



An Coláiste Ollscoile Baile Átha Cliath  
University College Dublin

**Centre for Emergency Medical Science**  
Ionad d'Eolaíocht Leighis Éigeandála

UCD School of Medicine  
Health Sciences Centre, Belfield  
Dublin 4  
T + 353 1 716 6640 | 6668 | 6665  
F + 353 1 716 6549  
[cemshelp@ucd.ie](mailto:cemshelp@ucd.ie) | <http://www.ucd.ie/centreems>

## MSc EMS (ADVANCED PARAMEDIC) SEPTEMBER 2017

Name of programme:	MSc EMS (Advanced Paramedic)
Duration:	One year – two semesters
Schedule:	Part-time
Award:	Master of Science in Emergency Medical Science
Next intake:	September 2017
Contact name:	Ms Jacintha Vallely
Contact email:	<a href="mailto:centre.ems@ucd.ie">centre.ems@ucd.ie</a>
Contact number:	(01) 716 66 65
Programme URL:	<a href="http://www.ucd.ie/centreems">http://www.ucd.ie/centreems</a>

### ABOUT THIS PROGRAMME

The Centre for Emergency Medical Science (CEMS) at the School of Medicine and Medical Science will offer an MSc EMS (Advanced Paramedic) programme in September 2017.

ECTS Credits: 30

### ENTRY REQUIREMENTS

Access to this module is open to graduates of the UCD H Dip EMT or UCD Grad Dip EMS.

### **COURSE CONTENT**

Candidates will complete a primary research project in a subject area related to the practice of Emergency Medical Science/pre-hospital emergency care.

This component involves the design, data collection, analysis and submission of a piece of primary research in the area of EMS/pre-hospital emergency care. The research question is fundamental – it should be simple, answerable and relevant. Most research will be descriptive, i.e. it will not be necessary to test or compare different interventions such as drugs or skills. However, some projects may involve comparisons, particularly in areas such as training.

- The thesis will be undertaken over two semesters
- A supervisor will be appointed to each student on an individual basis to offer support
- External and internal assessors will report on the completed dissertation

A research proposal must be submitted and approved before acceptance to the module.

### **LEARNING OBJECTIVES**

Candidates will demonstrate:

- Familiarity with study design, selection of appropriate methodologies, samples and power calculations
- Ability to prepare a research proposal and ethics/funding applications as required
- Data collection, collation, analysis and interpretation skills
- Ability to prepare and present a completed thesis, including an appropriate literature search and critique of the completed research

### **HOW TO APPLY**

- Initial expressions of interest should be sent by e-mail to [centre.ems@ucd.ie](mailto:centre.ems@ucd.ie)
- Prepare a brief outline of an idea or area of interest for a research project – 500 words on proposed topic and proposed approach to the research area. Submit by e-mail with a curriculum vitae to [centre.ems@ucd.ie](mailto:centre.ems@ucd.ie)