



Programme Specification

Paramedic Science [Sep][FT][Glenside][3yrs]

Version: 2022-23, v2.0, 09 Jun 2022

Contents

Programme Specification	1
Section 1: Key Programme Details	2
Part A: Programme Information	2
Section 2: Programme Overview, Aims and Learning Outcomes	3
Part A: Programme Overview, Aims and Learning Outcomes	3
Part B: Programme Structure.....	6
Part C: Higher Education Achievement Record (HEAR) Synopsis	8
Part D: External Reference Points and Benchmarks	8
Part E: Regulations	9

Section 1: Key Programme Details

Part A: Programme Information

Programme title: Paramedic Science [Sep][FT][Glenside][3yrs]

Highest award: BSc (Hons) Paramedic Science

Default award: BSc (Hons) Health and Social Studies

Interim award: BSc Health and Social Studies

Interim award: DipHE Health and Social Studies

Interim award: CertHE Health and Social Studies

Awarding institution: UWE Bristol

Affiliated institutions: Not applicable

Teaching institutions: UWE Bristol

Study abroad: No

Year abroad: No

Sandwich year: No

Credit recognition: No

Department responsible for the programme: HAS School of Health and Social Wellbeing, Faculty of Health & Applied Sciences

Contributing departments: Not applicable

Professional, statutory or regulatory bodies:

College of Paramedics (CoP)

Health and Care Professions Council (HCPC)

Apprenticeship: Not applicable

Mode of delivery: Full-time

Entry requirements: For the current entry requirements see the UWE public website

For implementation from: 01 September 2022

Programme code: B950-SEP-FT-GL-B950

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: The BSc (Hons) Paramedic Science programme provides students the opportunity to develop into competent paramedics that possess a detailed knowledge of all aspects of paramedic practice, including both urgent and emergency care, and be able to demonstrate the skills and attitudes necessary to provide effective and holistic care. Graduates will have a detailed knowledge of the impact of psychological, sociological, anatomical and physiological factors affecting the acutely sick or injured service user and be able to apply clinical reasoning and problem-solving skills to make safe, patient-centred clinical decisions. They will be well-prepared for clinical practice, working autonomously and as part of a team, but will also be equipped with leadership skills, professional behaviours and values to further develop their knowledge and skills and support the development of others.

The curriculum is spiralled, enabling students to scaffold their learning so that basic understanding can be achieved before covering more complex aspects. Year 1 focuses upon building strong foundations that are advanced upon in subsequent years, covering; communication skills, anatomy and physiology, medical conditions, principles of care and basic skills. Students also cover electrocardiograms in detail in the first year of the course, enabling acquisition of a comprehensive understanding with the ability to harness this skill within professional placements throughout all years of the programme. Year 2 builds upon this foundational knowledge and skills, focusing upon specialist areas of practice and advanced paramedic skills, such as care of the child, mother and older adult, psychosocial aspects and advanced life support. Development of critical thinking is also central to year 2, encouraged by exploration of evidence-based practice and how to engage critically with research to

inform practice. Year 3 brings these concepts together to develop confident decision-makers who are ready and well-prepared for autonomous professional practice and leadership. Within their final year, students cover advanced systems assessment, primary and urgent care, referral pathways, pharmacology, law, ethics and leadership, and their research project.

Students experience a range of learning opportunities to support development of knowledge, problem-solving and decision-making skills and that enable students to continually link theory to professional practice, including lectures, online learning, case reviews and problem-based learning. Peer-led learning and support are provided within our Peer Assisted Learning (PAL) scheme, whereby second year students support students throughout their first year of study, and our pre-hospital simulation society, who have full access to our facilities and equipment to create and deliver peer-led simulation learning. There is a strong focus upon practical skills sessions and simulation throughout the programme and students will participate in a wide variety of simulation activities including; a large-scale, multi-professional simulated major incident exercise, trauma related simulation including road traffic collision extrication, mental health, paediatric and obstetrics simulation scenarios. These opportunities enable competence and confidence to be developed in immersive, challenging environments that are safe and supportive, before practising these skills within practice-based education areas.

Within each year, students are provided with specialist professional practice placements in a range of environments to further strengthen professional behaviours, knowledge and skills and build professional identity. This leads to students achieving a minimum of 1,500 placement hours during the course, with the majority of these placed within an NHS ambulance service.

Our strong focus upon development and demonstration of professional behaviour, skills and knowledge is reflected within our assessment strategy, where we maintain an emphasis on practical assessments and reflective practice. Our strategy is programmatic in design, providing opportunities for mastery of assessment methods and development of student confidence. Also, student choice within module

assessments is present where appropriate to encourage an inclusive approach to assessment.

Educational Aims: The educational aims of this programme are to develop graduates who:

Develop excellent interpersonal skills and can work collaboratively with other health and social care professionals in practice.

Can apply a reflective and evaluative approach to their professional paramedic practice.

Approach assessment, examination and treatment as critical thinkers who are able to analyse, evaluate and apply evidence based practice.

Are able to integrate evidence based practice with values based practice to become confident decision makers who act in the best interests of their patients.

Value continual professional development and lifelong learning.

Programme Learning Outcomes:

On successful completion of this programme graduates will achieve the following learning outcomes.

Programme Learning Outcomes

- PO1. Communicate information, ideas, problems and solutions effectively to service users, carers and other health and social care professionals as part of a multi-professional/disciplinary team.
- PO2. Demonstrate a detailed, critical understanding of the theoretical knowledge, concepts and scientific basis of paramedic science including the physical, environmental, psychological and social factors that influence health, wellbeing and functional changes.
- PO3. Competently and safely apply a wide range of practical skills, ranging from basic to advanced techniques to assess, plan, deliver and evaluate care and health promotion.

- PO4. Assess, treat, monitor and manage a service user's condition through application of critical problem-solving and decision-making skills, evidence-based and values-based practice.
- PO5. Practise safely and autonomously within legal and ethical boundaries, consistent with the HCPC standards of proficiency, standards of conduct, performance and ethics, and the College of Paramedics curriculum guidance.
- PO6. Critically evaluate and reflect upon arguments, assumptions, concepts and data to make judgements, frame questions, find solutions to problems and meet the changing needs of service users.
- PO7. Employ effective leadership to contribute towards excellent patient care, development of others, a culture of transparency and change management.
- PO8. Evaluate the roles and responsibilities of the paramedic to identify limitations of knowledge and the need to maintain currency of knowledge and skills through continuing professional development.

Part B: Programme Structure

Year 1

The student must take 120 credits from the modules in Year 1.

Year 1 Compulsory Modules

The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UZYYGQ-15-1	Electrocardiogram (ECG) Interpretation for Paramedic Practice 2022-23	15
UZYSV9-15-1	Interpersonal Skills for Paramedic Practice 2022-23	15
UZYSVA-30-1	Life Sciences for Paramedic Practice 2022-23	30
UZYSVC-15-1	Medical Conditions Emergency Care 2022-23	15
UZYSVM-30-1	Paramedic Practice 1 2022-23	30

UZYSVG-15-1	Principles of Prehospital Emergency Care 2022-23	15
-------------	---	----

Year 2

The student must take 120 credits from the modules in Year 2.

Year 2 Compulsory Modules

The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UZYSV3-15-2	Advanced Life Support Skills 2023-24	15
UZYSVF-15-2	Emergency Care of the Child 2023-24	15
UZYSV7-15-2	Emergency Care of the Older Adult 2023-24	15
UZYSV8-15-2	Evidence Based Paramedic Practice 2023-24	15
UZYSVD-30-2	Paramedic Practice 2 2023-24	30
UZYGR-15-2	Psychosocial Aspects of Paramedic Practice 2023-24	15
UZYGS-15-2	Trauma and Mass Casualty Management 2023-24	15

Year 3

The student must take 120 credits from the modules in Year 3.

Year 3 Compulsory Modules

The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UZYSV6-15-3	Applied Paramedic Pharmacology 2024-25	15
UZYSV4-30-3	Evolving Paramedic Practice 2024-25	30
UZYGT-15-3	Law, Ethics and Leadership in Paramedic Practice 2024-25	15

UZYSVE-30-3	Paramedic Practice 3 2024-25	30
UZYSV5-30-3	Primary and Urgent Care within Paramedic Practice 2024-25	30

Part C: Higher Education Achievement Record (HEAR) Synopsis

Paramedic Science graduates will be able to demonstrate knowledge of all aspects of pre-hospital emergency care including both urgent care and critical care. They will demonstrate the skills and attitudes necessary to providing effective and holistic. In addition, they will have shown that they are able to demonstrate teamwork and leadership in multi-professional working. They will be able to apply evidence-based practice interventions and be able to integrate theory with practice using critical analysis, reasoning and problem solving to enhance practice. They will be able to communicate well with the service user and to where appropriate, consider care alternative pathways.

Part D: External Reference Points and Benchmarks

At its core, the programme's learning outcomes are built on the curriculum set by the College of Paramedics, which comprehensively details the requirements for the education and training of paramedics in the UK. This is supported by the Health and Care Professions Council's Standards of Proficiency for Paramedics; Standards of Education and Training and their Guidance on Student Conduct and Ethics. Further, the UWE enhancement framework is embedded at all levels of study.

The design of the BSc (Hons) Paramedic Science programme at all levels is based on the reference points and benchmarks set out by the:

College of Paramedics (2019) Paramedic Curriculum Guidance 5th ed. College of Paramedics: Bridgewater.

Health and Care Professions Council (2017) Standards of Education and Training HCPC: London

Health and Care Professions Council (2016) Guidance on Conduct and Ethics for Students HCPC: London

Health and Care Professions Council (2014) Standards of Proficiency: Paramedics HCPC: London

The Quality Assurance Agency for Higher Education (QAA) (2019, 2018, 2016, 2004)

UWE Enhancement Framework 2020

Part E: Regulations

Approved to University Regulations and Procedures

There is no aegrotat award with registration available.

Condonement and excused credit are not permitted for modules contributing to the award of BSc (Hons) Paramedic Science to ensure that all professional standards, competencies, skills and learning outcomes are achieved.

The programme will have at least one external examiner appointed who is appropriately experienced and qualified and is from the relevant part of the HCPC register.