

School of Health and Social Work

Title of Programme: MSc Paramedic Science

Programme Code: MSc Paramedic Science HHPSMMSC

Incorporating MSc Advanced Paramedic Practice (critical care) top up HHPSCCMSC  
Post Graduate Certificate Patient Assessment and Management HHPSCCPGC

For Collaborative:

## Programme Specification

This programme specification is relevant to students entering:  
25 September 2017

Associate Dean of School (Academic Quality Assurance):  
Cheryl Holman

Signature



A programme specification is a collection of key information about a programme of study (or course). It identifies the aims and learning outcomes of the programme, lists the modules that make up each stage (or year) of the programme, and the teaching, learning and assessment methods used by teaching staff. It also describes the structure of the programme, its progression requirements and any programme-specific regulations. This information is therefore useful to potential students to help them choose the right programme of study, to current students on the programme, and to staff teaching and administering the programme.

### Summary of amendments to the programme

Date	Section	Amendment
31/01/17	Title, C,D & G	Amended to ensure programme titles are accurate and consistent and reflects information within course instances and JACS codes
31/01/17	C	Table 1B amended, additional information added to pg cert paramedic science, for clarity and to line it up with other interim awards.
31/01/17	D	Table 1A – DMD amendment - changed the weighing of the assessment for the module (7HSK0083) to Coursework 60%, Practical 40%, to allow for more flexibility of achieving learning outcomes in assessing students. Provided clarity for students about the requirement to pass all stations in an OSCE.
31/01/17	D	Table 1A – DMD amendment - Changed the weighing of the assessments for the module (7HSK0085) to Coursework 50%, Practical 50%, to allow for more flexibility in assessment of the learning outcomes. Provided clarity for students about the requirement to pass all stations in an OSCE.
31/01/17	D	Table 1A – DMD amendment – 7HSK0086-. Provided clarity for students about the requirement to pass all stations in an OSCE.
31/01/17	D	Table 1A – DMD amendment – 7HSK0087-Removed “a two short hour paper” from the in-class test element of assessment, this will give greater flexibility in assessing the learning outcomes. Provided clarity for students about the requirement to pass all stations in an OSCE.

31/01/17	Table1a, section 2	Remove 6HSK0025 and 7HSK0125 - modules no longer available
31/01/17	F	New QQA subject benchmark (for paramedics) link added
14/02/17	D	Table A. A new updated table has been produced to replace existing table.

If you have any queries regarding the changes please email [AQO@herts.ac.uk](mailto:AQO@herts.ac.uk)

# Programme Specification

Title of Programme: MSc Paramedic Science  
Programme Code: MSc Paramedic Science HHSPMMSC  
Incorporating MSc Advanced Paramedic Practice (critical care) top up HHPSCCMSC  
Post Graduate Certificate Patient Assessment and Management HHPSCCPGC

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

<b>Awarding Institution/Body</b>	University of Hertfordshire
<b>Teaching Institution</b>	University of Hertfordshire
<b>University/partner campuses</b>	College Lane
<b>Programme accredited by</b>	Not applicable
<b>Final Award (Qualification)</b>	MSc, Pg Cert
<b>All Final Award titles (Qualification and Subject)</b>	Paramedic Science, Advanced Paramedic Practice (Critical Care), Patient Assessment and Management
<b>FHEQ level of award</b>	7
<b>Language of Delivery</b>	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 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 (2016) 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><b>In addition to A1 &amp; A2, ALL MSc students will also be able to:</b></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><b>In addition to A1 &amp; A2, PG Cert Patient Assessment and Management students will also be able to:</b></p> <p>A4- Critically assess critically ill and/or injured patients' needs, and initiate appropriate management and therapeutic processes within the acute setting.</p>	<p>Acquisition of knowledge and understanding is through a combination of lectures, small group tutorials, coursework, professional practice placements, flexible and work based learning.</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.</p> <p>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>

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><b>In addition to B1 - B4, ALL MSc students will also be able to:</b></p> <p>B5 - Initiate, plan, implement and disseminate a piece of independent research.</p> <p><b>In addition to B1 - B4, PG Cert Patient Assessment and Management students will also be able to:</b></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.</p> <p>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 to B6) 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><b>In addition to C1 - C4, ALL MSc students will also be able to:</b></p> <p>C5 – Undertake structured and informed synthesis of current research evidence and disseminate appropriately.</p> <p><b>In addition to C1 - C4, PG Cert Patient Assessment and Management students will also be able to:</b></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 expected to further develop their practical skills through independent study related to their own area of interest and expertise.</p>	<p>Practical skills are assessed through practice portfolio (C1 to C4), an OSCE (C4), research proposal and dissertation (C2).</p>
<p><b>Transferable skills:</b></p>	<p><b>Teaching/learning methods &amp; strategies</b></p>	<p><b>Assessment</b></p>
<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</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 encouraged to develop transferable skills by maintaining</p>	<p>Transferable skills are assessed through written coursework (D2 to D4) , including an OSCE (D2), research dissertation (D1, D3) and practice portfolio (D2, D3).</p>

requirements for continuing professional development.	a record of evidence and completing a personal development plan.	D.
D3 - Reflect on their own and others performance in order to improve practice.  <b>In addition to D1 - D3, ALL MSc students will also be able to:</b> 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). The Post Graduate Certificate in Patient Assessment and Management is undertaken in full time mode over an academic year

### 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, including the research dissertation.

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 point

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

#### MSc Advanced Paramedic Practice (Critical Care)

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.

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

Part-time

### Entry point

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 Patient Assessment and Management,

To attain the **PgCert Patient Assessment and Management** requires 60 credits and successful completion of:

- 60 credits from the core (CCP) modules;

### Mode of Study

Full time

### Entry point

Semester A

## Compulsory Modules

### Module Title

	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Research Methods or	7HSK0065	15	English	0	50	50	A
Research Methods distance learning	7HSK0122	15	English	0	50	50	B
Research Investigation	7HSK0063	45	English	0	100	0	ABC, BCA
<b>Inter Professional Modules</b>							
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
Pain Mechanisms and Principles of Adult Pain Management	7HSK0221	15	English	0	0	100	B
Musculoskeletal Pathologies: Image Recognition for Healthcare Professionals	7HSK0074	15	English	0	0	100	B
Supporting Clinical Education	7HSK0201	15	English	0	75	25	AB
E-learning in the Practice Environment	7HSK0071	15	English	0	50	50	B
<b>Core Modules</b>							
Independent Professional Study 1	7HSK0210	15	English	0	100	0	A,B
Independent Professional Study 2	7HSK0211	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	30	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	30	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	60	40	BC
Assessment of Minor Injuries for Paramedics	7HKS0128	15	English	0	50	50	B
<b>Core CCP Modules</b>							
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 and Ventilation	7HSK0085	15	English	0	50	50	B
Management of the Critically ill/injured Patient	7HSK0086	15	English	0	50 P/F	50	B

**Table 1b Final and interim awards available**

The programme provides the following final and interim awards:

Final Award	Award Title	Minimum requirements	Available at end of (normally):	Programme Learning Outcomes developed (see above)
Masters	MSc Paramedic Science	180 credit points including at least 150 at level 7	4 Semesters	A1,A2,A3,B1,B2,B3,B4,B5, C1,C2,C3,C4,C5,D1,D2,D3,D4
Masters	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	4 Semesters	A1,A2,A3,A4,B1,B2,B3,B4,B5,B6 C1,C2,C3,C4,C5,C6,D1,D2,D3,D4
Postgraduate Certificate	Postgraduate Certificate in Patient Assessment and Management	60 credit points of which are core CCP modules for the pathway.	1-2 Semesters	A1,A2,A4,B1,B2,B3,B4,B6, C1,C2,C3,C4,C6,D1,D2,D3,
Interim Award	Award Title	Minimum requirements	Available at end of Level	Programme Learning Outcomes developed (see above)
Postgraduate Certificate	Postgraduate Certificate in Paramedic Science	60 credit points, of which at least 30 credits are core modules for the pathway, including at least 45 at level 7 with no more than 15 can be below level 7	1-2 Semesters	A1,A2,B1,B2,B3,B4, C1,C2,C3,C4,D1,D2,D3
Postgraduate Diploma	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	A1,A2,B1,B2,B3,B4, C1,C2,C3,C4,D1,D2,D3
Postgraduate Diploma	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	A1,A2,A4,B1,B2,B3,B4,B6, C1,C2,C3,C4,C6,D1,D2,D3,

(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

<b>MSc Paramedic Science: Full time option (International option)</b>				
	Semester A	Semester B	Semester C	Credit
Year 1	Research Methods (15) Cardiology in Out-of-Hospital Care (30 Semester A and B)	Research Investigation (45) Principles & Practice of Pre Hospital Trauma (30)		120
<b>OR</b>	Research Methods (15 Sem A) Choice of Inter-professional modules (30 credits Sem A and B) Research Investigation (45 Sem B and C) Cardiology in Out-of-Hospital Care (30 Semester A and B) <b>OR</b> Principles & Practice of Pre Hospital Trauma (30 Sem B and C)			120
Year 2	Research Investigation Cont	Choice of Inter-professional modules (60 credits)		60
				Total =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.

### Programme-specific assessment regulations

The programme is compliant with the University's academic regulations (in particular, [UPR AS11](#), [UPR AS12/UPR AS13](#) and [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 all 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

## E. Management of Programme & Support for student learning

### Management

The programme is managed and administered through:

- 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.

### Support

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. Other sources of information

In addition to this Programme Specification, the University publishes guidance to registered students on the programme and its constituent modules:

- A Programme (or Student) Handbook;
- A Definitive Module Document (DMD) for each constituent module;
- A Module Guide for each constituent module.
  - University of Hertfordshire Course website:
    - <http://www.herts.ac.uk/courses/>
  - QAA Benchmark Statement website:
    - <http://www.qaa.ac.uk/publications/information-and-guidance/publication/?PubID=3093#.WJmsv1PyiUI>
    - <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>
  - 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](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>

The [A-Z of the University of Hertfordshire](#) is an introduction to the academic, social, cultural and sporting services and opportunities available at the University of Hertfordshire, and includes the Student Charter and Student Code of Conduct.

As a condition of registration, all students of the University of Hertfordshire are required to comply with the University's rules, regulations and procedures. These are published in a series of documents called 'University Policies and Regulations' (UPRs). The University requires that all students consult these documents which are available on-line, on the UPR web site, at: <http://www.herts.ac.uk/secreg/upr/>. In particular, [UPR SA07](#) 'Regulations and Advice for Students' Particular Attention - Index' provides information on the UPRs that contain the academic regulations of particular relevance for undergraduate and taught postgraduate students.

The UK Quality Assurance Agency for Higher Education (QAA) has confirmed the quality and standards of provision at the University of Hertfordshire. A key part of QAA's role is to review and report on how universities maintain their academic standards and quality, to inform students and the wider public. The team of QAA reviewers visited the University of Hertfordshire in 2015/16 and judged that its academic standards, the quality and enhancement of its students' learning experience, and the quality of information about this learning experience all meet UK expectations. In other words, the University meets national requirements for standards and quality. The QAA's report can be accessed at: <http://www.qaa.ac.uk/reviews-and-reports/provider?UKPRN=10007147#.V-KHajXy0nE>

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## G. 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.
- That applicants have successfully completed the 60 credits from the core (CCP) modules.
- Applicants normally have some relevant clinical practice experience subsequent to qualification.

The normal entry requirements for the add **PgCert Patient Assessment and Management** are:

- That applicants are registered with the HCPC as a paramedic
- The student is 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.
- If a student has successfully completed the 60 credits from the core CCP modules 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).

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 programme is subject to the University's Principles, Policies and Regulations for the Admission of Students to Undergraduate and Taught Postgraduate Programmes (in [UPR SA03](#)), along with associated procedures. These will take account of University policy and guidelines for assessing accredited prior certificated learning (APCL) and accredited prior experiential learning (APEL).

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If you would like this information in an alternative format please contact:

John Talbot [j.r.talbot2@herts.ac.uk](mailto:j.r.talbot2@herts.ac.uk)

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](mailto:aqo@herts.ac.uk)

## MSC Paramedic Science, MSc Advanced Paramedic Practice (Critical Care), Post Graduate Certificate in Patient Assessment and Management.

Table 2: Development of Intended 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
<b>Research Modules</b>																					
Research Investigation	7HSK0063	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	
<b>Interprofessional modules</b>																					
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	
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	
E-learning in the practice environment	7HSK0071	X	X			X	X	X	X				X	X	X			X	X	X	
<b>Core Modules</b>																					
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

**\* = These programme learning outcomes are only assessed in the Post Graduate Certificate in Patient Assessment and Management programmes.**

## KEY TO PROGRAMME LEARNING OUTCOMES

### Knowledge and Understanding

- A1.- The theories, principles and concepts underpinning paramedic professional practice and inter-relationships with other relevant disciplines.
- A2. - The techniques/methodologies applicable to paramedic professional practice 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.

### Intellectual Skills

- B1. - Analyse complex paramedic professional practice and evaluate 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.

### 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.

### Transferable Skills

- D1. - Engage effectively in academic and professional communication, demonstrating a range of communication skills that are appropriate to their professional activity.
- 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.
- D3. - Reflect on their own and others performance in order to improve practice.
- D4. - Contribute to the advancement of paramedic practice through innovation and clinical leadership.

## Section 2

### Programme management

<b>Relevant QAA subject benchmarking statements</b>	None
<b>Type of programme</b>	Taught Post Graduate
<b>Date of validation/last periodic review</b>	September 2013
<b>Date of production/ last revision of PS</b>	December 2013
<b>Relevant to level/cohort</b>	Entering September 2017
<b>Administrative School</b>	School of Health and Social Work

Table 3 Course structure

Course details					
Course code	Course description				JACS
<b>HHPSMMSC</b>	<b>MSc in Paramedic Science</b>				<b>B950</b>
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	
<b>HHPSCCPGC</b>		<b>PgCert Patient Assessment and Management</b>		<b>B950</b>	
Course Instances					
Instances code	Intake	Stream	Instances Year	Location:	Mode of study
PSCCPGCSEP1P	A	Patient Assessment and Management (Part-time)	1	Hatfield	Part-time

Course details					
Course code		Course description		JACS	
<b>HHPSCCMSC</b>		<b>MSc Advanced Paramedic Practice (Critical Care) – Top Up</b>		<b>N300</b>	
Course Instances					
Instances code	Intake	Stream	Instances Year	Location:	Mode of study
PSCCMTSEP1P-1 PSCCMTSEP1P-2	A	MSc Advanced Paramedic Practice (Critical Care) - top-up:	1	Hatfield	Part-time
PSCCMTSEP2P-1 PSCCMTSEP2P-2	A	MSc Advanced Paramedic Practice (Critical Care) - top-up:	2	Hatfield	Part-time
PSCCMTSEP3P-1 PSCCMTSEP3P-2	A	MSc Advanced Paramedic Practice (Critical Care) - top-up:	3	Hatfield	Part-time
PSCCMTSEP4P-1 PSCCMTSEP4P-2	A	MSc Advanced Paramedic Practice (Critical Care) - top-up:	4	Hatfield	Part-time
PSCCMTSEP5P-1 PSCCMTSEP5P-2	A	MSc Advanced Paramedic Practice (Critical Care) - top-up:	5	Hatfield	Part-time
PSCCMTJAN1P-1 PSCCMTJAN1P-2	B	MSc Advanced Paramedic Practice (Critical Care) - top-up:	1	Hatfield	Part-time
PSCCMTJAN2P-1 PSCCMTJAN2P-2	B	MSc Advanced Paramedic Practice (Critical Care) - top-up:	2	Hatfield	Part-time
PSCCMTJAN3P-1 PSCCMTJAN3P-2	B	MSc Advanced Paramedic Practice (Critical Care) - top-up:	3	Hatfield	Part-time
PSCCMTJAN4P-1 PSCCMTJAN4P-2	B	MSc Advanced Paramedic Practice (Critical Care) - top-up:	4	Hatfield	Part-time
PSCCMTJAN5P-1 PSCCMTJAN5P-2	B	MSc Advanced Paramedic Practice (Critical Care) - top-up:	5	Hatfield	Part-time