School of Life and Medical Sciences

Title of Programme: Cardiology and Stroke
Programme Code: LMCS

Programme Specification

This programme specification is relevant to students entering:
17 September 2018

Associate Dean of School (Academic Quality Assurance):
Philomena Shaughnessy

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Section</th>
<th>Amendment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If you have any queries regarding the changes please email AQO@herts.ac.uk
Programme Specification  Master of Science Cardiology and Stroke

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

A. Programme Rationale

The MSc Cardiology and Stroke programme has been developed in recognition of the need to expand cardiovascular knowledge and skills. It has also been written in response to national initiatives and trends, for example, the local and national emergence of specialist ‘Stroke’ and ‘Heart Attack’ centres. The technological and therapeutic advances in the treatment of cardiovascular illness places an increasing demand upon the development of knowledge, skills and clinical decision-making amongst the multi-disciplinary healthcare team.

The purpose of this award is to provide a programme for the management of cardiovascular conditions for a range of professionals who are involved in the care and support of patients with a variety of cardiovascular conditions, specifically, cardiology and stroke. This combination of cardiology and stroke in one master’s pathway is innovative in the United Kingdom, where programmes are frequently taught in separate specialities.

The established expertise of the clinicians that lead both the Cardiology and Stroke components of the programme is further supplemented by additional master class input from a range of practicing clinicians from the specialities of cardiology and from the speciality of stroke medicine.

Students will also have exposure to numerous experiential learning opportunities through cutting-edge simulation-based medical education, facilitated by experts in the field, in a purpose-built clinical simulation centre. This innovative and contemporary approach incorporates clinical human factors & ergonomics training focussed on improving clinical-decision making to promote patient safety.
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.

Additionally this programme aims to:

- Develop critical skills in the use of assessment in a range of cardiovascular conditions.
- Provide students with the requisite critical decision-making skills and management of a range of cardiovascular conditions (including pharmacological and non-pharmacological therapeutic interventions).
- Enable students to develop a critical application of knowledge, skills and best evidence, pertinent the acute phases of cardiovascular illness and subsequent rehabilitative care.
- Develop critical application of detailed and targeted investigations as a contribution to reaching an accurate diagnosis and delivery of effective care.

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.

<table>
<thead>
<tr>
<th>Knowledge and Understanding of:</th>
<th>Teaching/learning methods &amp; strategies</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1. The use of appropriate diagnostic tools to complement effective treatment of cardiovascular-related conditions.</td>
<td>Acquisition of knowledge and understanding (A1 – A5) is through a combination of lectures, seminars, small group teaching, guided online study and self-directed learning.</td>
<td>Knowledge and understanding (A1 – A5) are assessed through a combination of coursework (including essay, portfolio and project work), simulation-based examination stations and presentations with supportive material.</td>
</tr>
<tr>
<td>A2. The development of strategic, patient-centered management plans for cardiovascular conditions.</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>A3. The importance of highly developed clinical decision-making skills.</td>
<td>Work related experience will also be utilized in order to ensure that scenarios used for simulation training and education are current and based on clinical practice.</td>
<td></td>
</tr>
<tr>
<td>A4. The importance of highly developed intra and inter-disciplinary communication.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A5. The appropriate use of a broad-range of interventions (both pharmacological and non-pharmacological).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Intellectual skills - able to:</th>
<th>Teaching/learning methods &amp; strategies</th>
<th>Assessment</th>
</tr>
</thead>
</table>
B1. Critically evaluate and apply the evidence and literature base underpinning the diagnosis and management of a range of cardiovascular conditions.

B2. Critically appraise and prioritize clinical decisions in diagnosis and management in terms of their effectiveness and efficiency, maximizing appropriate resources.

B3. Critically evaluate personal performance and the performance of self and others in order to enhance professional practice, team working and patient safety.

B4. Critically evaluate research evidence in cardiovascular medicine, specifically with a view towards generating new research questions and professional perspectives.

B5. Demonstrate originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in cardiology and stroke.

Intellectual skills are developed through the methods and strategies outlined on Section A above.

Critical analysis and problem-solving skills are further developed through small group work, tutorial support and formative assessment.

Throughout, the learner is encouraged to develop intellectual skills further by independent study.

Intellectual skills are assessed through a combination of coursework (including essay, portfolio and project work).

---

<table>
<thead>
<tr>
<th>Practical skills - able to:</th>
<th>Teaching/learning methods &amp; strategies</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1. Demonstrate proficiency in the treatment of a range of cardiovascular conditions.</td>
<td>Practical skills are developed through debriefing and feedback of simulation-based practice. Students will have access to a range of technical equipment, related to cardiovascular assessment and management.</td>
<td>Practical skills are assessed through participation in part-task / complete task medical simulation events.</td>
</tr>
<tr>
<td>C2. Demonstrate proficiency in the use and interpretation of targeted echocardiography.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C3. Demonstrate proficiency in the interpretation of radiological imaging, specific to cardiovascular conditions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C4. Demonstrate ethically sound practice in relation to</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
D. Programme Structures, Features, Levels, Modules, and Credits

The programme is offered in full-time (up to 14 months) and part-time (2-5 years) modes, and leads to the award of Master of Science Cardiology and Stroke. Entry is normally at Level 7 (Masters). Intake is normally semester A (September) or Semester B (January).

Professional and Statutory Regulatory Bodies
N/A

Work-Based Learning, including Sandwich Programmes
N/A

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 identifies where each learning outcome is assessed.
### Master of Science Cardiology and Stroke

**Mode of study:** Full time; Part time  
**Entry point:** Semester A or Semester B

#### Specialist Compulsory Modules

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Credit Points</th>
<th>Language of Delivery</th>
<th>% Examination</th>
<th>% Coursework</th>
<th>% Practical</th>
<th>Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>7LMS0167</td>
<td>30</td>
<td>English</td>
<td>0</td>
<td>100</td>
<td>0</td>
<td>A, B</td>
</tr>
<tr>
<td>7LMS0168</td>
<td>30</td>
<td>English</td>
<td>0</td>
<td>100</td>
<td>0</td>
<td>A, B</td>
</tr>
<tr>
<td>7LMS0169</td>
<td>30</td>
<td>English</td>
<td>0</td>
<td>100</td>
<td>0</td>
<td>A, B</td>
</tr>
<tr>
<td>7LMS0170</td>
<td>30</td>
<td>English</td>
<td>0</td>
<td>100</td>
<td>0</td>
<td>A, B</td>
</tr>
</tbody>
</table>

Minimum 90 credits selected from:  
- Applied Critical Assessment and Investigation in Cardiology and Stroke  
  And  
- Decision Making in Cardiology and Stroke  
  And  
- Specialist Master Class in Cardiology  
  OR  
- Specialist Master Class in Stroke

And  

Plus 30 credits from Modules of Common Interest (Optional) and 60 credits from Modules of Common Interest (Compulsory)

#### Modules of Common Interest (Optional)

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Credit Points</th>
<th>Language of Delivery</th>
<th>% Examination</th>
<th>% Coursework</th>
<th>% Practical</th>
<th>Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>7LMS0159</td>
<td>30</td>
<td>English</td>
<td>0</td>
<td>100</td>
<td>0</td>
<td>A, B</td>
</tr>
<tr>
<td>7LMS0158</td>
<td>30</td>
<td>English</td>
<td>0</td>
<td>100</td>
<td>0</td>
<td>B</td>
</tr>
<tr>
<td>7LMS0157</td>
<td>30</td>
<td>English</td>
<td>0</td>
<td>100</td>
<td>0</td>
<td>A, B, C</td>
</tr>
</tbody>
</table>

#### Modules of Common Interest (Compulsory)

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Credit Points</th>
<th>Language of Delivery</th>
<th>% Examination</th>
<th>% Coursework</th>
<th>% Practical</th>
<th>Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>7LMS0162</td>
<td>30</td>
<td>English</td>
<td>0</td>
<td>100</td>
<td>0</td>
<td>A, B</td>
</tr>
<tr>
<td>7LMS0160</td>
<td>30</td>
<td>English</td>
<td>0</td>
<td>100</td>
<td>0</td>
<td>A, B, B/C</td>
</tr>
</tbody>
</table>

The award of a Master of Science Cardiology and Stroke requires 180 credit points passed at level 7, 90 credits will be taken from specialist modules and 90 credits will be taken from Modules of Common interest (both optional and compulsory).
Table 1b Final and interim awards available

The programme provides the following final and interim awards:

<table>
<thead>
<tr>
<th>Final Award</th>
<th>Award Title</th>
<th>Minimum requirements</th>
<th>Available at end of (normally):</th>
<th>Programme Learning Outcomes developed (see above)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Science</td>
<td>Cardiology and Stroke</td>
<td>180 credit points at level 7</td>
<td>3 Semesters (full-time)</td>
<td>All programme learning outcomes (see Table 2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6 Semesters (part-time)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interim Award</th>
<th>Award Title</th>
<th>Minimum requirements</th>
<th>Available at end of Level</th>
<th>Programme Learning Outcomes developed (see above)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postgraduate Certificate</td>
<td>Cardiology</td>
<td>60 credit points, including at least 45 at level 7 from Compulsory Specialist Modules. Students must also pass Specialist Master Class in Cardiology module</td>
<td>1 Semester (full-time)</td>
<td>A2, A5, B1, B4, C2, C3, C4, D1, D2,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2 Semesters (part-time)</td>
<td></td>
</tr>
<tr>
<td>Postgraduate Certificate</td>
<td>Stroke</td>
<td>60 credit points, including at least 45 at level 7 from Compulsory Specialist Modules. Students must also pass Specialist Master Class in Stroke module</td>
<td>1 Semester (full-time)</td>
<td>A2, A5, B1, B4, C4, D1, D2,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2 Semesters (part-time)</td>
<td></td>
</tr>
<tr>
<td>Postgraduate Diploma</td>
<td>Cardiology and Stroke</td>
<td>120 credit points, taken from Compulsory Specialist modules. Students must also pass Evidence Based Practice module</td>
<td>2 Semesters (full-time)</td>
<td>A1, A2, A3, A4, A5, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4 Semesters (part-time)</td>
<td></td>
</tr>
</tbody>
</table>

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 (delete as applicable) and UPR AS14) with the exception of those listed below, which have been specifically approved by the University:

- Modules with a generic focus e.g. Evidence Based Practice (7LMS0162), Healthcare Disciplines Project (7LMS0160), must relate to cardiovascular medicine, according to the discipline of the student and fulfill at least three of the overall learning outcomes of the programme.
- Students must pass all compulsory modules for the programme on which they are registered in order to obtain the relevant interim or final award.
E. Management of Programme & Support for student learning

Management

The programme is managed and administered through:

- An Associate Dean of Academic Quality Assurance
- A Head of Department
- A programme tutor who is responsible for the day to day management and admissions to the course
- A school administrator to deal with day to day administration associated with the programme
- A programme committee, the membership of which includes:
  - An admissions tutor
  - Programme leader
  - Programme administrator
  - Module leader(s)
  - Student representative(s)
  - Representative from Learning and Information Services
  - Representative(s) from practice.

Support

Students are supported by:

- A named programme leader
- Guided student-centred learning through the use of StudyNet
- Access to a range of online literature and search databases
- A range of videos intended to support learning
- The Students’ Union
- Student representatives on programme committees
- A designated programme administrator
- An induction at the beginning of the programme
- Additional English support from an English Language Department
- An extensive Learning Resources Centre, incorporating a library and computer centre
- A substantial Student Centre that provides advice on issues such as finance, University regulation, legal matters, accommodation, international student support, etc.
- Office of Dean of Students, incorporating Chaplaincy, Counselling and Nursery
- Medical Centre
- A Mathematics drop-in Centre
- A School Disabled Student Coordinator
- An Equal Opportunities Officer
- A Careers Employment and Enterprise service

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/
- 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:

- External Quality Review report website:
  http://www.qaa.ac.uk/reviews-and-reports/provider?UKPRN=10007147#.VCFXlha_hSU
- Professional or Statutory Regulatory Body information (Higher Education Academy):
  https://www.heacademy.ac.uk

- UNISTATS website:
- 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
- Information on Programme and Module External Examiners
  http://www.studynet1.herts.ac.uk/ptl/common/studentcentre.nsf/Teaching+Documents/184A221E5EECA6B780257A5C00250BA9?OpenDocument
- School Disclosure and Barring Procedure
  http://www.studynet2.herts.ac.uk/crb/co/website84.nsf/Search?openagent=null&search=dbs
- School Confidentiality Policy
  http://www.studynet2.herts.ac.uk/crb/co/website84.nsf/Search?openagent=null&search=confidentiality
- School Practice Complaints Policy
- School Fitness to Practise policy
  http://www.studynet2.herts.ac.uk/crb/co/website84.nsf/Search?openagent=null&search=fitness+to+practice

The Herts Handbook 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

Other information relevant to the programme

**Master of Science Cardiology and Stroke**

- Full attendance or online engagement is strongly encouraged, promoted through innovative timetabling and increased use of blended learning materials where appropriate but a minimum of 80% attendance is required. Attendance and engagement of students will be monitored and reported back to relevant authorities.
The full address of module short placement location (Clinical Practice in Action 7LMS0156) including postcode & phone number, supervisor name & contact details and start and & end date of the Short Placement will be provided to the University Tier 4 Compliance Team 15 working days of overseas students starting their placement.

G. Entry requirements

The normal entry requirements for the programme are:

- A degree in a healthcare discipline (or equivalent) & have a recognised professional qualification.

and

- The equivalent of 2 years Full Time post qualifying experience (excluding internship) and additionally 1 year Full Time in a substantive speciality post in cardiology / stroke

and

- Current clinical experience of a minimum of 1 year Full time or equivalent in a clinical setting with access to patients with in cardiology / stroke related conditions

- References will be required to confirm specialist experience.

Additionally:

- All students from non-majority English speaking countries require proof of English language proficiency. A minimum IELTS 6.5 is required with no less than 6.0 in each band or GCSE in English with minimum grade C.

- All students who wish to undertake an observational placement for Clinical Practice in Action (7LMS0156) as part of their programme will need a satisfactory enhanced Disclosure and Barring Service check, or provide a statement of good standing

- All visa applicants are required to submit biometrics and declare any criminal convictions in their Visa Application Form (VAF) which is routinely checked against Home Office and Police National Computer (PNC) databases on admission to the programme.

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).

If you would like this information in an alternative format please contact: **Master of Science Cardiology and Stroke**

Programme Lead: Ken Spearpoint k.g.spearpoint2@herts.ac.uk

Programme Administrator:

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.
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
MSc in Cardiology and Stroke

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.

<table>
<thead>
<tr>
<th>Knowledge and Understanding</th>
<th>Intellectual Skills</th>
<th>Practical Skills</th>
<th>Transferable Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A1</td>
<td>A2</td>
<td>A3</td>
</tr>
<tr>
<td>Applied Critical Assessment, Investigation in Cardiology &amp; Stroke</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Decision Making in Cardiology and Stroke</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Specialist Master Class in Cardiology</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Specialist Master Class in Stroke</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Core Competencies Medical Practice</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Leadership in Practice</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Work Based Learning</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Evidence Based Practice</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Healthcare Disciplines Project</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**Key:** Learning Outcome, which is assessed as part of the module.
KEY TO PROGRAMME LEARNING OUTCOMES

**Knowledge and Understanding**
A1. The use of appropriate diagnostic tools to complement effective treatment of cardiovascular-related conditions.
A2. The development of strategic, patient-centered management plans for cardiovascular conditions.
A3. The importance of highly developed clinical decision-making skills.
A4. The importance of highly developed intra and inter-disciplinary communication.
A5. The appropriate use of a broad-range of interventions (both pharmacological and non-pharmacological).

**Practical Skills**
C1. Demonstrate proficiency in the treatment of a range of cardiovascular conditions.
C2. Demonstrate proficiency in the use and interpretation of targeted echocardiography.
C3. Demonstrate proficiency in the interpretation of radiological imaging, specific to cardiovascular conditions.
C4. Demonstrate ethically sound practice in relation to own and others performance and professional practice.

**Intellectual Skills**
B1. Critically evaluate and apply the evidence and literature base underpinning the diagnosis and management of a range of cardiovascular conditions.
B2. Critically appraise and prioritize clinical decisions in diagnosis and management in terms of their effectiveness and efficiency, maximizing appropriate resources.
B3. Critically evaluate personal performance and the performance of self and others in order to enhance professional practice, team working and patient safety.
B4. Critically evaluate research evidence in cardiovascular medicine, specifically with a view towards generating new research questions and professional perspectives.
B5. Demonstrate originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in cardiology and stroke.

**Transferable Skills**
D1. Critically reflect on own practice and learning to enhance lifelong learning.
D2. Demonstrate the importance of highly-developed intra and inter-disciplinary communication.
D3. Operate as an effective leader or team member as part of an inter-professional, multi-agency team that can clarify roles and responsibilities.
D4. Reflect upon, identify and solve intellectual and professional problems using the full range of professional resources available.
Section 2

Programme management

Relevant QAA subject benchmarking statements
None

Type of programme
Taught Postgraduate

Date of validation/last periodic review
February 16

Date of production/ last revision of PS
April 2017

Relevant to level/cohort
Level 7 entering September 2018

Administrative School
School of Life and Medical Sciences

Table 3 Course structure

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course details</th>
<th>JACS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>LMCSM</td>
<td>Master of Science Cardiology and Stroke</td>
<td>8990</td>
</tr>
</tbody>
</table>

Course Instances

<table>
<thead>
<tr>
<th>Instances code</th>
<th>Intake</th>
<th>Stream</th>
<th>Year</th>
<th>Location</th>
<th>Mode of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDSM1F-1</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>1</td>
<td>Hatfield</td>
<td>Full-time</td>
</tr>
<tr>
<td>CDSM1F-2</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>1</td>
<td>Hatfield</td>
<td>Full-time</td>
</tr>
<tr>
<td>CDSMSEP1P</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>1</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMSEP2P-1</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>2</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMSEP2P-2</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>2</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMSEP3P-1</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>3</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMSEP3P-2</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>3</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMSEP4P-1</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>4</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMSEP4P-2</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>4</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMSEP5P-1</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>5</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMSEP5P-2</td>
<td>A</td>
<td>MSc Cardiology and Stroke</td>
<td>5</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>Code</td>
<td>Year</td>
<td>Degree Title</td>
<td>Duration</td>
<td>Campus</td>
<td>Intensity</td>
</tr>
<tr>
<td>------------</td>
<td>------</td>
<td>-------------------------------------</td>
<td>----------</td>
<td>--------</td>
<td>------------</td>
</tr>
<tr>
<td>CDSMFEB1F-1</td>
<td>1</td>
<td>MSc Cardiology and Stroke</td>
<td>1</td>
<td>Hatfield</td>
<td>Full-time</td>
</tr>
<tr>
<td>CDSMFEB1F-2</td>
<td>1</td>
<td>MSc Cardiology and Stroke</td>
<td>1</td>
<td>Hatfield</td>
<td>Full-time</td>
</tr>
<tr>
<td>CDSMFEB1P-1</td>
<td>1</td>
<td>MSc Cardiology and Stroke</td>
<td>1</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMFEB1P-2</td>
<td>1</td>
<td>MSc Cardiology and Stroke</td>
<td>1</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMFEB2P-1</td>
<td>2</td>
<td>MSc Cardiology and Stroke</td>
<td>2</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMFEB2P-2</td>
<td>2</td>
<td>MSc Cardiology and Stroke</td>
<td>2</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMFEB3P-1</td>
<td>3</td>
<td>MSc Cardiology and Stroke</td>
<td>3</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMFEB3P-2</td>
<td>3</td>
<td>MSc Cardiology and Stroke</td>
<td>3</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMFEB4P-1</td>
<td>4</td>
<td>MSc Cardiology and Stroke</td>
<td>4</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMFEB4P-2</td>
<td>4</td>
<td>MSc Cardiology and Stroke</td>
<td>4</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMFEB5P-1</td>
<td>5</td>
<td>MSc Cardiology and Stroke</td>
<td>5</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
<tr>
<td>CDSMFEB5P-2</td>
<td>5</td>
<td>MSc Cardiology and Stroke</td>
<td>5</td>
<td>Hatfield</td>
<td>Part-time</td>
</tr>
</tbody>
</table>