

School of Health and Social Work

Title of Programme: MSc Paramedic Science & PgCert/MSc Advanced Paramedic Practice (Critical Care)

Programme Code: HHP SM

Programme Specification

This programme specification is relevant to students entering:
26 September 2016

Associate Dean of School (Academic Quality Assurance):

Signature

A handwritten signature in black ink, appearing to be 'E. A. J.', written on a light-colored background.

Programme Specification

MSc Paramedic Sciences & PgCert/MSc Advanced Paramedic Practice (Critical Care)

This programme specification (PS) is designed for prospective students, enrolled students, academic staff and potential employers. It provides a concise summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the teaching, learning and assessment methods, learning outcomes and content for each module can be found in Definitive Module Documents (DMDs) and Module Guides.

Section 1

Awarding Institution/Body	University of Hertfordshire
Teaching Institution	University of Hertfordshire
University/partner campuses	College Lane
Programme accredited by	Not Applicable
Final Awards	MSc, PgCert
All Final Award titles	Paramedic Science, Advanced Paramedic Practice (Critical Care), Patient Assessment and Management
FHEQ level of award	7
Language of Delivery	English

A. Programme Rationale

The programme is designed to provide paramedics with the skills and knowledge to meet clinical demands and advanced practice. It will provide an educational context in which students develop their intellectual potential, professional expertise and recognise the importance of continued professional development and lifelong learning. The student body will therefore be drawn from Paramedics. Students will be equipped with the necessary skills to support and develop their role while recognising the extent and limitations of their professional responsibilities. The programme integrates theory with practice and will enable students to respond appropriately to the rapid changes and development within the field. The programme recognises that the graduate must be competent to practise, have an understanding of the principles of research and recognise the importance of reflection and evidence based practice. All graduates must recognise the importance of the multi-disciplinary approach to health care and where appropriate, the programme enables graduates to undertake an extended professional role. The changing nature of the health service requires pro-active practitioners who are innovative and leaders and capable of adapting to an environment where there is increasing emphasis on clinical audit, efficiency, resource management and continuing professional development.

B. Educational Aims of the Programme

The programme has been devised in accordance with the University's graduate attributes of programmes of study as set out in [UPR TL03](#).

Mission statement

To offer a flexible and responsive range of courses that meet the vocational, educational, personal and professional development needs of qualified Paramedics, enabling them to deliver consistently excellent and safe care.

Additionally this programme aims to:

- provide a patient-centred approach to Paramedic practice within an interprofessional framework that values each individual and is committed to enhancing the quality of the patient experience and improving patient outcomes;
- provide an educational experience that is embedded in the University's graduate attributes and enhances career development;
- provide opportunities for students to develop a systematic understanding of knowledge, and a critical awareness of contemporary and emerging issues, much of which is at, or informed by, the forefront of Paramedic practice;
- enable students to critically analyse and evaluate the evidence-base and current developments in practice and to propose new explanations and apply these where appropriate;
- enable students to demonstrate initiative, originality, leadership and self-reflection in decision making and to practice with a high level of personal and professional responsibility
- enable students to develop a comprehensive understanding of methodologies applicable to Paramedic practice;
- enable students to create new and interpret existing knowledge through originality in the application of knowledge and a practical understanding of research methodologies
- enable students to address complex professional issues both systematically and creatively, making sound judgements in the presence of incomplete or contradictory areas of knowledge, and communicate their decisions clearly to relevant audiences.

C. Intended Learning Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge and understanding, skills and other attributes in the following areas. The programme outcomes are referenced to the Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2014), and relate to the typical student. Additionally, the SEEC Credit Level Descriptors for Further and Higher Education 2010 have been used as a guiding framework for curriculum design.

Knowledge and Understanding	Teaching/learning methods & strategies	Assessment
<p>A1 - The theories, principles and concepts underpinning paramedic professional practice and inter-relationships with other relevant disciplines.</p> <p>A2 - The techniques/ methodologies applicable to paramedic professional practice and be able to interpret and apply this to current practice.</p> <p>In relation to the above MSc students will also be able to:</p> <p>A3 – Select and creatively apply an appropriate methodological paradigm in order to answer a health research question and critically apply suitable methods of analysis to research data and reach justifiable conclusions.</p> <p>In relation to the above PgCert Advanced Paramedic Practice (Critical Care) students will also be able to:</p>	<p>Acquisition of knowledge and understanding is through a combination of lectures, small group tutorials, coursework professional practice placements.</p> <p>Throughout, the learner is encouraged to undertake independent study both to supplement and consolidate what is being taught/learnt and to broaden their individual knowledge and understanding of the subject. Delivery of the modules incorporates blended learning which aims to combine e-learning opportunities and traditional campus-based learning in reflective and innovative ways to enhance the students' learning experience.</p>	<p>Knowledge and understanding are assessed through a combination of written assignments (A1, A2, A3), examinations including an objective structured clinical examination (OSCE) (A1, A3), practice portfolio (A1, A2, A3) and presentations (A1, A3).</p> <p>For most assignments, students focus on an area of their own particular area of professional practice.</p>

A4- Critically assess critically ill and/or injured patients' needs, and initiate appropriate management and therapeutic processes within the acute setting.		
Intellectual skills	Teaching/learning methods & strategies	Assessment
<p>B1 - Analyse complex paramedic professional practice and evaluate the methodologies used, either justifying their use or providing the rationale for alternative methods.</p> <p>B2 - Autonomously address complex paramedic professional issues demonstrating initiative, originality and creativity in response to problems identified, taking into account the significant issues related to those problems.</p> <p>B3 - Critically synthesise and evaluate current evidence and information and independently evaluate their own knowledge and understanding in the light of current developments and recent research findings in paramedic practice to generate transformative solutions.</p> <p>B4 - Operate in complex and unpredictable contexts with an overview of the issues governing good paramedic practice whilst demonstrating the ability to competently manage and evaluate information from a range of sources in order to inform best practice.</p> <p>In relation to the above MSc students will also be able to:</p> <p>B5 - Initiate, plan, implement and disseminate a piece of independent research.</p> <p>In relation to the above PgCert Advanced Paramedic Practice (Critical Care) students will also be able to:</p> <p>B6 - Formulate and critically evaluate evidence based management plans for high acuity critical care patients.</p>	<p>Intellectual skills are developed through the programme by the methods and strategies outlined in section A, above.</p> <p>Analysis and evaluation, reasoning and problem solving are further developed through student led seminars, practical work and tutorial work. Relevance of the course content to the student's area of professional practice is integral to the programme.</p> <p>Throughout, the learner is encouraged to develop intellectual skills further by independent study this is facilitated by University based sessions where students are encouraged to analyse, explore and reflect on their own experiences and to share these experiences with their peers. In work-based modules a series of individual tutorials is used to develop and enhance the student's professional expertise encouraging reflection both in and on practice.</p>	<p>Intellectual skills (B1, B2, B3 and B4) are assessed by coursework assignments which are related to the student's own area of professional practice, practice examinations, coursework and presentations.</p> <p>The common research modules more specifically assess skill B2.</p>
Practical skills	Teaching/learning methods & strategies	Assessment

<p>C1 - Demonstrate professional expertise, performing skills effectively, adapting or developing new skills where appropriate.</p> <p>C2 - Apply advanced problem-solving and clinical reasoning skills drawing on the expertise of others where appropriate.</p> <p>C3 - Demonstrate a critical awareness and ability to manage the legal, ethical and professional issues relevant to that activity and work proactively with others to generate solutions</p> <p>C4 - Exercise initiative, personal responsibility, accountability and leadership in professional practice; in accordance with professional and relevant guidelines</p> <p>In relation to the above MSc students will also be able to:</p> <p>C5 – Undertake structured and informed synthesis of current research evidence and disseminate appropriately</p> <p>In relation to the above PgCert Advanced Paramedic Practice (Critical Care) students will also be able to:</p> <p>C6- Demonstrate the ability to work as part of the multi-disciplinary team in the optimisation of patients in any critical care environment.</p>	<p>Practical skills are developed through coursework, the research proposal and dissertation, small group tutorials and professional practice placements.</p> <p>Throughout, the learner is encouraged to develop transferable skills by maintaining a record of evidence and completing a personal development plan.</p>	<p>Practical skills are assessed through transferable skills are assessed through practice portfolio (C1, C3, and C4), an OSCE (C4), research proposal and dissertation (C2).</p>
Transferable skills	Teaching/learning methods & strategies	Assessment
<p>D1 - Engage effectively in academic and professional communication, demonstrating a range of communication skills that are appropriate to their professional activity.</p> <p>D2 - Demonstrate the ability to act as an independent and self-critical learner guiding the learning of others and managing their own requirements for continuing professional development.</p>	<p>Transferable skills are developed throughout the programme by a combination of small group tutorials, coursework, professional practice and work-based learning. The research dissertation provides students with the opportunity to contribute to the body of knowledge in their area of practice.</p> <p>Throughout, the learner is expected to further develop their practical skills through independent study related to</p>	<p>Transferable skills are assessed through written coursework (D1, D2, D3, D4 and D6), presentations (D5), and examinations including an OSCE (D5, D6), research dissertation (D1, D3) and practice portfolio (D6).</p>

D3 - Reflect on their own and others performance in order to improve practice.

their own area of interest and expertise.

In relation to the above MSc students will also be able to:

D4 - Contribute to the advancement of paramedic practice through innovation and clinical leadership.

D. Programme Structures, Features, Levels, Modules, and Credits

The programme is offered in a full time and part-time (normally 6 years) mode and leads to the award of an MSc Paramedic Science or MSc Advanced Paramedic Practice (Critical Care)

Professional and Statutory Regulatory Bodies

The programme is endorsed by the College of Paramedics (COP).

Programme Structure

The programme structure and progression information below (Table 1a and 1b) is provided for the award. Any interim awards are identified in Table 1b. The Programme Learning Outcomes detailed above are developed and assessed through the constituent modules. Table 2 (in section 2) identifies where each learning outcome is assessed.

Table 1a Outline Programme Structure

MSc Paramedic Science

To attain the MSc Paramedic Science requires 180 credit points, including at least 150 at level 7 and successful completion of:

- 30 credits (minimum) from the core modules;
- 90 credits from the core, optional or inter-professional modules and accredited short courses from the AHP post graduate framework.
- 60 credits from the research modules.

Mode of study

Both full time and part time modes of study are available.

Entry point

The full time entry point is from Semester A. Semester A and B entries are available for part time study

PgCert/MSc Advanced Paramedic Practice

To attain the MSc Advanced Paramedic Practice requires 180 credit points, including at least 150 at level 7 and successful completion of:

- 60 credits from the core (CCP) modules;
- 60 credits from the core or optional modules (specialist optional or inter-professional and accredited short courses from the post graduate framework.
- 60 credits from the research modules.

Mode of Study

Part-time

Entry point

Semester A

All modules are at Level 7

MSc Paramedic Science Programme Structure

Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Research modules							
Research Methods or Research Methods – Distance Learning	7HSK0065	15	English	0	50	50	A
Research Investigation	7HSK0122	15	English	0	100	0	B
	7HSK0063	45	English	0	100	0	ABC, BCA
Inter-professional modules							
Developing and Managing People in Health and Social Care	7HSK0059	15	English	0	100	0	A
Redesigning Services for the Future	7HSK0060	15	English	0	100	0	B
Advanced Decision Making in Health and Social Care	7HSK0168	15	English	0	100	0	B, C
Musculoskeletal Trauma: Image Recognition for Healthcare Professionals	7HSK0073	15	English	0	0	100	A
Musculoskeletal Pathologies: Image Recognition for Healthcare Professionals	7HSK0074	15	English	0	0	100	B
Supporting Clinical Education	7HSK0201	15	English	0	75	25	AB
Facilitation of Education in Practice 2	7HSK0125	30	English	0	75	25	AB
E-learning in the Practice Environment	7HSK0071	15	English	0	50	50	B
Developing Research Skills for Health Professionals	6HSK0025	15	English	0	100	0	A, B
Core modules							
Independent Professional Study 1	7HSK0210	15	English	0	100	0	A, B
Independent Professional Study 2	7HKS0211	30	English	0	100	0	A, AB, B, BC
Independent Work Based Skills 1	7HEP1047	15	English	0	100	0	A, AB B, BC
Independent Work Based Skills 2	7HEP1048	15	English	0	100	0	A, AB B, BC
Independent Work Based Skills 3	7HSK0062	15	English	0	100	0	A, AB B, BC
Independent Reflection in Professional Practice 1	7HEP1049	15	English	0	100	0	A, B
Independent Reflection in Professional Practice 2	7HEP1050	15	English	0	100	0	A, AB B, BC
Care of Older People in the Out-of-Hospital Urgent Care Environment	7HSK0082	15	English	0	100	0	B

Cardiology in Out-of-Hospital Care	7HSK0087	30	English	0	60	40	AB
Principles and Practice of Advanced Pre-Hospital Trauma Care	7HSK0083	30	English	0	70	30	BC
Assessment of Minor Injuries for Paramedics	7HSK0128	15	English	0	50	50	B

Additionally, up to 30 relevant credits may be studied from amongst the UH delivered modules or short course provision. Students will select option modules in conjunction with their employers and Programme Leader that reflect their personal and professional career aspirations and their area of practice.

Mode of study: The programme is offered predominantly as a part-time route of study. However, there is the flexibility to accommodate a full-time mode of study for those who wish to undertake this form of learning. There is a set programme of study for international students, which supports their learning through a defined programme of modules, which allows them to reach the MSc within the desired time-frame.

Entry Home students have the opportunity to enter the programme at either Semester A or Semester B. As a number of modules are inter-professional or nominated, there is the opportunity for flexibility for students entering the programme.

PgCert/MSc Advanced Paramedic Practice (Critical Care)

Entry onto the Critical Care Paramedic (CCP) programme requires the student to be employed by an NHS Ambulance Service Trust that has been audited for the purpose of the CCP by the University of Hertfordshire. The NHS Ambulance Service Trust must be prepared to fully support the student; this includes fully funded and supported academic and clinical practice placements. The Trust is responsible for organising clinical placements.

To attain the MSc Advanced Paramedic Practice (Critical Care) requires 180 credit points, including at least 150 at level 7 and successful completion of: 60 credits from the core CCP modules including: 7HSK0081 (15 credits), 7HSK0084 (15 credits), 7HSK0085 (15 credits) and 7HSK0086 (15 credits); 60 credits from the core or optional modules (specialist optional, inter-professional or nominated modules, 60 credits from the research modules. In addition, some students may have to undertake a bridging module (Preparing for Postgraduate Success) prior to commencement onto the CCP programme due to either currency or recognition of previous academic qualifications.

If a student who has successfully completed the 60 credits from the core CCP programme intends to continue studying to attain the MSc Advanced Paramedic Practice (Critical Care); they will not be awarded a PgCert as these credits will count towards the final award of the MSc Advanced Paramedic Practice (Critical Care).

MSc Advanced Paramedic Practice (Critical Care) Programme Structure

Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Core CCP modules							
Patient Assessment and Management	7HSK0081	15	English	0	70 P/F	30	A
Foundations of Critical Care	7HSK0084	15	English	0	100	0	A
Advanced Airway Management and Ventilation	7HSK0085	15	English	0	60	40	B

Management of the Critically ill/ injured patient	7HSK0086	15	English	0	100 P/F	0	BC
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The award of an MSc requires 180 credit points of which a minimum of 150 should be at level 7, including the dissertation.

Table 1b Final and interim awards available

The programme provides the following final and interim awards:

Award	Minimum requirements	Available at end of (normally):
MSc Paramedic Science	180 credit points at least 30 credits are core modules for the pathway and 60 credits of research modules with no more than 30 credits below level 7	3 Semesters
MSc Advanced Paramedic Practice (Critical Care)	180 credit points including at least 150 at level 7 with a minimum of 60 credits from the core CCP modules with no more than 30 credits below level 7	3 Semesters
Postgraduate Diploma in Paramedic Science	120 credit points of which at least 30 credits are core modules for the pathway, with no more than 30 credits below level 7	2, 3 Semesters
Postgraduate Diploma in Patient Assessment and Management	120 credit points of which at least 60 credits are core CCP modules for the pathway, with no more than 30 credits below level 7	2, 3 Semesters
Postgraduate Certificate in Paramedic Science	60 credit points, including at least 45 at level 7 with no more than 15 can be below level 7	1-2 Semesters
Postgraduate Certificate in Patient Assessment and Management	60 credit points of which are core CCP modules for the pathway.	1-2 Semesters

(Table A) gives an outline of modules available to fulltime international students who may be eligible to join the programme and wish to attend university to study the MSc Paramedic Science programme. This is predominantly for international students. International students are not permitted to undertake any module which requires clinical placements.

Table A

MSc Paramedic Science Full time option (International option)				Credit
Year	Semester A	Semester B	Semester C	
Year 1	Developing Research Skills for Health Professionals Research methods	Leading and Developing Services (15)		15
		Independent Professional Practice (15)		45
				30
	Choice of Core/ Inter-professional module	Principles & Practice of Advanced Pre-hospital Care		30
Year 2	Start - Dissertation 32wks			
	Cont - Dissertation 32wks	PIS		45
				180

Masters and Diploma awards can be made "with Distinction" or "with Commendation" where criteria as described in [UPR AS14](#), Section D and the students' handbook are met.

E. Support for students and their learning

Students are supported by;

- A Programme Leader to help students understand the course / programme structure.
- Module leaders
- Research Supervisor
- Student Representatives on Programme Committees.
- A designated programme administrator.
- An induction programme at the beginning of the academic session
- An extensive Learning Resources Centre, incorporating a library and computer centre with 'Studynet' and on-line study facilities
- A substantial Student Services Centre that provides advice on issues such as finance, University regulations, legal matters, accommodation etc.
- Office of Dean of Students, incorporating Chaplaincy, Counselling & Nursery.
- A Mathematics Drop-in Centre.
- A University based Disabled Student Co-ordinator.
- An Equal Opportunities Officer.
- The Students' Union.
- Guided student-centred learning through the use of Studynet.

F. Entry requirements

The normal entry requirements for the MSc in Paramedic Sciences programme are:

- That applicants are registered with the HCPC as a paramedic
- That applicants registering for a Master's Degree in Paramedic Science, would normally have a first degree. Applicants who do not have a first degree or equivalent, are expected to evidence successful completion of at least 30 credits of Level 6 study.
- That students must meet the specific pre-requisites identified in individual DMDs of modules that contain assessments within clinical practice.
- International students must provide: evidence of a first degree (or equivalent) in Pre-hospital Emergency Care; evidence of registration with the Professional Body of their home country; evidence of continuing professional development and IELTS of 7.0 (including 7.0 in writing). International students are not permitted to undertake any module which requires clinical placements. In addition, it should be recognised that International students undertaking elements, or all parts of the programme will not incur eligibility to register with the HCPC as a paramedic.
- International students will be required to submit additional information in support of their application. Candidates with appropriate qualifications will be invited for a telephone interview.
- The programme is subject to the University's Principles, Policies, Regulations and Procedures for the Admission of Students to Undergraduate and Taught Postgraduate Programmes and will take account of University policy and guidelines for assessing accredited prior certificated learning (APCL) and accredited prior experiential learning (APEL).

The normal entry requirements for the MSc in Advanced Paramedic Practice (Critical Care) programme are:

- That applicants are registered with the HCPC as a paramedic
- That applicants registering for a Master's Degree in Advanced Paramedic Practice who do not possess a first degree must provide evidence of appropriate continued professional development and a commitment towards personal and professional development.
- In addition applicants may be asked to undertake a preparatory module, Developing Research Skills for Health Professionals 6HSK0025, before proceeding with their programme of study.
- Applicants normally have some relevant clinical practice experience subsequent to qualification.
- The programme is subject to the University's Principles, Policies, Regulations and Procedures for the Admission of Students to Undergraduate and Taught Postgraduate Programmes and will take account of University policy and guidelines for assessing accredited prior certificated learning (APCL) and accredited prior experiential learning (APEL).

Section 2

Programme management

Relevant QAA subject benchmarking statements

Date of validation/last periodic review

Date of production/ last revision of PS

Relevant intakes

Administrative School

None

September 13

December 2013

Level 7 entering September 2016

School of Health and Social Work

Course details					
Course code		Course description			JACS
HHPSCMSC		MSc in Paramedic Science			B950
Course Instances					
Instances code	Intake	Stream	Instances Year	Location:	Mode of study
PSF1AF-1	A	Paramedic Science	1	Hatfield	Full-time
PSF1AF-2	A	Paramedic Science	2	Hatfield	Full-time
PSP1AP-1 PSP1AP-2	A	Paramedic Science	1	Hatfield	Part-time
PSP2AP-1 PSP2AP-2	A	Paramedic Science	2	Hatfield	Part-time
PSP3AP-1 PSP3AP-2	A	Paramedic Science	3	Hatfield	Part-time
PSP4AP-1 PSP4AP-2	A	Paramedic Science	4	Hatfield	Part-time
PSP5AP-1 PSP5AP-2	A	Paramedic Science	5	Hatfield	Part-time
PSP6AP-1 PSP6AP-2	A	Paramedic Science	6	Hatfield	Part-time
PSP1BP-1 PSP1BP-2	B	Paramedic Science	1	Hatfield	Part-time
PSP2BP-1 PSP2BP-2	B	Paramedic Science	2	Hatfield	Part-time
PSP3BP-1 PSP3BP-2	B	Paramedic Science	3	Hatfield	Part-time
PSP4BP-1 PSP4BP-2	B	Paramedic Science	4	Hatfield	Part-time
PSP5BP-1 PSP5BP-2	B	Paramedic Science	5	Hatfield	Part-time
PSP6BP-1 PSP6BP-2	B	Paramedic Science	6	Hatfield	Part-time

Course details		
Course code	Course description	JACS
HHPSCCPGC	PgCert Patient Assessment and Management	B950

Course Instances					
Instances code	Intake	Stream	Instances Year	Location:	Mode of study
PSCCPGCSEP 1P	A	Patient Assessment and Management (Part-time)	1	Hatfield	Part-time

Course details		
Course code	Course description	JACS
HHPSCCMSC	MSc Advanced Paramedic Practice (Critical Care) – Top Up	N300

Course Instances					
Instances code	Intake	Stream	Instances Year	Location:	Mode of study
PSCCMTSEP1 P-1 PSCCMTSEP1 P-2	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	1	Hatfield	Part-time
PSCCMTSEP2 P-1 PSCCMTSEP2 P-2	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	2	Hatfield	Part-time
PSCCMTSEP3 P-1 PSCCMSEP3P-2	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	3	Hatfield	Part-time
PSCCMTSEP4 P-1 PSCCMTSEP4 P-2	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	4	Hatfield	Part-time
PSCCMTSEP5 P-1 PSCCMTSEP5 P-2	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	5	Hatfield	Part-time

Course details		
Course code	Course description	JACS
HHPSCCMSC	MSc Advanced Paramedic Practice (Critical Care) – Top Up delivered at SWASFT, Henstridge, Somerset	N300

Course Instances					
Instances code	Intake	Stream	Instances Year	Location:	Mode of study
PSCCSWATSE P1P-1 PSCCSWATSE P1P-2	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	1	UH-SWASFT, Henstridge, Somerset	Part-time
PSCCSWATSE P2P-1 PSCCSWATSE P2P-2	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	2	UH-SWASFT, Henstridge, Somerset	Part-time
PSCCSWATSE P3P-1	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	3	UH-SWASFT, Henstridge, Somerset	Part-time

PSCCSWATSE P3P-2					
PSCCSWATSE P4P-1 PSCCSWATSE P4P-2	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	4	UH-SWASFT, Henstridge, Somerset	Part-time
PSCCSWATSE P5P-1 PSCCSWATSE P5P-2	A	Advanced Paramedic Practice (Critical Care) Top-up (Part-time)	5	UH-SWASFT, Henstridge, Somerset	Part-time

The programme is managed by;

- Dean of School
- Associate Dean (Academic Quality Assurance) who has delegated responsibility for programmes in the School of Health & Social Work
- Head of Department
- A Programme Leader who is responsible for the day to day management of the programme as a whole
- Designated Programme administrators to deal with day to day administration associated with the programme
- Module Coordinators who are responsible for individual modules
- A School Programme Committee, the membership of which includes: the Programme Leaders; Associate Deans as appropriate; all Module Leads involved in the postgraduate framework; Admissions Tutors; a representative from LIS; Programme Administrator; Head of Department; Associate Dean (Academic Quality); Representatives from each Division contributing to the Programme; representatives from clinical sites and Student representatives. The committee will be chaired by the Postgraduate Subject Lead.

Programme-specific assessment regulations

The programme is compliant with the University's academic regulations ([UPR AS11](#), [UPR AS12](#) or [UPR AS13](#), [UPR AS14](#)) with the exception of those listed below, which have been specifically approved by the University:

- In practical examinations (OSCEs) no stations can be compensated. Students will need to pass all stations. This is the same for both programmes

Further points of clarification and interpretation relevant to this specific programme are given below:

- Length of student registration is normally up to 6 years
- The award of final compensatory credit is not permitted on this programme

Other sources of information

- Definitive Module Documents
 - Module Guides
 - Student Handbook
 - University of Hertfordshire Course website:
<http://www.herts.ac.uk/courses/>
 - QAA Benchmark Statement website:
<http://www.qaa.ac.uk/assuring-standards-and-quality/the-quality-code/subject-benchmark-statements>
 - Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2014)
[The Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies](#)
 - SEEC Credit Level Descriptors for Further and Higher Education 2010:
<http://www.seec.org.uk/academic-credit/seec-credit-level-descriptors-2010>
- V1.9 / Master's Programme Specification / April 2015 / AS
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- External Quality Review report website:
<http://www.qaa.ac.uk/reviews/reports/instReports.asp?ukprn=10007147>
- UNISTATS website:
<http://www.unistats.com/>
- University of Hertfordshire Academic Quality Office website:
(StudyNet → Staff → Department Lists → Academic Quality Office)
- Structure & Assessment Regulations - Undergraduate & Taught Postgraduate Programmes, UPR AS14:
<http://sitem.herts.ac.uk/secreg/upr/AS14.htm>
- Learning and Teaching Policy and Graduate Attributes, UPR TL03:
<http://sitem.herts.ac.uk/secreg/upr/TL03.htm>
- Admissions - Undergraduate & Taught Postgraduate Students, UPR SA03:
<http://sitem.herts.ac.uk/secreg/upr/SA03.htm>
- Academic Quality, UPR AS17:
<http://sitem.herts.ac.uk/secreg/upr/AS17.htm>
- Index of UPRs for students:
http://sitem.herts.ac.uk/secreg/upr_azlist_info.htm
- Information on Programme and Module External Examiners
<http://www.studynet1.herts.ac.uk/ptl/common/studentcentre.nsf/Teaching+Documents/184A221E5EECA6B780257A5C00250BA9?OpenDocument>
- School Specific Policies and Regulations (Fitness to Practice, DBS, Confidentiality, Practice Complaints, Fraudulent Access to NHS sponsored courses)
<http://sitem.herts.ac.uk/secreg/School-specific%20HSK%20Policies%20and%20Regs.htm>

Other information relevant to the programme

This programme is intended for health care practitioners working in the field of Paramedic Practice

University policies relevant to the Programme

The University undertakes to use all reasonable endeavors to deliver, assess and administer this programme in accordance with this Programme Specification. At the same time it is recognised that it is in the nature of academic developments that changes, for example to the structure, curriculum, and assessment of a programme may be necessary in order to ensure that the programme remains up to date, in response to issues raised as a result of on-going monitoring and evaluation, and/or in order to conform to new regulatory requirements imposed by this institution, by professional or statutory bodies, or by national or governmental bodies.

The programme operates within the guidelines and policies relating to equal opportunities and environmental issues which may be agreed from time to time by the Board of Governors and/or the Academic Board of the University.

Where the programme is offered in collaboration with another institution these policies and guidelines will normally be those of the partner institution.

The programme operates in accordance with the University's Regulations Governing Studies Involving the Use of Human Subjects ([UPR RE01](#)) agreed from time to time by the Academic Board of the University. However, where the programme is offered in collaboration with another institution (for example through a franchise arrangement for all or part of the programme) then specific approval must be obtained from the University for the operation of the programme within ethical guidelines prepared by the partner institution. The partner institution will be responsible for all insurance liability in connection with the observance of ethical guidelines.

Signed

Date 29th June 2016



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Liz Gormley-Fleming
Associate Dean of School (Academic Quality Assurance)

**If you would like this information in an alternative format please contact:
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If you wish to receive a copy of the latest Programme Annual Monitoring and Evaluation Report (AMER) and/or the External Examiner's Report for the programme, please email a request to aqo@herts.ac.uk

MSc Paramedic Science & MSc Advanced Paramedic Practice (Critical Care)

Table 2: Development of Programme Learning Outcomes in the Constituent Modules

This map identifies where the programme learning outcomes are assessed in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the programme aims (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own learning, personal and professional development as the programme progresses.

		Programme Learning Outcomes (as identified in section 1 and the following page)																			
		Knowledge & Understanding				Intellectual Skills						Practical Skills						Transferable Skills			
Module Title	Module Code	A1	A2	A3	A4	B1	B2	B3	B4	B5	B6	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4
Research Modules																					
Research Investigation	7HSK0063	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Research Methods	7HSK0065	X	X			X	X	X	X				X	X				X	X	X	
Research Methods – Distance Learning	7HSK0122	X	X			X	X	X	X				X	X				X	X	X	
Interprofessional modules																					
Developing and Managing People in Health and Social Care	7HSK0059	X	X			X			X					X	X			X	X	X	
Redesigning Services for the Future	7HSK0060	X	X			X	X		X					X	X			X	X	X	
Advanced Decision Making in Health and Social Care	7HSK0168	X	X			X	X	X	X			X	X	X	X			X	X	X	
Developing Research Skills for Health Professionals	6HSK0025	X	X			X	X	X	X				X	X	X			X	X	X	
Musculoskeletal Trauma: Image Recognition for Healthcare Professionals	7HSK0073	X	X					X	X			X	X	X				X	X	X	
Musculoskeletal Pathologies: Image Recognition for Healthcare Professionals	7HSK0074	X	X					X	X			X	X	X				X	X	X	
Supporting Clinical Education	7HSK0201	X	X			X	X	X	X				X	X	X			X	X	X	
Facilitation of Education in Practice 2	7HSK0125	X	X			X	X	X	X				X	X	X			X	X	X	
E-learning in the practice environment	7HSK0071	X	X			X	X	X	X				X	X	X			X	X	X	
Core Modules																					
Independent Professional Study 1	7HSK0210	X	X			X	X	X	X				X		X			X	X	X	
Independent Professional Study 2	7HSK2011	X	X			X	X	X	X				X		X			X	X	X	
Independent Work Based Skills 1	7HEP1047	X	X			X	X	X	X			X	X	X	X			X	X	X	
Independent Work Based Skills 2	7HEP1048	X	X			X	X	X	X			X	X	X	X				X	X	X

Independent Work Based Skills 3	7HSK0062	X	X			X	X	X	X			X	X	X	X				X	X	X
Independent Reflection in Professional Practice 1	7HEP1049	X	X			X	X	X	X			X	X	X	X				X	X	X
Independent Reflection in Professional Practice 2	7HEP1050	X	X			X	X	X	X			X	X	X	X				X	X	X
Patient Assessment and Management	7HSK0081	X	X		X	X	X	X	X		X	X	X		X		X		X	X	X
Care of Older People in the Out-Of-Hospital Urgent Care Environment	7HSK0082	X	X			X	X	X	X			X		X					X	X	X
Principles and Practice of Advanced Pre-Hospital Trauma Care	7HSK0083	X	X			X	X	X	X			X		X	X				X	X	X
Foundations of Critical Care	7HSK0084	X	X		X	X	X	X	X		X	X		X	X		X		X	X	X
Advanced Airway Management and Ventilation	7HSK0085	X	X		X	X	X	X	X		X	X		X	X		X		X	X	X
Management of the Critically Ill/Injured Patient	7HSK0086	X	X		X	X	X	X	X		X	X		X	X		X		X	X	X
Cardiology in Out-Of-Hospital Care	7HSK0087	X	X			X	X	X	X			X		X	X				X	X	X
Assessment of Minor Injuries for Paramedics	7HSK0128	X	X			X	X	X	X			X									

Key: Learning Outcome which is assessed as part of the module ☒

Key to Programme Learning Outcomes

Knowledge and Understanding

A1 - Demonstrate a deep and systematic understanding of the knowledge base, theories, principles and concepts underpinning paramedic professional activity and inter-relationships with other relevant disciplines.

A2 - Demonstrate a comprehensive understanding of the techniques/methodologies applicable to paramedic professional activity and be able to interpret and apply this to current practice.

A3 – Select and creatively apply an appropriate methodological paradigm in order to answer a health research question and critically apply suitable methods of analysis to research data and reach justifiable conclusions.

A4- Critically assess critically ill and/or injured patients' needs, and initiate appropriate management and therapeutic processes within the acute setting.

Practical Skills

C1 - Demonstrate professional expertise, performing skills effectively, adapting or developing new skills where appropriate.

C2 - Apply advanced problem-solving and clinical reasoning skills drawing on the expertise of others where appropriate.

C3 - Demonstrate a critical awareness and ability to manage the legal, ethical and professional issues relevant to that activity and work proactively with others to generate solutions.

C4 - Exercise initiative, personal responsibility, accountability and leadership in professional practice; in accordance with professional and relevant guidelines.

C5 – Undertake structured and informed synthesis of current research evidence and disseminate appropriately.

C6- Demonstrate the ability to work as part of the multi-disciplinary team in the optimisation of patients in any critical care environment.

Intellectual Skills

B1 - Analyses complex paramedic professional practice and evaluates the methodologies used, either justifying their use or providing the rationale for alternative methods.

B2 - Autonomously address complex paramedic professional issues demonstrating initiative, originality and creativity in response to problems identified, taking into account the significant issues related to those problems.

B3 - Critically synthesise and evaluate current evidence and information and independently evaluate their own knowledge and understanding in the light of current developments and recent research findings in paramedic professional practice to generate transformative solutions.

B4 - Operate in complex and unpredictable contexts with an overview of the issues governing good paramedic practice whilst demonstrating the ability to competently manage and evaluate information from a range of sources in order to inform best practice.

B5 - Initiate, plan, implement and disseminate a piece of independent research.

B6 - Formulate and critically evaluate evidence based management plans for high acuity critical care patients.

Transferable Skills

D1 - Initiate, plan, implement and disseminate a piece of independent research, and contribute to the advancement of paramedic practice through innovation and clinical leadership.

D2 - Engage effectively in academic and professional communication, demonstrating a range of communication skills that are appropriate to their professional activity.

D3 - Demonstrate the ability to act as an independent and self-critical learner guiding the learning of others and managing their own requirements for continuing professional development.

D4 - Reflect on their own and others performance in order to improve practice.