

Indicative content

Year 1

| Module | Indicative content |
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| Induction Week | <ul style="list-style-type: none"> • Academic writing • Study skills • Pebblepad • Student support • Student's union • All mandatory/statutory e-learning |
| Human Sciences 1 (HS1) 20 credits | <ul style="list-style-type: none"> • Introduction to the body • Skeletal system: anatomy, bone growth and development, joints, fractures, skeletal conditions • Cardiovascular system: anatomy of the heart, the blood and blood vessels, ACS, blood pressure regulation and hypertension, shock, blood grouping blood clotting, introduction to ECG theory, • Respiratory system: respiratory anatomy, oxy-haemoglobin dissociation curve, acid-base balance and buffer systems, acid-base disorders, respiratory conditions, gaseous laws, internal and external respiration, arterial blood gases • Nervous system: anatomy, physiology, action potential generation, neurophysiology, pain generation and management, neuro conditions |
| Work Based Learning – Paramedic Level 4 (WBL4) 40 credits Across Semesters 1 & 2 | <ul style="list-style-type: none"> • CRT & Manual Handling • ILS – Adult & Paediatric • Introduction to: <ul style="list-style-type: none"> • law, ethics & Human factors in healthcare • evidence based practice • reflective practice • clinical decision making • Foundations of Medical and trauma assessment across the lifespan • Kit familiarisation & Clinical Skills |
| Foundations for Effective Collaborative Practice (FECP) 20 credits | <ul style="list-style-type: none"> • Interprofessional and collaborative practice • Communication • Professionalism • Reflection • Policy • Diversity and ethical service user and carer-centred care • Self-assessment and continued professional development • Reflection • Child and adult safeguarding |
| Human Sciences 2 (HS2) 20 credits | <ul style="list-style-type: none"> • Resistance and immunity • Conditions of the immune system • The endocrine system: anatomy, physiology, endocrine conditions • The digestive system: anatomy, physiology, digestive conditions • The urinary system: anatomy, physiology, urinary conditions • The reproductive system: anatomy, physiology, conditions • The integumentary system: anatomy, physiology |
| Human Growth and Development across the Lifespan (HGD) 20 credits | <ul style="list-style-type: none"> • Nutrition • Genetics • EoLC • Death and dying across the age spectrum • Breaking bad news • Older people and dementia • Learning disabilities • SIDS • Mental health including common conditions • Communication skills across the lifespan |

Year 2

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| <p>Pharmaceutical Science for Pre-Hospital Practice (PSPHP) 20 credits</p> | <ul style="list-style-type: none"> • Pharmacokinetics • Pharmacodynamics • Legalities • JRCALC drugs • Patient medications • Polypharmacy • OTC, Recreational/illegal drugs and alcohol dependency/abuse |
| <p>Public Health and Wellbeing (PHW) 20 credits</p> <p>Semesters 1</p> | <ul style="list-style-type: none"> • Introduction to psychology • Introduction to sociology • Introduction to social policy • Social aspects of health (demographics, understanding disease and socio-economic class) • Theories of health and wellbeing • Every contact counts • Understanding behavioural reactions to illness and disease • The law and the paramedic • Ethical frameworks in healthcare • Professionalism and professional registration • Service User engagement |
| <p>Work Based Learning – Paramedic Level 5 (WBL5) 40 credits</p> <p>Across Semesters 1 & 2</p> | <ul style="list-style-type: none"> • Trauma Management • Majax • Paramedic Clinical Skills • Advanced ECGs Recognition • Cardiovascular conditions including cardiovascular disease and CVA • ALS • Medical management • Appropriate Pharmacological intervention |
| <p>Developing Capability for Effective Collaborative Practice (DCECP) 20 credits</p> | <ul style="list-style-type: none"> • Interprofessional and collaborative practice • Reflection • Self-assessment and continuing professional development • Evaluation of the service environment and identification of the contemporary policy drivers for collaborative practice and integrated service delivery • Factors and processes that promote interprofessional and collaborative practice which promote the creation of safe and effective services • |
| <p>Pre-Hospital Paediatric, Obstetrics and Gynaecology Management (PHPOG) 20 credits</p> | <ul style="list-style-type: none"> • Paediatrics • PALS (old 2B content) • Gynaecological conditions • Maternity and obstetrics • Complications of maternity • Medical management • Paediatric Skills & Trauma Management • |

Year 3

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| <p>Developing Practice and Peer Education (DPPE) 20 credits</p> | <ul style="list-style-type: none"> • Coaching • Practice education • Preceptorship • Learning theories – models and application • Leadership & Management theories – models and application • Teamwork and motivation • Resilience & Wellbeing • Preparation for registration |
| <p>Research and Evidence Based Practice (REBP) 20 credits</p> | <ul style="list-style-type: none"> • Literature searching • Writing a literature review • Quantitative research methodologies • Qualitative research methodologies • Gathering primary data and data collection • Data analysis • Statistical analysis • Critical appraisal |
| <p>Work Based Learning – Paramedic Level 6 (WBL6) 40 credits Across Semesters 1 & 2</p> | <ul style="list-style-type: none"> • Medical model of assessment • The eye including assessment • The ear including assessment • Integumentary conditions • Managing acute and chronic conditions • Co-morbidities • Childhood illnesses • Cranial nerves assessment • Abdominal assessment • Urinalysis • MSK assessment • Wound care and closure • Enhanced assessment • Dental emergencies • Health promotion (MECC) |
| <p>Enhancing Quality of Services through Effective Collaborative Practice (EQSECP) 20 credits</p> | <ul style="list-style-type: none"> • Quality improvement methodology and evaluation • Leadership and entrepreneurial skills for collaborative service development • Role clarification and appreciation of others • Service user and carer involvement • Reflection and consolidation of interprofessional capability • Contemporary policy drivers for integrated services and collaborative working |
| <p>Advancing Pre-Hospital Critical and Emergency Care (APHCEC) 20 credits</p> | <ul style="list-style-type: none"> • Advanced Diagnostic skills • Advanced Clinical procedures • Advanced Pharmacological intervention • Future-proofing paramedic practice • Continual professional development |