



## **Module Specification**

### **Medical Conditions Emergency Care**

Version: 2022-23, v2.0, 25 May 2022

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## Part 1: Information

**Module title:** Medical Conditions Emergency Care

**Module code:** UZYSVC-15-1

**Level:** Level 4

**For implementation from:** 2022-23

**UWE credit rating:** 15

**ECTS credit rating:** 7.5

**Faculty:** Faculty of Health & Applied Sciences

**Department:** HAS School of Health and Social Wellbeing

**Partner institutions:** None

**Delivery locations:** Glenside Campus

**Field:** Allied Health Professions

**Module type:** Standard

**Pre-requisites:** None

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** No

**Professional, statutory or regulatory body requirements:** None

## Part 2: Description

**Overview:** The medical conditions module is a first year introduction to the main emergency medical conditions which paramedics encounter during their practice. The module is taught with a systems-based approach – covering emergency conditions in the following systems: cardiovascular; endocrine; neurological; respiratory; abdominal; renal and urological; gynaecological; and labour and birth (inc Newborn Life Support). Alongside we also teach on toxicology, sepsis,

anaphylaxis/allergic reactions and environmental emergencies.

The teaching focuses on pathophysiology, signs and symptoms, risk factors, management, referral pathways, and creating a differential diagnosis, with some emphasis of the conditions across the lifespan. This then intersects with practical sessions on the Paramedic Practice 1 module where the students put this knowledge into practice.

**Features:** Not applicable

**Educational aims:** The aims of this module are to explore a systems-based approach to a range of medical conditions. The module will focus on pathophysiology, signs and symptoms, risk factors, management, referral pathways, and creating a differential diagnosis, with some emphasis of the conditions across the lifespan.

**Outline syllabus:** Respiratory Emergencies

Cardiovascular Emergencies

Neurological Emergencies

Endocrine Emergencies

Allergic Reactions

Gastrointestinal Emergencies

Renal and Urological Emergencies

Toxicology: Substance Abuse and Poisoning

Haematological Emergencies

Environmental Emergencies

Gynaecological Emergencies

Introduction to pharmacotherapy

Labour and Birth

Newborn Life Support

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** Scheduled learning includes lectures and seminars.

Independent learning includes hours engaged with essential reading, reflective, comprehensive interactive online learning materials, revision.

Students will engage in a number of interactive lecture and seminar days. Students are also given access to bespoke, interactive learning resources for the module, containing audios, games and quizzes giving opportunities to develop knowledge and understanding as they progress through the module.

**Module Learning outcomes:** On successful completion of this module students will achieve the following learning outcomes.

**MO1** Demonstrate detailed knowledge and understanding of pathophysiology that supports pharmacological and therapeutic treatments for prehospital medical emergencies

**MO2** Distinguish between a range of acute medical emergency conditions to develop insight into the clinical reasoning process and the formulation of a differential diagnosis

**MO3** Differentiate how lifespan and individual variations influence susceptibility to disease, injury and responses to treatments

**MO4** Examine and evaluate inter professional, intra-agency and cross boundary working when managing urgent and emergency care

**Hours to be allocated:** 150

**Contact hours:**

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/index.html) via the following link <https://uwe.rl.talis.com/index.html>

## **Part 4: Assessment**

**Assessment strategy:** Reflective piece, in the form of either a 25 minute individual reflective professional conversation.

Rationale: To provide an opportunity to assess the student's ability to reflect upon the principles and relevant theory of medical emergencies from their experiences within paramedic practice.

Formative assessment will take place through skills supervision and feedback, also tutorial support and reading by a personal tutor of draft work

**Assessment components:**

**Reflective Piece - Component A (First Sit)**

Description: Reflective piece in the form of a 25 minute professional conversation.

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

**Reflective Piece - Component A (Resit)**

Description: Reflective piece in the form of a 25 minute professional conversation.

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

## **Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Paramedic Science [Feb][FT][Glenside][3yrs] BSc (Hons) 2022-23

Paramedic Science [Sep][FT][Glenside][3yrs] BSc (Hons) 2022-23

Paramedic Science [Sep][FT][Glenside][3yrs] BSc (Hons) 2022-23