

Overview

Programme Code	35919
Programme Title	Paramedic Science
Awarding Institution	Liverpool John Moores University
Programme Type	Degree
Language of Programme	All LJMU programmes are delivered and assessed in English
Programme Leader	Kay Hughes
Link Tutor(s)	

Awards

Award Type	Award Description	Award Learning Outcomes
Target Award	Bachelor of Science with Honours - BSH	See Learning Outcomes Below

Alternate Award Names	
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External Benchmarks

Subject Benchmark Statement	UG-Paramedics (2019)
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Accreditation

Programme Accredited by

PSRB Name	Type of Accreditation	Valid From Date	Valid To Date	Additional Notes

Health and Care Professions Council, the (HCPC)	Approved by the Health and Care Professions Council (HCPC) for the purpose of providing eligibility to apply for registration with the HCPC as a paramedic.		
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Programme Offering(s)

Mode of Study, Mode of Delivery	Intake Month	Teaching Institution	Programme Length
Full-Time, Face to Face	September	LJMU Taught	3 Years

Aims and Outcomes

Educational Aims of the Programme

This programme develops learners that are fit for purpose, fit for practice and eligible to apply for registration with the HCPC. We have worked closely with partners in the practice arena to develop a quality placement circuit for our learners. The programme is underpinned by a strong foundation of theory, which underpins the practice experiences and practice learning opportunities. The programme aims:

1. Enable students to effectively manage specific groups of patients autonomously in the out of hospital setting, referring those patients who fall beyond their scope of professional practice and being able to practice within legal and ethical boundaries.
2. Develop and promote in students, the skills of critical, analytical and reflective thinking within an evidence and research based practice framework, associated with the clinical settings.
3. Promote the ethos of life-long learning and advance a sense of personal and professional responsibility and commitment to ongoing education and development.
4. Prepare learners to work effectively and competently as a member of a multi-disciplinary team and professionals from a range of clinical settings.
5. Promote effective learning in both educational and practice environments.
6. Provide opportunity for progression to masters level study.
7. Prepare learners to exercise judgment in the selection of appropriate care and treatment interventions, defining and meeting individual needs and preferences during all stages of the service user pathway.
8. Prepare learners to apply the physical, life, social, health, behavioural and clinical sciences to the delivery of care.
9. Develop and present leadership attributes including the underpinning knowledge associated with non-technical skills.
10. Enable learners to apply health informatics associated with the paramedic profession and the wider health service.
11. Prepare students to manage and understand the resilience attributes that are associated with the demands of the profession.
12. Develop and understand the principles and processes related to safeguarding across the age ranges.
13. Promote equality and diversity understanding for learners.
14. Uphold and adhere to the standards of conduct, performance and ethics highlighted by the HCPC.

Alternative Exit Award: Level 4: Certificate of Higher Education in Out of Hospital Care:

1. Demonstrate knowledge underpinning basic care
2. Identify the political and economic context of health care.
3. Demonstrate an understanding of the principles of effective communication in care.
4. Understand and apply knowledge to relevant aspects of patient assessment.
5. Show a sound knowledge of aspects of basic care.
6. Demonstrate a basic understanding of the management of self and others through effective reflective practice.
7. Demonstrate an understanding of patient assessment processes.
8. Relate an understanding of the management of self and others to its application within care delivery.
9. Apply theory to the practice of care.
10. Reflect on situations in a constructive manner.
11. Reflect how diversity is managed in all setting.
12. Apply problem solving skills to clinical cases in a simulated environment.
13. Apply principles of patient assessment.
14. Understand team working and inter-professional skills.
15. Show effective use of IT and numeracy skills.
16. Manage time and work to deadlines.
17. Demonstrate general communication and specific presentation and group interaction skills.
18. Assess and value life long learning and development.

Level 5: Diploma of Higher Education in Out of Hospital Care:

1. Demonstrate knowledge of relevant aspects of academic disciplines underpinning out of hospital care practice (Physical, life, social, health & behavioural sciences).
2. Examine the application of relevant legal/ethical concepts to out of hospital care practice.
3. Demonstrate an understanding of the principles of effective communication theory to practice.
4. Understand and apply knowledge of relevant aspe

Learning Outcomes

Code	Description
PLO1	Demonstrate knowledge of relevant aspects of academic disciplines underpinning the out of hospital practice (physical, life, social, health & behavioural sciences).
PLO2	Appraise the political and economic context in which paramedics operate.
PLO3	Demonstrate thorough patient assessment processes.
PLO4	Demonstrate all aspects of care delivery theory.
PLO5	Appraise the management of self and others to its application within care delivery.

Code	Description
PLO6	Appraise the evidence base underpinning specific skills and the application of research theory to care delivery.
PLO7	Examine developments in out of hospital care, relating this to the wider health sphere.
PLO8	Distinguish between the range of health informatics associated with the paramedic profession and the wider healthcare setting.
PLO9	Demonstrate a range of resilience attributes associated with emergency preparedness.
PLO10	Analyse and apply theory to guide clinical judgement.
PLO11	Recount, through reflection, medical and clinical cases.
PLO12	Examine the application of relevant legal and ethical concepts to out of hospital care.
PLO13	Apply problem analysis and solution focussed outcomes to practice situations.
PLO14	Critically reflect on how diversity is managed in the practice setting.
PLO15	Construct problem solving skills to the clinical setting.
PLO16	Demonstrate engagement in intellectual debate.
PLO17	Demonstrate safe practice in clinical competencies.
PLO18	Apply the principles of patient assessment.
PLO19	Demonstrate evidence based decision-making to management of patients.
PLO20	Apply team working, leadership and inter-professional skills.
PLO21	Demonstrate practice within the guidelines of the Health and Care Professions Council, assuming the responsibility and accountability necessary for public protection.
PLO22	Employ the principles of learning, teaching and assessment in the practice setting.
PLO23	Identify the political and economic context in which paramedics operate.
PLO24	Illustrate evidence based decision-making to the management of patients.
PLO25	Apply team working, leadership and inter-professional skills to the clinical situation.
PLO26	Operate effective use of IT, information management services and numeracy skills.
PLO27	Demonstrate an ability to work cooperatively, independently and autonomously.
PLO28	Demonstrate presentation and group interaction skills.
PLO29	Appraise and value life long learning and development.
PLO30	Critically apply and debate research and enquiry skills to clinical decision making.
PLO31	Demonstrate effective and consistent achievement of deadlines.
PLO32	Assess and critically analyse life long learning and development.

Code	Description
PLO33	Apply decision making and autonomous practice skills in the clinical setting.
PLO34	Demonstrate principles of effective communication theory within professional practice.
PLO35	Demonstrate effective use of IT, formation management services and numeracy.
PLO36	Differentiate knowledge of relevant aspects of patient assessment.
PLO37	Employ knowledge of care delivery and the theory underpinning that care.
PLO38	Demonstrate a the management of self and others through effective, reflective practice.
PLO39	Identify health promotion and accident prevention strategies within the context out of hospital care.
PLO40	Assess relevant aspects of academic disciplines underpinning the sphere of activity within physical, life, social, health and behavioural sciences.

Programme Structure

Programme Structure Description

Students joining the programme at level 4 during 2020/21 Academic year will complete the following modules: Level 4: 4000PM, 4001PM, 4004PM, 4005PM, 4007PM, 4008PM, 4009PM. Level 5: 5000PM, 5001PM, 5004PM, 5005PM, 5007PM, 5008PM, 5009PM. Level 6: 6001PM, 6002PM, 6004PM, 6005PM, 6011PM. The programme has two alternative exit awards. The awards are not recognised by the Health and Care Professions Council (HCPC) and can not be used as eligibility to apply for registration as a paramedic. Alternative exit awards: Level 4: Certificate of Higher Education in Out of Hospital Care. Level 5: Diploma of Higher Education in Out of Hospital Care. Recognition of Prior (Experiential) Learning (RPEL) can be considered on application. A student who would meet the requirements for an aegrotat award and to be considered at the assessment board, would not be offered the award due to the PSRB requirements in that such a candidate would not be eligible to register with the HCPC.

Programme Structure - 360 credit points	
Level 4 - 120 credit points	
Level 4 Core - 120 credit points	CORE
[MODULE] 4000PM Structure and Function of the Human Body Approved 2022.01 - 20 credit points	
[MODULE] 4001PM Foundations of Communication and Professionalism Approved 2022.03 - 10 credit points	
[MODULE] 4004PM Perspectives of Health Approved 2022.02 - 10 credit points	
[MODULE] 4005PM Anatomy and Physiology in Health and Illness Approved 2022.01 - 20 credit points	
[MODULE] 4007PM Illness, Diagnosis and Treatment Approved 2022.01 - 20 credit points	
[MODULE] 4010PM Paramedic Practice Approved 2022.01 - 40 credit points	
Level 5 - 120 credit points	
Level 5 Core - 120 credit points	CORE
[MODULE] 5000PM Research Methodologies for Paramedics Approved 2022.01 - 10 credit points	
[MODULE] 5001PM Pathophysiology Approved 2022.01 - 20 credit points	
[MODULE] 5004PM Promoting Professional Values Approved 2022.02 - 10 credit points	
[MODULE] 5005PM Applied Pharmacology for Paramedics Approved 2022.03 - 20 credit points	
[MODULE] 5007PM Clinical Examination, Assessment and Decision Making Approved 2022.01 - 20 credit points	
[MODULE] 5010PM Advanced Practice Approved 2022.02 - 40 credit points	
Level 6 - 120 credit points	
Level 6 Core - 120 credit points	CORE
[MODULE] 6001PM Enhanced Clinical Skills Approved 2022.01 - 20 credit points	
[MODULE] 6002PM Expanding Research in Paramedic Practice Approved 2022.01 - 20 credit points	
[MODULE] 6004PM Dissertation Approved 2022.02 - 40 credit points	
[MODULE] 6005PM Leadership as a Practice Educator Approved 2022.01 - 20 credit points	
[MODULE] 6011PM Paramedic Approach within an Integrated Urgent Care Service Approved 2022.01 - 20 credit points	

Module specifications may be accessed at <https://proformas.ljmu.ac.uk/Default.aspx>

Approved variance from Academic Framework Regulations

Variance

The following variances, apply to the programme: 1) 4010PM and 5010PM are 40 credit modules and are delivered year-long (Approved 04/04/22) 2) Students cannot be given a third attempt at the practice component (Practice Learning Assessment Document) in 4010PM, 5010PM and 6001PM. Students can be considered for a third attempt for the OSCE examination component in 4010PM, 5010PM and the Viva assessment in 6001PM. Students awarded a fail grade for both attempts at the practice component in 4010PM, 5010PM and 6001PM will be discontinued from the programme.(Approved 04/04/22)

Teaching, Learning and Assessment

A range of teaching and learning methods will be used throughout the programme. These include formal lectures, tutorials and seminars in groups and as individuals. Other methods include, portfolio construction, electronic discussion boards, distance learning material, unit workbooks, role play, group discussion, interactive web based design, subject activity exercises and problem based learning. Practical demonstrations and simulation, whilst learners are in the university, form a major aspect of the learning strategy. Formal learning time and development, in a variety of practice based learning environments will underpin and connect the theory and practice. Assessment methods are varied and learning through assessment plays a significant part in learner development. Assessments include: examinations, formal essays, case studies, research critique, reflective narratives, submission of clinical notes, development of reflective portfolios, examinations, practice based assessment of skills, clinical assessments, presentations, poster presentations and reports. In the clinical settings a range of skills will be developed with the learner and opportunities for practice and assessment will follow. A number of skills will be assessed in the classroom using observed structured clinical examinations (OSCE's).

Opportunities for work related learning

Work based learning is an essential part of this programme. Practice learning will be in approved environments and supported by appropriately prepared mentors and practice educators. Students will have the opportunity to work on practical placements across a wide range of settings, both inside and outside hospitals and in both the NHS and Independent Sector.

Entry Requirements

Type	Description
NVQ	Are Level 3 NVQs acceptable? Not Acceptable

GCSEs and equivalents	<p>Prior to application applicants must have obtained grade 4 or grade C or above in English Language, Science and Mathematics GCSE or Welsh GCSE in Maths / The Welsh GCSE in Maths Numeracy. We will also accept the following alternative qualifications:</p> <p>Key Skills Level 2 in English/Maths</p> <p>NVQ Level 2 Functional skills in Maths and English Writing and or Reading</p> <p>Skills for Life Level 2 in Numeracy/English</p> <p>Higher Diploma in Maths/English</p> <p>Functional Skills Level 2 in Maths/English</p> <p>Northern Ireland Essential Skills Level 2 in Communication or Application of Number</p> <p>Wales Essential Skills Level 2 in Communication or Application of Number</p> <p>The Faculty of Health will accept Edge Hill University's equivalence tests in English and mathematics as an alternative to the GCSE requirements. For further information, please go to Edgehill Equivalency Tests or email edgehilltests@edgehill.ac.uk . These must be passed prior to applying to the University</p>
Access awards	<p>Access to Higher Education Diploma acceptability: Acceptable on its own and combined with other qualifications</p> <p>Further information: Access programme must be in a relevant subject area. Points can be gained from a combination of passes, merits and distinctions to a total of 120 UCAS points</p>
Welsh awards	<p>Welsh Baccalaureate: Acceptable only when combined with other qualifications</p>
BTECs	<p>National Certificate (RQF): Maximum of 20 points</p> <p>National Extended Certificate: Acceptable only when combined with other qualifications</p> <p>National Diploma (RQF): Acceptable only when combined with other qualifications</p> <p>National Extended Diploma (RQF): Acceptable on its own and combined with other qualifications</p> <p>National Extended Diploma subjects / grades required: DDM in a relevant subject area is required if no other level 3 qualifications are taken</p>

Irish awards	<p>Irish Leaving Certificate: Acceptable on its own and combined with other qualifications</p> <p>Grades / subjects required: 120 UCAS points from a minimum of 5 subjects</p> <p>FETAC acceptability: The following modules must be achieved at Distinction: Anatomy and Physiology, Human Growth and Development, Introduction to Nursing</p>
Reduced offer scheme	<p>As part of LJMU's commitment to widening access we offer eligible students entry to their chosen course at a reduced threshold between 8 and 16 UCAS points. This applies if you are a student who has experience of living in local authority care or if you have participated in one of LJMU's sustained outreach programmes such as a summer university. Please contact course enquiries for further details.</p>
Alternative qualifications considered	<p>OCR National Extended Diploma must be in a relevant subject area such as Health and Social Care, if no other qualifications taken alongside this.</p> <p>We accept Certificate of Personal Effectiveness (CoPE) and Extended Project Stand Alone qualifications. We will also accept the new Cache Level 3 Extended Diploma in Health and Social Care grade B or above, or in combination with other relevant qualifications.</p> <p>Please be advised that we do not accept BTEC or any other Level 3 qualification in Children's Play, Learning and Development.</p> <p>We want applicants to demonstrate their understanding and commitment to the profession, who will provide excellent care and treatment. We also require evidence of relevant experience in the field of health care. This may have been paid employment, voluntary or personal experience, but we will expect you to be able to communicate specific details of these caring opportunities and relate these to the role of a Paramedic and the NHS Core values.</p> <p>Applicants should demonstrate a strong desire to continually develop and improve their skills as a student and ultimately as a registered paramedic. Evidence of professional reading such as the HCPC is required and demonstrate how it fits in with the wider health service. In addition, essential aspects are excellent communication skills, good time management skills, a willingness to work flexible shift patterns.</p>

Interview required	Interview required
UCAS points	120
A levels	<p>Minimum number of A Levels required: 3</p> <p>Is general studies acceptable? Yes</p> <p>Average A Level offer: BBB</p> <p>Are AS level awards acceptable? Maximum of 20 points</p> <p>Maximum AS Level points accepted: 20</p>
IELTS	6.0 (minimum of 5.5 in each component) or equivalent English language proficiency test .
OCR Cambridge Technical	<p>Technical Certificate: Acceptable only when combined with other qualifications</p> <p>Technical Diploma: Acceptable only when combined with other qualifications</p> <p>Technical Extended Diploma: Acceptable on its own in a relevant subject area</p> <p>Technical Foundation Diploma: Acceptable only when combined with other qualifications</p> <p>Technical Introductory Diploma: Acceptable only when combined with other qualifications</p> <p>Technical Subsidiary Diploma: Acceptable only when combined with other qualifications</p>
T levels	T Level requirements: Merit grade in a health/health science/science based subject
International Baccalaureate	<p>International Baccalaureate: Acceptable on its own and combined with other qualifications</p> <p>Additional information: 120 UCAS points required</p>

Extra Entry Requirements

Is a DBS check required?

Yes

