MODULE SPECIFICATION TEMPLATE

*Guidance and Template Text*

SECTION 1: MODULE SPECIFICATIONS

1. Title of the module:

PS704 Major Incident Management

1. School or partner institution which will be responsible for management of the module

School of Physical Sciences.

1. Start date of the module

*Autumn 2015*

1. The number of students expected to take the module

*10 - 15*

1. Modules to be withdrawn on the introduction of this proposed module and consultation with other relevant Schools and Faculties regarding the withdrawal

None.

1. The level of the module:

Postgraduate [M])

1. The number of credits and the ECTS value which the module represents

15 credits/ 7.5 ECTS

1. Which term(s) the module is to be taught in (or other teaching pattern)

Weeks 1 – 18. Autumn and spring terms

1. Prerequisite and co-requisite modules

None

1. The programmes of study to which the module contributes

Forensic Science Taught Masters

1. The intended subject specific learning outcomes
   1. Understand the processes involved with emergency

management.

* 1. Imparting an understanding of how major incidents are managed

at local, national, and international levels.

* 1. Management of finite resources in order to achieve set goals.
  2. Understand evidential prioritisation in relation to major incidents
  3. Develop the ability to manage logistics simulated incidents.
  4. Understand the reporting requirements associated with major

incidents.

1. The intended generic learning outcomes
   1. Management resources and personnel under strict time pressure.
   2. Problem solving in real time incidents and simulated exercises.
   3. Ability to gather information and data from numerous sources

and to use such information to synthesis a response to highly

fluid incident.

* 1. Ability to interact with personnel in order to extract accurate

information and to take command of a major incident.

* 1. Ability to gather data from numerous sources and to critically

evaluate that data in light of current practice and legislation.

1. A synopsis of the curriculum

The module will cover incident management from a tactical/regional and national/ strategic perspective using the four stage model: Identification, preparation, mitigation, and recovery.

A range of actual and potential incidents will be covered including air accident, marine accident, rail and road incident, terrorist attacks, and industrial and chemical incidents.

This will be achieved using lectures, critical evaluation of case studies, and real time simulated incident exercises.

Students will be required to examine all aspects of scene and major incident management, disaster planning and related legislation.

This will encompass emergency management and planning legislation, damage limitation, evacuation plans, logistical support, inter-agency operation and cooperation, and personnel management.

1. Indicative Reading List

Introduction to Emergency Management, Haddow. 2008. ISBN: 978-0-7506-8514-6

Aircraft Safety, Kraues. 2003 ISBN: 0-07-140974-2

Maritime Safety: The Human Factors. Trafford. 2009. Book Guild Publishing

ISBN-13: 978-1846243790

Homeland Security in the UK: Future Preparedness for Terrorist Attack since 9/11:

Wilkinson.2007 ISBN-13: 978-0415383752

Blackstone's Counter-Terrorism Handbook: Stainforth. 2010 OUP: ISBN-13: 978-

0199597109

Derail: Why Trains Crash. Faith: 2000. Channel 4 Publishing: ISBN-13: 978-

0752271651

1. Learning and Teaching Methods, including the nature and number of contact hours and the total study hours which will be expected of students, and how these relate to achievement of the intended module learning outcomes

24 Lectures:

Air accident, marine accident, rail incidents, road incidents, terrorist attacks, natural disasters, disaster management, planning, reporting, and court presentation, legislation, strategic planning, international response to major incidents, case studies:

Table top major incident planning exercise: Real time management of simulated major incident using resource maps which reflect actual emergency service deployment. Planning and execution: 20 hours (11.1 – 11.6) (12.1 – 12.4)

Critical case evaluation and report: 60 hours. (11.1, 11.2, 11.6) (12.5)

Subject reading and research: 46 hours

1. Assessment methods and how these relate to testing achievement of the intended module learning outcomes

Critical evaluation of a historic case study: 60%

(11.1, 11.2, 11.6) (12.5)

Table top major incident exercise: 40%.

Real time and time limited management of simulated major incident using resource maps which reflect actual emergency service deployment.

(11.1 – 11.6) (12.1 – 12.4)

1. Implications for learning resources, including staff, library, IT and space

The School has acquired two new staff members in order to deliver modules in the MSc programmes.

Library provision for new texts would be required at a rate of 1 text per 4 students.

No additional space will be required beyond teaching rooms for the lectures and table top exercises.

1. The School recognises and has embedded the expectations of current disability equality legislation, and supports students with a declared disability or special educational need in its teaching. Within this module we will make reasonable adjustments wherever necessary, including additional or substitute materials, teaching modes or assessment methods for students who have declared and discussed their learning support needs. Arrangements for students with declared disabilities will be made on an individual basis, in consultation with the University’s disability/dyslexia support service, and specialist support will be provided where needed.
2. Campus where module will be delivered:

Canterbury

1. University School responsible for the programme:

School of Physical Sciences

SECTION 2: MODULE IS PART OF A PROGRAMME OF STUDY IN A UNIVERSITY SCHOOL

Statement by the School Director of Learning and Teaching/School Director of Graduate Studies (as appropriate): "I confirm I have been consulted on the above module proposal and have given advice on the correct procedures and required content of module proposals"

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| ................................................................  Director of Learning and Teaching/Director of Graduate Studies (delete as applicable)  …………………………………………………  Print Name | ..............................................  Date |

Statement by the Head of School: "I confirm that the School has approved the introduction of the module and, where the module is proposed by School staff, will be responsible for its resourcing"

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| .................................................................  Head of School  …………………………………………………….  Print Name | ..............................................  Date |

SECTION 3: MODULE IS PART OF A PROGRAMME IN A PARTNER COLLEGE OR VALIDATED INSTITUTION

Module Specification Template  
Last updated February 2013