

# Higher Diploma in Applied Science (Occupational Health & Safety and Hygiene) / M.Sc. (Occupational Health & Safety and Ergonomics)

H.Dip.: Full-time one year | M.Sc.: full-time one year | Places available—25 (Diploma) & 15 (Masters) | Closing date for applications: 28 April, 2006 | Commences: 4 September, 2006

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## Programme description

Both programmes are full-time postgraduate programmes consisting of formal lecture courses, laboratory work, and continuously assessed projects. Students will gain experience in the use of state of the art equipment and software packages. They will also observe occupational health & safety in the workplace at first hand through extensive site visits. Students will be exposed to relevant domain experts.

The M.Sc. is a taught Masters programme consisting of four elements; lecture courses, continuous assessment and practical work, and a minor research thesis.

## Programme aims and objectives

Both programmes will give participants formal instruction in the broad multidisciplinary areas of occupational health & safety and enable them to take on managerial responsibilities for these matters within industry or to work with a regulatory agency or consultancy firm. The M.Sc. programme will also provide a foundation for further research in the areas of Occupational Health, Ergonomics, Occupational Hygiene and Safety Engineering. The programmes have been recognised by the Irish Health and Safety Authority and satisfies the academic requirements for membership of the U.K. Institution of Occupational Safety and Health.

## ECTS weighting

H.Dip.—60 ECTS; M.Sc.—90 ECTS.

## Programme fee and funding

*Academic year 2006–2007: M.Sc.*

E.U. students: €6,155.

Non-E.U. students: €11,000.

*Academic year 2006–2007: Diploma*

E.U. students: €4,945.

Non-E.U. students: €11,000.

## Minimum entry requirements

The Higher Diploma is open to individuals who have obtained a B.Sc. (General) degree or a primary degree or an equivalent qualification acceptable to the Faculty of Science for the purposes of this Higher Diploma (e.g., RGN). The M.Sc. programme is open to individuals who have obtained an honours B.Sc. degree or its equivalent as determined by the Faculty of Science in an appropriate discipline.

## Selection criteria

Places are allocated based on the outcome of

## Programme Content (Subject to Change)

Course title	ECTS	Examined
<b>Higher Diploma</b>		
Occupational Health	6	May
Occupational Hygiene	6	May
Data Analysis & Computing	3	May
Legal Studies	3	May
Ergonomics and Management Studies	6	May
Safety and Risk Management	6	May
Year's Work	30	n/a
<b>M.Sc.</b>		
Occupational Health	6	Semester 2
Occupational Hygiene	6	Semester 2
Data Analysis & Computing	3	Semester 2
Legal Studies	3	Semester 2
Safety and Risk Management	6	Semester 2
Management Studies	6	Semester 2
Ergonomics	6	Semester 2
Year's Work	18	Semester 2
Thesis	36	Semester 2

an assessment of the application forms submitted. Consideration is given to academic performance, relevant past experience and knowledge of the subject matter of Occupational Health & Safety. Applicants, at the discretion of the selection committee, may be invited to attend for personal interview and/or selection test.

## Examination arrangements

Students will be examined on their lecture course topics in May. Laboratory work, practical work and project work will be continuously assessed throughout the academic year. The research thesis will be submitted at the end of September and examined in time for the Winter Board Meeting in late-November.

## Career opportunities

Graduates of the Higher Diploma and M.Sc. programmes are qualified to pursue a full-time career in health and safety both in the public and private sectors. Previous graduates are employed as: health & safety officers, occupational health nurses, health & safety inspectors/consultants, health promotion officers, health & safety engineers, health



## Programme Director

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