



## **Module Specification**

### **Advanced Pre-Hospital Trauma Management**

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## Part 1: Information

**Module title:** Advanced Pre-Hospital Trauma Management

**Module code:** UZYSLS-30-3

**Level:** Level 6

**For implementation from:** 2023-24

**UWE credit rating:** 30

**ECTS credit rating:** 15

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

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

**Partner institutions:** None

**Field:** Allied Health Professions

**Module type:** Module

**Pre-requisites:** None

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** Yes

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

## Part 2: Description

**Overview:** This module is for practitioners looking to further develop and expand their knowledge and practice of trauma care.

**Features:** Not applicable

**Educational aims:** Explore the integration of current clinical skills with new knowledge of major trauma management

Develop an understanding of the knowledge and skills required for the pre-hospital management of the major trauma patient

**Outline syllabus:** Trauma, the disease: the aetiology and epidemiology of major trauma

Trauma services

The kinematics of trauma

The pathophysiology of shock, haemorrhage and the response to injury

Principles of major trauma management for:

Multiple trauma

Brain and spinal cord trauma

Torso trauma (Chest trauma, Abdominal and pelvic trauma)

Shock and catastrophic haemorrhage

Thermal injury

Long-bone fracture

Critical care and trauma

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

**Teaching and learning methods:** Different methods to deliver course content will be chosen to provide the best possible learning experience to students. The following methods will typically be used to deliver the course contents:

Lectures, online materials, online discussion groups, seminars, workshops, directed reading, Wiki pages for group and individual work.

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

**MO1** Demonstrate an understanding of the aetiology and epidemiology of major trauma

**MO2** Evaluate the principles and relevant theory of pre-hospital major trauma management in relation to resuscitation, critical care and immediate life saving intervention

**MO3** Demonstrate the skills to coordinate and, where appropriate, deliver or lead the management of the trauma patient from the point of injury through to definitive care

**MO4** Demonstrate an effective understanding of organ and system-specific injuries, their treatments and complications thereof

**MO5** Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient with injury through major trauma

**Hours to be allocated:** 300

**Contact hours:**

Independent study/self-guided study = 228 hours

E-learning/online learning = 40 hours

Total = 276

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/uzysls-30-3.html) via the following link <https://uwe.rl.talis.com/modules/uzysls-30-3.html>

## **Part 4: Assessment**

**Assessment strategy:** There are two summative assessment tasks, these are equally weighted:

SOPE practical assessment maximum duration 45 minutes; to assess the student's practical application of knowledge in the management of the major trauma patient

A 3000 word assignment examining and evaluating an area of major trauma management; to provide an opportunity to assess the student's ability to critically evaluate the principles and relevant theory of an area of pre-hospital major trauma management.

**Formative Assessment:**

Formative assessment will be continual through the module and a series of simulation, including regular feedback opportunities.

**Assessment tasks:**

**Practical Skills Assessment (First Sit)**

Description: Practical trauma SOPE maximum 45 minutes

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5

**Written Assignment (First Sit)**

Description: 3000 word assignment

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO4, MO5

**Practical Skills Assessment (Resit)**

Description: Practical trauma SOPE maximum 45 minutes

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5

**Written Assignment (Resit)**

Description: 3000 word assignment

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO4, MO5

### **Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Applied Paramedic Science {Top Up} [Glenside] BSc (Hons) 2023-24