

Apprenticeship Specification

Apprenticeship Summary Information		
1	Apprenticeship Title	BSc (Hons) Paramedic Science (Full Time Integrated Degree Apprenticeship)
2	BCU Apprenticeship Course Code	US1494
3	Awarding Institution	Birmingham City University
4	Teaching Institution(s)	Birmingham City University
5	Professional Statutory or Regulatory Body (PSRB) accreditation (if applicable within the Apprenticeship Standard)	Institute for Apprenticeships and Technical Education (IfATE) (ST0567) The Health and Care Professions Council (HCPC)

6	Apprenticeship Description (Marketing text for website)
	<p>The BSc (Hons) Paramedic Science (Full Time Integrated Degree Apprenticeship) will develop your theoretical knowledge and practical skills within both the university and clinical practice environment. To be a paramedic the learner must be able to overcome challenges, show initiative and demonstrate critical thinking. This apprenticeship will equip the learner with the knowledge, skills and behaviours required to rise to these challenges, whilst developing your communication skills and knowledge.</p> <p>This apprenticeship has been developed in collaboration with employers within the region and beyond and complies with the Health and Care Professions Council (HCPC) Standards of Education and Training (2022) and the College of Paramedics Curriculum Guidance (2017), which makes the learner eligible to apply for registration with the (HCPC) upon successful completion of the apprenticeship</p> <p>All modules provide a balance between theory and practical application and provide the opportunity for the learner to reflect and apply context to their on the job learning. All modules deliver a diverse range of taught content, where learners explore key legalisation, guidelines and standards that influence paramedic practice, in a range of clinical contexts, with diverse service users' groups, conceptualising British values. The course and module content is designed to develop learners literacy skills through academic writing, at level 4, 5 and 6 alongside numeracy skills through drug calculations and interpretation of physiological results and research findings. This apprenticeship is designed to be a catalyst for learners to apply for registration with the HCPC and develop a successful career as a paramedic</p> <p>Where and how will I study? As an apprentice, the learner will be released by your employer to study part-time at university while having exposure to a range of practice placement settings. In university, the learner will experience a mixture of face-to-face and virtual teaching, self-directed study, and practice-based clinical placements. On the job, the learner will engage with practice partners and service users to learn the knowledge, skills and behaviours required to care for a wide range of patients in the pre-hospital environment.</p>

	Why choose us? <ul style="list-style-type: none"> • This apprenticeship will enable the learner to link theory to practice by providing relevant placements aligned to the theoretical topics. • The learner will be taught by a team of registered professionals who are current in both their clinical practice and knowledge of educational concepts, as well as actively participating in the development of the profession. • The learner will study in the contemporary, state of the art Edgbaston campus, dedicated to delivering the education of Health, Education and Life Sciences learners. • The apprenticeship is validated by the Health and Care Professions Council (HCPC), meaning on graduation the learner will be eligible to apply for professional registration, enabling the learner to seek employment as a paramedic. • The learner will have the opportunity to develop the skills needed to get a head start when applying for jobs, but we offer something extra too – the Birmingham City University (BCU) Graduate+ award scheme. This unique programme gives the learner the chance to develop valuable skills outside of the classroom. We award points for a range of Graduate+ activities and these can go towards a final Graduate+ award in bronze, silver and gold award categories
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7	Apprentice Awards		
7a	Apprenticeship Final Award (awarded by End Point Assessment Organisation)	Level	Credits Awarded
	BSc (Hons) Paramedic Science Degree Apprenticeship (Eligible to apply for professional registration with HCPC)	Level 6	360
7b	n/a		
7c	BSc (Hons) Paramedic Science Degree Apprenticeship	Level 6	360
7d	University Exit Awards and Credits Awarded (where applicable)		
	Cert HE Studies in Healthcare (Not eligible for professional registration)	Level 4	120
	DipHE Studies in Healthcare (Not eligible for professional registration)	Level 5	240
	BSc Studies in Healthcare (Not eligible for professional registration)	Level 6	300
	BSc (Hons) Studies in Healthcare (Not eligible for professional registration, awarded if zero-credit practice modules are not successfully completed)	Level 6	360

8	Variations from the University Regulations		
	<ol style="list-style-type: none"> 1. For modules with more than one item of assessment, all items of assessment must be passed in order to pass the module. 2. The practice element of each zero-credit clinical practice module must be passed before commencing the practice element of the succeeding practice module. 3. Compensation of marginally failed modules is not permitted. 4. Due to limited placement capacity, where learners are repeating a stage of study and have previously passed the placement module, they will not repeat the placement or its assessment. 5. Where a learner has failed a practice assessment in placement, any offer of a repeat of the stage will be contingent on the availability of an employer work placement and will 		

	<p>take place at the next available opportunity, which will not necessarily be in the following academic year.</p> <p>Apprenticeships adhere to University academic regulations for University awards offered within apprenticeship training. Where Department for Education (DfE) regulations specify an alternative requirement for apprenticeship training management, this takes precedence. This is a requirement of the University registration with the DfE as an apprenticeship training provider and receipt by the University of individual apprenticeship funding.</p>
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9	Delivery Patterns		
Mode(s) of Study	Location(s) of Study	Duration of Study	Code(s)
Apprenticeship	City South	3 years	US1494

10	Entry Requirements	
	Home:	The admission requirements for this apprenticeship are stated on the course page of the BCU website at https://www.bcu.ac.uk/ or may be found by searching for the course entry profile located on the UCAS website.
	Other information:	<p>The University operates a Recognition of Prior Learning (RPL) process that enables all applicants to gain recognition for previous studies and learning that relate to the course being applied for.</p> <p>Places are subject to an Enhanced Disclosure and Barring Service check and Occupational Health Clearance. These must be obtained within the first 8 weeks of the apprenticeship. After the initial check, each year apprentices will be required to self-declare and re-enrol.</p>

11	Apprenticeship Aims
	This apprenticeship aims to modernise Paramedic Practice education and widen participation through inclusivity, giving the learner the confidence to enter the pre-hospital care workforce with the knowledge, skills and behaviour required as an HCPC registered Paramedic to work in the Ambulance Service and many other healthcare settings.

12	Apprenticeship Learning Outcomes
<i>Knowledge and understanding</i>	
1	Develop sound academic knowledge by becoming critical, rational, and innovative thinkers.
2	Recognise the need to be critically reflective utilising wide ranging contemporary knowledge which is evidence based.
3	Ensure the need to practice in a non-discriminatory manner, understanding the impact of equality and diversity on practice
<i>Skills and other attributes</i>	
4	Possess excellent communication, team working and leadership skills to promote multi-professional working.
5	Gain skills required for active continual professional development and life-long learning within the professional world of paramedic practice and the wider NHS.
6	Gain and apply skills, behaviours, attitudes and attributes required for successful working in the prehospital environment and working with other health care professionals.

7	Be a competent and an autonomous practitioner who is able to deliver high quality patient care that is evidence based.
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13	Level Learning Outcomes
	<i>Upon completion of Level 4 / the Certificate of Higher Education, learners will be able to:</i>
1	Identify underlying principles of professional and safe pre-hospital care
2	Work alongside and communicate with others to deliver effective and safe patient care
3	Identify key functions of the human body and deviations from the norm
4	Utilise appropriate academic writing and referencing
	<i>Upon completion of Level 5 / the Diploma of Higher Education, learners will be able to:</i>
1	Utilise evidence to support research planning and clinical practice
2	Explore the pathophysiology of a range of conditions and apply these principles to differing age and diverse service user groups
3	Demonstrate development towards autonomous clinical practice
4	Show critical thinking skills within academic writing and referencing
	<i>Upon completion of Level 6 / the Bachelor's Degree, learners will be able to:</i>
1	Demonstrate autonomous and safe clinical practice using critical thinking, decision making and alternative pathways
2	Analyse evidence underpinning leadership, management, and paramedic practice
3	Undertake an independent substantial piece of academic work

14	Apprenticeship Learning, Teaching and Assessment Strategy (including off the job training)
	<p>The learning, teaching and assessment methods have been designed to respect the diversity of the learner, enable participation, and encourage engagement throughout the apprenticeship to enhance the learner's experience and employability.</p> <p>Off the job learning:</p> <p>A variety of teaching and learning methods will be utilised across all three years to allow the learner to fulfil their potential and learn theoretical aspects of Paramedic Practice alongside developing clinical and decision-making skills. Methods utilised, will include for example a blend of formal lectures (face-to-face and virtual), simulations and scenario-based experiences, clinical skills workshops, key-note lectures, inquiry-based learning, and self-directed study. The teaching and learning strategies are also supported using Birmingham City University's virtual learning environment (Moodle) as well as secure online communication platforms such as Microsoft Teams.</p> <p>Assessment:</p> <p>The assessments have been designed to be inclusive and varied to enable all learner s to engage and achieve. The work will be assessed using a mix of methods depending on the module or area of study and will include assessments such as: written exams, oral presentations, written assignments, and clinical skills assessments. The range of assessment methods is chosen to not only indicate a level of achievement but to also develop and demonstrate a range of skills transferable to the modern healthcare environment including reflection, oral and written communication, confidence and competence in care delivery and the ability to research, appraise and evaluate evidence. It is anticipated that the development of</p>

transferable skills will enhance your employability on graduation and provide a sound foundation for future professional development.

Formative learning allows for feedback as part of a continuous process and the learner will be provided with opportunities for formative learning through for example, micro teaching sessions, Moodle quizzes and action learning sets and draft submissions of written work. Employability is integral to the apprenticeship: Intermediate and Advanced Life Support as well as the BCU Graduate+ scheme are embedded within the apprenticeship. These provide a unique opportunity to develop valuable skills outside of the classroom.

On the job learning:

The employer is responsible for ensuring that the apprentice has access to the appropriate range of clinical experiences to meet the standards of proficiency required by the HCPC upon registration. The learner will have the opportunity to learn with and from other professional colleagues and will be allocated the relevant level of supervision aligned to your year group. In the first year, the learner will receive guided participation under direct supervision moving to active participation with minimal guidance in the second year. In the final year, the learner will practice independently with minimal supervision. Work-based assessment will be undertaken by clinical learning facilitator (CLF) who will provide appropriate support for work-based learning as well as formative learning such as simulation and clinical skills delivery in specialist areas.

15	Apprenticeship Requirements																								
15a	<p>Training/Academic Requirements</p> <p>Level 4:</p> <p><i>To complete this course a learner must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table><tr><th>Module Code</th><th>Module Name</th><th>Credit Value</th></tr><tr><td>TBC</td><td>Introduction to Paramedic Skills and Concepts</td><td>40</td></tr><tr><td>TBC</td><td>Academic Skills and Understanding Risk</td><td>20</td></tr><tr><td>TBC</td><td>Bioscience for Paramedic Apprentices</td><td>20</td></tr><tr><td>TBC</td><td>Becoming a Professional</td><td>20</td></tr><tr><td>TBC</td><td>Person Centred Care in Paramedic Practice</td><td>20</td></tr><tr><td>TBC</td><td>Clinical Practice Placement in Paramedic Science Stage 1</td><td>0</td></tr></table> <p>Level 5:</p> <p><i>To complete this course a learner must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table><tr><th>Module Code</th><th>Module Name</th><th>Credit Value</th></tr></table>	Module Code	Module Name	Credit Value	TBC	Introduction to Paramedic Skills and Concepts	40	TBC	Academic Skills and Understanding Risk	20	TBC	Bioscience for Paramedic Apprentices	20	TBC	Becoming a Professional	20	TBC	Person Centred Care in Paramedic Practice	20	TBC	Clinical Practice Placement in Paramedic Science Stage 1	0	Module Code	Module Name	Credit Value
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PAR5026	Developing Paramedic Skills and Concepts	40
PAR5028	Knowledge of Research to Inform Practice	20
PAR5029	Applied Pathophysiology for Paramedic Apprentices	20
PAR5030	Understanding Needs Across the Lifespan	20
PAR5031	Care Needs of Diverse Service Users	20
PAR5027	Clinical Practice Placement in Paramedic Science Stage 2	0

Level 6

To complete this course a learner must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
PAR6018	Enhancing Paramedic Skills and Concepts	40
PAR6017	Extended Project	40
PAR6015	Urgent and Unscheduled Care	20
PAR6019	Management and Leadership in Paramedic Practice	20
PAR6016	Clinical Practice Placement in Paramedic Science Stage 3	0

Progression to Gateway:

Learners must have achieved all requirements to progress to gateway:

- Employer and HCPC Approved Education Provider are satisfied the apprentice has consistently demonstrated they meet the KSBs of the occupational standard.
- Achieved all required modules from: o BSc (Hons) Paramedic Science (Integrated Degree Apprenticeship) approved by the Health and Care Professions Council (HCPC
- Achieved Level 3 Certificate in Emergency Response Ambulance Driving Course. The apprentice must have achieved English and maths qualifications in line with the apprenticeship funding rules.
- Achieved English and mathematics at level 2
- Achieved all required modules, taking into account any recognition of prior learning (RPL) of the Paramedic degree but before the Approved Education Provider's examination board
- Practice Assessment Document (PAD) completed and signed-off by their practice and academic assessor

For a full list of requirements please review the IFATE website: [st0567 paramedic l6 epa for-publication_22062023.pdf \(instituteforapprenticeships.org\)](https://www.instituteforapprenticeships.org/publication/22062023.pdf)

Once learners have achieved this Gateway progression reviews are held, between the learner, employer, and training provider with relevant documentation discussed and signed, ready for EPA.

Integrated End Point Assessment: End point assessment is integrated within the apprenticeship meaning EPA starts with the progression award board, at the end of year three, once learners have successfully completed gateway requirements, the End point Assessment

Organisation (EPAO) will then ratify results allowing learners to be awarded. Once completed the training provider will submit the required documentation to the HCPC, which learners will apply to separately once they achieved a pass, for their registration.

15b Structure Diagram

Level 4

SEMESTER ONE	SEMESTER TWO
Core Bioscience for Paramedic Apprentices (20 credits) Academic Skills and Understanding Risk (20 credits)	Core Becoming a Professional (20 credits) Person Centred Care in Paramedic Practice (20 credits)
Core Clinical Practice Placement in Paramedic Science Stage 1 (0 credits) Introduction to Paramedic Skills and Concepts (40 credits)	

Level 5

Core	Core Understanding Needs Across the Lifespan (20 credits) Care Needs of Diverse Service Users (20 credits)
Core Knowledge of Research to Inform Practice (20 credits) Applied Pathophysiology for Paramedic Apprentices (20 credits) Clinical Practice Placement in Paramedic Science Stage 2 (0 credits) Developing Paramedic Skills and Concepts (40 credits)	

Level 6

Core	Core Management and Leadership in Paramedic Practice (20 credits)
Core Urgent and Unscheduled Care (20 credits) Clinical Practice Placement in Paramedic Science Stage 3 (0 credits) Enhancing Paramedic Skills and Concepts (40 credits) Extended Project (40 credits)	

16 Overall Learner Workload and Balance of Assessment
Level 4
Workload

Activity	Number of Hours
Scheduled Learning	242
Directed Learning	508
Private Study	450
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	40%
Exam	40%
In-Person	20%

Level 5
Workload

Activity	Number of Hours
Scheduled Learning	272
Directed Learning	328
Private Study	600
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	63%
Exam	12%
In-Person	25%

Level 6
Workload

Activity	Number of Hours
Scheduled Learning	162
Directed Learning	252
Private Study	786
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	50%
Exam	N/A
In-Person	50%