**Programme Specification – 2016/17**

1. **Awarding body**  
   University of Surrey

2. **Teaching institution (if different)**  
   NA

3. **Final award and programme/pathway title**  
   BSc (Hons) Paramedic Science

4. **Subsidiary award(s) and title(s)**  
<table>
<thead>
<tr>
<th>Award</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc</td>
<td>(Ord)</td>
</tr>
<tr>
<td>Dip HE</td>
<td></td>
</tr>
<tr>
<td>Cert HE</td>
<td></td>
</tr>
</tbody>
</table>

5. **FHEQ Level**  
   4, 5 and 6

6. **Credits and ECTS credits**  
   360 UK credits, 180 ECTS credits

7. **Name of Professional, Statutory or Regulatory Body (PSRB)**  
   Health and Care Professions Council (HCPC)

8. **Mode of study and route code**  
<table>
<thead>
<tr>
<th>Mode of study</th>
<th>Route code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>Y</td>
</tr>
<tr>
<td>Full-time with PTY</td>
<td>N</td>
</tr>
<tr>
<td>Part-time</td>
<td>N</td>
</tr>
<tr>
<td>Distance learning</td>
<td>N</td>
</tr>
<tr>
<td>Short course</td>
<td>N</td>
</tr>
</tbody>
</table>

9. **JACs code**

10. **QAA Subject benchmark statement (if applicable)**  
    Paramedic Science

11. **Other internal and / or external reference points**  
    NA

12. **Faculty and Department/School**  
    Faculty of Health and Medical Sciences; School of Health Sciences

13. **Programme Leader**  
    Andi Sambrook

14. **Date of production/revision of the specification**  
    July 2016

15. **Educational aims of the programme**

    These aims have been derived from recommendations made by the College of Paramedics in the Curriculum Framework for Ambulance Education (2008). The programme aims to:
    - Enable students to achieve the proficiencies as laid down by the Health and Care Professions Council (HCPC 2012)
    - Develop the students’ knowledge and understanding of the principles of paramedic practice
    - Ensure that students demonstrate safe clinical practice and accuracy when working alone or as a member of a team
    - Ensure the students are prepared to examine and assess patients’ acute and chronic conditions and to be able to record and evaluate an individual’s full medical, social and familial history
    - Develop the students’ understanding of research methodology, governance and clinical audit basing their practice on the best evidence available
    - Ensure the students are prepared to deliver care in a proficient, co-ordinated and confident manner
    - Develop the capacity to demonstrate accountability in use of professional judgement and clinical experience to recommend and instigate care plans, which are based on traditional or diverse routes of hospital treatment and or admission, to ensure specific patient needs are effectively met
    - Develop the students’ ability to demonstrate leadership and clinical reasoning as a member of a multi-disciplinary team
    - Develop the capacity to evaluate their own performance and the performance of peers identifying
strengths and weaknesses through reflection and mentorship

- Demonstrate a commitment to lifelong learning

16. Programme learning outcomes – the programme provides opportunities for students to develop and demonstrate knowledge and understanding, skills, qualities and other attributes in the following areas:

<table>
<thead>
<tr>
<th>Knowledge and understanding</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BSc (Hons) Paramedic Science</strong></td>
</tr>
<tr>
<td>- Apply a sound understanding of biological, psychological and social factors impacting upon patients and their families/carers across the life span while assessing, planning, delivering and evaluating care</td>
</tr>
<tr>
<td>- Demonstrate understanding of the appropriate provision of paramedic intervention in a variety of emergency and non-emergency settings</td>
</tr>
<tr>
<td>- Appraise personal and professional limitations in the scope of own professional practice</td>
</tr>
<tr>
<td>- Critically review own practice in the light of ongoing feedback</td>
</tr>
<tr>
<td>- Discuss and critically reflect on professional action individually and as a member of a multi-disciplinary team</td>
</tr>
<tr>
<td>- Critically appraise research evidence to improve and implement effective paramedic practice</td>
</tr>
</tbody>
</table>

**BSc (Ord) Health Care**

- Apply a sound understanding of biological, psychological and social factors impacting upon patients and their families/carers across the life span while assessing, planning, delivering and evaluating care
- Demonstrate understanding of the appropriate provision of paramedic intervention in a variety of emergency and non-emergency settings
- Appraise personal and professional limitations in the scope of own professional practice
- Critically review own practice in the light of ongoing feedback
- Discuss and critically reflect on professional action individually and as a member of a multi-disciplinary team

**Diploma of Higher Education in Health Care**

- Apply an understanding of biological, psychological and social factors impacting upon patients and their families/carers across the life span while assessing, planning, delivering and evaluating care
- Demonstrate understanding of the appropriate provision of paramedic intervention in a variety of emergency and non-emergency settings
- Appraise personal and professional limitations in the scope of own professional practice
- Review own practice in the light of ongoing feedback
- Discuss and critically reflect on professional action individually and as a member of a multi-disciplinary team
- Appraise research evidence to improve and implement effective paramedic practice

**Certificate of Higher Education Health Care**

- Apply an understanding of biological, psychological and social factors impacting upon patients and their families/carers across the life span
- Demonstrate understanding of the appropriate life threatening patient presentations and the provision of paramedic intervention in a variety of emergency and non-emergency settings
- Appraise personal and professional limitations in the scope of own professional practice
- Review own practice in the light of on-going feedback
- Discuss and reflect on professional action individually and as a member of a multi-disciplinary team

Intellectual / cognitive skills
**BSc (Hons) Paramedic Science**
- Critically appraise own values, perceptions, thoughts and action, and the ways in which these may influence the clinical situation
- Critically evaluate the effectiveness of own learning strategies
- Use diagnostic and creative skills in relation to clinical decision making and risk assessment
- Consolidate practice experience to develop strategies necessary for evaluating current practice
- Use reflective learning and clinical supervision to evaluate own practice and develop accordingly

**BSc (Ord) Health Care**
- Review and appraise own values, perceptions, thoughts and action, and the ways in which these may influence the clinical situation
- Critically evaluate the effectiveness of own learning strategies
- Use diagnostic and creative skills in relation to clinical decision making and risk assessment
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- Appraise own values, perceptions, thoughts and action, and the ways in which these may influence the clinical situation
- Use diagnostic skills in relation to clinical decision making and risk assessment
- Use reflective learning and clinical supervision to evaluate own practice and develop accordingly

**Professional practical skills**

**BSc (Hons) Paramedic Science**
- Practice in an accountable manner as guided by the HCPC Code of Professional Conduct
- Manage oneself, one’s practice and that of others and so assume the responsibility and accountability necessary for public protection
- Integrate national and local standards and guidelines into emergency patient assessment and the planning and management of care
- Prioritise professional responsibilities and duty of care to ensure safe delivery and management of care
- Demonstrate the ability to meet the needs of the patients in both emergency and non-emergency settings
- Demonstrate a commitment to continuing professional development in order to enhance and innovate own practice and meet the needs of future emergency care provision
- Effectively challenge practices and devise action plans to develop/advance paramedic practice
- Use analytical, political and social skills to act as an effective leader in professional paramedic practice

**BSc (Ord) Health Care**
- Practice in an accountable manner as guided by the HCPC Code of Professional Conduct
- Manage oneself, one’s practice and that of others and so assume the responsibility and accountability necessary for public protection
- Integrate national and local standards and guidelines into emergency patient assessment and the planning and management of care
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- Practice in an accountable manner as guided by the HCPC Code of Professional Conduct
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- Demonstrate a commitment to continuing professional development in order to enhance own practice and meet the needs of future emergency care provision

**Certificate of Higher Education Health Care**
- Practice in an accountable manner as guided by the HCPC Code of Professional Conduct
- Build an awareness of managing oneself, one's practice and so assume the responsibility and accountability necessary for public protection
- Consider national and local standards and guidelines into emergency patient assessment and management of care
- Use analytical, political and social skills to act as an effective team member in professional paramedic practice

**Key / transferable skills**

**BSc (Hons) Paramedic Science**
- Undertake and analyse comprehensive sets of clinical observations/vital signs/data appropriate to the patient's condition
- Identify and access information to record and manage patient data using appropriate technologies
- Demonstrate effective and appropriate communication in a wide range of methods
- Draw upon online resources to identify and appraise evidence based practice
- Maintain a portfolio of learning experiences
- Demonstrate effective inter-personal skills through self-awareness and assertiveness
- Use critical problem solving skills to find effective solutions and identify new concepts
- Use critical evaluation to make an appropriate and effective contribution to the work of the practice setting
- Demonstrate a commitment to continuing practice development through dissemination of learning and research findings
- Demonstrate a commitment to self and others in the need for continuing professional development and personal supervision activities in order to enhance knowledge, skills, values and attitudes needed for safe and effective paramedic practice
- Be proficient in the technical aspects of care delivery within the scope of professional practice

**BSc (Ord) Health Care**
- Undertake and analyse comprehensive sets of clinical observations/vital signs/data appropriate to
Identify and access information to record and manage patient data using appropriate technologies
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Be proficient in the technical aspects of care delivery within the scope of professional practice

Diploma of Higher Education in Health Care
- Undertake and analyse comprehensive sets of clinical observations/vital signs/data appropriate to the patient’s condition
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- Demonstrate effective and appropriate communication in a wide range of methods
- Draw upon online resources to identify and appraise evidence based practice
- Maintain a portfolio of learning experiences
- Demonstrate effective inter-personal skills through self-awareness
- Begin to use problem solving skills to find effective solutions
- Demonstrate a commitment to self and others in the need for continuing professional development and personal supervision activities in order to enhance knowledge, skills, values and attitudes needed for safe and effective paramedic practice
- Develop proficiency in the technical aspects of care delivery within the scope of professional practice

17. Programme structure – including the route / pathway / field requirements, levels modules, credits, awards and further information on the mode of study.

All programmes operate on a 15 credit modular structure over two semesters. All taught modules are semester based and are worth 15 credits, which is indicative of 150 hours of learning, comprised of
student contact, private study and assessment. Project and dissertation modules can be either 15, 30, 45 or 60 credits.

This programme is studied full-time over three academic years. In order to achieve the principal award of BA (Hons) a student must complete 360 credits, 120 credits at FHEQ levels 4, 5 and 6 respectively. Students are also eligible to exit the programme with the following subsidiary awards:

- BSc (Ord) – 300 credits with a minimum of 60 credits at FHEQ level 6
- Diploma of Higher Education (Dip HE) – 240 credits with a minimum of 120 credits at FHEQ level 5
- Certificate of Higher Education (Cert HE) – 120 credits at FHEQ level 4

In order for students to progress they must achieve a minimum average of 40% and have completed all 120 credits at FHEQ levels 4, 5 and 6.

On successful completion of the BSc (Hons) Paramedic Science programme students may apply for Registration with the Health and Care Professions Council as a Paramedic, those exiting with a subsidiary award are not eligible for Registration with the HCPC.

Programme adjustments (if applicable)

In accordance with the Health and Care Professions Council requirements the students must undertake an appropriate number, duration and range of practice placements to enable them to achieve the learning outcomes.

A number of modules are across 2 semesters and outside of semester in order to accommodate the practice requirements.

<table>
<thead>
<tr>
<th>FHEQ Level 4: potential awards – Cert HE</th>
<th>Core /compulsory /optional</th>
<th>Credit volume</th>
<th>Semester (1 / 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module code</td>
<td>Module title</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR1046</td>
<td>Introduction to Practice Module 1</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR1047</td>
<td>Introduction to Practice Module 2</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR1048</td>
<td>Introduction to Clinical Practice Module 1</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR1049</td>
<td>Introduction to Clinical Practice Module 2</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR1023</td>
<td>Concepts of Caring</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR1024</td>
<td>Physical Health Sciences</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR1025</td>
<td>Understanding Research and Evidence Based Practice</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR1032</td>
<td>The Essentials of Professional Paramedic Practice</td>
<td>Core</td>
<td>15</td>
</tr>
</tbody>
</table>

How many optional modules must a student choose in order to achieve the necessary amount of credits to achieve this level? NA

<table>
<thead>
<tr>
<th>FHEQ Level 5: Potential awards – Dip HE</th>
<th>Core /compulsory /optional</th>
<th>Credit volume</th>
<th>Semester (1 / 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module code</td>
<td>Module title</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR2172</td>
<td>Developing Clinical Practice Module 1</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>Module code</td>
<td>Module title</td>
<td>Core/compulsory/optional</td>
<td>Credit volume</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------------------------------------</td>
<td>--------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>NUR2173</td>
<td>Developing Clinical Practice Module 2</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR2174</td>
<td>Advancing Clinical Practice Module 1</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR2175</td>
<td>Advancing Clinical Practice Module 2</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR2120</td>
<td>Patient Assessment</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR2107</td>
<td>Care Provision in Long Term Conditions</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR2109</td>
<td>Innovation and Leadership</td>
<td>Core</td>
<td>15</td>
</tr>
<tr>
<td>NUR2110</td>
<td>Managing Physical and Mental Health Challenges</td>
<td>Core</td>
<td>15</td>
</tr>
</tbody>
</table>

How many optional modules must a student choose in order to achieve the necessary amount of credits to achieve this level? NA

FHEQ Level 6: Potential awards – BSc (Hons) / BSc (Ord)

<table>
<thead>
<tr>
<th>Module code</th>
<th>Module title</th>
<th>Core/compulsory/optional</th>
<th>Credit volume</th>
<th>Semester (1/2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3171</td>
<td>Research for Professional Practice</td>
<td>Core</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>NUR3121</td>
<td>Pre-hospital Patient Management</td>
<td>Core</td>
<td>15</td>
<td>1</td>
</tr>
<tr>
<td>NUR3172</td>
<td>Effective Decision Making from Fundamental to Complex Care</td>
<td>Core</td>
<td>15</td>
<td>1</td>
</tr>
<tr>
<td>NUR3314</td>
<td>Clinical Leadership 1</td>
<td>Core</td>
<td>15</td>
<td>2</td>
</tr>
<tr>
<td>NUR3315</td>
<td>Clinical Leadership 2</td>
<td>Core</td>
<td>15</td>
<td>2</td>
</tr>
<tr>
<td>NUR3316</td>
<td>Consolidated Practice 1</td>
<td>Core</td>
<td>15</td>
<td>2 and out of semester</td>
</tr>
<tr>
<td>NUR3317</td>
<td>Consolidated Practice 2</td>
<td>Core</td>
<td>15</td>
<td>2 and out of semester</td>
</tr>
</tbody>
</table>

How many optional modules must a student choose in order to achieve the necessary amount of credits to achieve this level? NA

18. Opportunities for placements / work-related learning / collaborative activity – please indicate if any of the following apply to your programme

<table>
<thead>
<tr>
<th>Item</th>
<th>Y/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Tutor(s)/Guest Speakers/Visiting Academics</td>
<td>Y</td>
</tr>
<tr>
<td>Professional Training Year (PTY)</td>
<td>N</td>
</tr>
<tr>
<td>Placement(s) (study or work that are not part of the PTY or Erasmus Scheme)</td>
<td>N</td>
</tr>
<tr>
<td>Clinical Placement(s) (that are not part of the PTY Scheme)</td>
<td>Y</td>
</tr>
<tr>
<td>ERASMUS Study (that is not taken during Level P)</td>
<td>N</td>
</tr>
<tr>
<td>Study exchange(s) (that are not part of the ERASMUS Scheme)</td>
<td>N</td>
</tr>
<tr>
<td>Dual degree</td>
<td>N</td>
</tr>
</tbody>
</table>

19. Quality assurance

The Regulations and Codes of Practice for taught programmes can be found at: http://www.surrey.ac.uk/quality_enhancement/index.htm