credits)

## 12.2 Levels and modules

Level 6

### Compulsory

Students must take all of the following:

- PRS3543 Health and Safety Law; Hazard and risk control
- PRS3513 Management of occupational hygiene and health effects arising out of work
- PRS3213 Human and organisational factors for influencing safe and healthy workplaces
- PRS3999 Research Methods and Project

### Optional

None

## Progression requirements

## 12.3 Non-compensatable modules

### Module level/Module code

6/PRS3543

6/PRS3513

6/PRS3213

6/PRS3999

## 13. Information about assessment regulations

This programme will run in line with general University Regulations:

<https://www.mdx.ac.uk/about-us/policies>

PSRB requirement - Minimum Grade of 40% in all modules and where specified in all components

## 14. Placement opportunities, requirements and support (if applicable)

There are no placement requirements for this programme, but students are encouraged to seek short term or part time placements/work experience in suitable occupational safety and health settings as an extracurricular activity.

## 15. Future careers / progression

Completion of the programme will improve students' overall value to employers and the occupational safety and health profession by increasing skills in risk assessment and auditing and occupational health and safety management. Students' ability to take on an assisting or management role within an organisation will be advanced. The programme enables students to advance their career in providing occupational health and safety support in industries, where they already have 2 years' experience, enabling them to transfer to Certified Member of IOSH on graduation.

Completion at an appropriate level may allow progression to non-H&S Level 7 awards at Middlesex University.

## **16. Particular support for learning**

Specialist safety and health equipment and materials, use of the environmental and occupational health and safety teaching space, risk assessments of theatre, design studios, and science laboratories.

Specialist learning materials including Barbour Index, and specialist external lecturers. Integration of the learning enhancement team into the teaching and delivery of the award. Access to Progression and Support Officers and Academic Advisor.

## **17. HECos code(s) 100866**

## **18. Relevant QAA subject benchmark(s)**

Health Studies, Bio-sciences

## **19. Reference points**

The following reference points were used in designing the programme:

- Institute of Occupational Safety and Health COR3998 A and B
- UN Sustainable Development Goals
- QAA Framework for Higher Education Qualifications (2024)
- Middlesex University 2031 Learning Framework
- Middlesex University Regulations
- Middlesex University Learning and Quality Enhancement Handbook

## **20. Other information**

Indicators of quality:

- Progression statistics and good awards
- Students' feedback
- External examiners communication, both formal reports and other engagement
- Student employability
- Academic Professional Panel

Students are encouraged to attend the professional body events online and any face-to-face events close to where they live.

Students are expected to attend face-to-face campus activity as specified and any industrial trips organised to support learning which will need to be funded by the student (Up to £250)

Please note programme specifications provide a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve if they take full advantage of the learning opportunities that are provided. More detailed information about the programme can be found in the rest of your programme handbook and the university regulations.

## 21. Curriculum map for BSc (Hons) Occupational Safety and Health Management (Top up)

This section shows the highest level at which programme outcomes are to be achieved by all graduates, and maps programme learning outcomes against the modules in which they are assessed.

### Programme learning outcomes

<b>Knowledge and understanding</b>	
A1	Risk management including hazard analysis, risk assessment, risk modelling, risk acceptability and risk decision making
A2	Workplace, work-equipment, chemical, physical and biological hazards and their potential to act synergistically to impact detrimentally on safety and health
A3	A wide range of management strategies, methods and techniques to create, implement, review, use and control safe systems of work
A4	The regulation, legislation and regulatory approaches used within the occupational safety and health setting.
A5	The role of individual, group and organisational behavioural issues as they apply to safety and health interventions
A6	The research process and methods used to gain insights into occupational safety and health
<b>Skills</b>	
B1	Select or design, apply and evaluate, autonomously, a range of inspection, auditing and investigation techniques and be able to develop action plans and programmes for safety and health improvement
B2	Critically evaluate and interpret workplace risks in terms of guidance, legislation, technology, and complex data and successfully communicate their implications to a wide range of personnel
B3	Make decisions, recommendations and articulate solutions on a proposed course of action in relation to OHSE problems to managers, safety representatives and enforcement bodies in a professional manner
B4	Reflect on their own professional practice and select from a range of options, the best methods and mechanisms to manage OHSE and influence others to achieve best practice
B5	Problem-solve, prioritise and communicate solutions at both an individual problem level and within the context of a range of problems
B6	Undertake a substantial academic investigation and effectively communicate the findings
B7	Critically appraise risk perception influences of human and organisational behaviour, risk management and risk analysis.
B8	Provide leadership and work within teams to problem solve and improve safety and health practice
B9	Appreciate ethical problems associated with working with people and clients
B10	Operate successfully in a culturally diverse and global oriented society

Programme outcomes																
A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	
Highest level achieved by all graduates																
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	

Module Title	Module Code by Level	A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10
Health and Safety Law; Hazard and risk control	PRS3543	X			X			X	X	X	X	X		X	X		
Human and organisational factors for influencing safe and healthy workplaces	PRS3213	X	X	X		X				X	X			X	X	X	
Management of occupational hygiene and health effects arising out of work	PRS3513		X	X	X				X	X	X				X		
Research Methods and Project	PRS3999						X				X	X	X		X		X