



The
University
Of
Sheffield.

School Of
Health
And
Related
Research.

MSc in Advanced Emergency Care.



Why choose this masters course?

This is a new course which will provide students with an opportunity to develop both their clinical and non-clinical skills in emergency medicine. The modules have been developed to support clinicians in delivering up-to-date emergency care of the highest quality. The course will appeal to both senior trainees and career grade doctors in emergency medicine as well as experienced staff from other backgrounds.

To meet the needs of overseas students who may have not previously worked in a UK emergency department the 'Introduction to UK emergency medicine' module has been developed. This includes a clinical attachment to an emergency department affiliated to SchARR.

Learning outcomes

- To provide students with advanced knowledge and skills in areas relevant to Emergency Care, which are transferable to a variety of practices, departments, organisations and countries.
- To equip students with the tools for understanding and applying research related to Emergency practice, invigorated by the culture of excellence in research of the School and University.
- To allow candidates to demonstrate expertise in areas of Emergency practice of interest to professional bodies, potential employers and service users.
- To enable students to meet their CPD needs in specific areas of Emergency practice.

Programme Content

All students will be required to complete two core modules

- Management theory and practice
- Evidence Based EM and Research

Students wishing to complete the full MSc will also need to take the following two core modules;

- Research methods
- Dissertation

In addition to a number of optional modules which will include;

- Paediatric emergency medicine
- Observational/CDU medicine
- Emergency medicine informatics
- Pre-Hospital, event and expedition medicine
- Musculoskeletal EM
- Disaster management
- Medico-legal/forensic emergency medicine
- An introduction to UK emergency medicine
- Sedation

Further modules are currently being planned for introduction after September 2013. These include areas such as simulation, geriatric medicine and international emergency medicine.

How is the programme delivered?

Teaching will be delivered using a combination of online materials and taught sessions. The course has been structured to allow students to complete the course alongside their clinical work.

Full or part time

The course has been designed to be as flexible as possible. It can be studied full time over a period of one year or part time over a period of up to five years. The majority of the modules will be delivered by distance learning, allowing students to successfully combine their studies with work and family life.

Diploma, Certificate and Single Modules

To obtain the MSc in Advanced Emergency Care students will complete core modules in addition to a selection of optional modules to a total of 180 credits. Alternatively the course may be studied to the level of Postgraduate Certificate (60 credits) or Postgraduate Diploma (120 credits).

Entry requirements / eligibility

Applications are welcome from those who have:

- A first degree (minimum 2:1), an equivalent professional qualification or relevant work experience
- A high level of English, both written, oral & listening. Further details can be found at www.shef.ac.uk/scharr/prospective_students/applying
- At least 2 years clinical experience of Emergency Medicine or related fields (to the standard equivalent of a Year 3 Speciality Trainee of UK EM training) or a similar milestone for non medical applicants.

Why study at SchARR

SchARR has the UK's largest volume of world-leading or internationally excellent health services research and health technology assessment activity. You will be taught by some of the world's leading scholars in these fields, and benefit from an environment in which teaching and research go hand-in-hand.

Career opportunities

Many students undertaking this course will already be working within emergency care in the UK. Undertaking this course will contribute to their continuing professional development and career progression. For those currently working outside the NHS, particularly those from overseas, this course will provide a valuable insight into the delivery of urgent and emergency care within the National Health Service and will assist such candidates in securing clinical posts within the UK.

Contact details

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Modules

Core Modules

Management Theory and Practice (15 credits)

Module leader: Mr Jim Wardrope – Former president of the College of Emergency Medicine

Evidence Based Emergency Medicine and Research (15 credits)

Module leader: Prof. Suzanne Mason - Professor of Emergency Medicine

An Introduction to UK Emergency Medicine (15 credits)

Module leader: Dr Chris Yap- Consultant in Emergency Medicine

A candidate who has relevant experience of UK Emergency Medicine will be permitted to substitute an optional module in place of this.

Research Methods for Emergency Medicine (15 credits)

Module leaders: Prof Fiona Lecky Professor of Emergency Medicine and Dr Alistair Pickering Consultant in Emergency Medicine

Dissertation (45 or 60 credits)

Optional Modules (15 credits)

Promoting Evidence Based Health Care

Module leader: Prof. Steve Goodacre - Professor of Emergency Medicine

Observational and Ambulatory Medicine

Module leader: Dr Sue Croft- Consultant in Emergency Medicine

Paediatric Emergency Medicine

Module leaders: Dr Sally Gibb and Dr Alison Smith- Consultants in Emergency Medicine

Pre-Hospital Emergency Medicine, Event and Expedition Medicine

Module leader: Dr Pam Hardy Consultant in Emergency Medicine and HEMS doctor Derbyshire, Leicestershire and Rutland Air Ambulance Service

Musculoskeletal Emergency Medicine

Module leader: Mr David Chan- Locum Consultant Trauma and Orthopaedics

Sedation in Emergency Medicine

Module leader: Dr Shammi Ramlakhan Consultant in Emergency Medicine

Medico-legal and Forensic Emergency Medicine

Module leader: Mr Jim Wardrope – Former president of the College of Emergency Medicine In conjunction with Irwin-Mitchell solicitors.

Emergency Medicine Informatics

Module leader: Dr Thomas Locker - Consultant in Emergency Medicine

Introduction to Statistics for Clinical Research

Module leader: Dr Dawn Teare Lecturer in Genetic Epidemiology

Disaster and Emergency Management

Module leader: Dr Andrew Lee Clinical Lecturer

Systematically Reviewing the Research Literature

Module leader: Mr Andrew Booth Reader in Evidence Based Information Practice and Director of Information

