

School of Life and Medical Sciences

Title of Programme: Advancing Clinical Pharmacy Practice

Programme Code: HHAPP

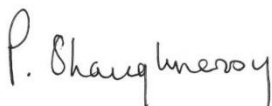
## Programme Specification

This programme specification is relevant to students entering:  
21 September 2020

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.

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### Summary of amendments to the programme

Date	Section	Amendment
06/03/20	Section C	Remove panel interview assessments as part of DMD changes to assessment methods

If you have any queries regarding the changes please email [AQO@herts.ac.uk](mailto:AQO@herts.ac.uk)

# Programme Specification MSc Advancing Clinical Pharmacy Practice

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

<b>Awarding Institution/Body</b>	University of Hertfordshire
<b>Teaching Institution</b>	University of Hertfordshire
<b>University/partner campuses</b>	College Lane
<b>Programme accredited by</b>	
<b>Final Award (Qualification)</b>	MSc
<b>All Final Award titles (Qualification and Subject)</b>	Advancing Clinical Pharmacy Practice Advancing Clinical Pharmacy Practice with Extended Placement.
<b>FHEQ level of award</b>	7
<b>Language of Delivery</b>	English

### A. Programme Rationale

The purpose of the Clinical Pharmacy Practice programme is to enable pharmacists who have at least 6 months patient-facing post registration experience to develop advanced knowledge skills and attributes in the professional practice of Pharmacy and ensure safe, effective and rational use of medicines. The programme will provide a wide range of opportunities to enable individuals to develop an in depth understanding of the evidence base and safety framework for healthcare and medicines management. The programme offers the opportunity for multi-professional working with others who are involved in the provision of health care. The changes in healthcare and the implications for the changing role of Pharmacists are integral to the development of this programme. Patient safety and medicines optimisation are integral to the goals of developing healthcare services and is fundamental to safe effective and rational use of medicines.

The overarching programme title of **Clinical Pharmacy Practice** encompasses two final exit awards:

- MSc Advancing Clinical Pharmacy Practice
- MSc Advancing Clinical Pharmacy Practice with Extended Placement

#### **MSc Advancing Clinical Pharmacy Practice**

This pathway provides an opportunity to study a wide range of pharmacy practice, medicines management and public health related theory and to explore the professional practice of pharmacy in a clinical pharmacy setting. It is a full-time, one year MSc that runs from Semester A to Semester C.

#### **MSc Advancing Clinical Pharmacy Practice with extended placement**

Students who choose this pathway take the full-time one year MSc Advancing Clinical Pharmacy Practice pathway for their first year then continue onto the full-time Extended Clinical Placement module for a further two Semesters. Students normally experience up to 800 hours of clinical placement during the programme. This pathway builds on the MSc Advancing Clinical Pharmacy Practice to allow students to demonstrate an advanced knowledge and systematic understanding of pharmaceutical care delivery in a hospital setting. This will be achieved by students undertaking clinical rotations at a range of acute and non-acute pharmacy settings.

## 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:

- PA1. Acquire and develop effective skills to innovate and advance the practice of pharmacy using an appropriate evidence base.
- PA2. Acquire and develop a systematic advanced knowledge and understanding of, and critical awareness of pharmaceutical concepts within health and social care.
- PA3. Demonstrate the ability to work as effective practitioners to ensure the delivery of pharmacy services meet national and local policies that improve patient outcomes.
- PA4. Acquire and develop the advanced skills to plan and evaluate their practice which is responsive to the needs of their organization.

### For the Extended Clinical Placement module

- PA5 Acquire and develop effective clinical skills to deliver safe and effective Pharmaceutical 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.

Knowledge and Understanding:	Teaching/learning methods & strategies	Assessment
<p>A1- National and local health policies in relation to their impact on health gain and service delivery.</p> <p>A2- The roles of pharmacists as members of the multi-professional and multi-agency teams within public health and primary care.</p> <p>A3- The concept of Pharmaceutical Care</p> <p>A4- Evidence and science based approaches to professional practice of pharmacy, medicines optimisation and medicines management, including a critical appraisal of the validity of data and research findings and therapeutic knowledge.</p> <p>A5- How established techniques of research and enquiry are used to create, interpret, evaluate and apply new knowledge within practice.</p> <p>A6- The ability to understand concepts, and apply in practice, techniques of research and enquiry to their own and others advanced</p>	<p>Acquisition of knowledge and understanding (A1-4) is through a combination of small group work, seminars and discussions with lecturers and expert practitioners in the fields of health services, pharmacy practice including: primary care, acute care and industrial practice, and research and fields which are related to professional practice of pharmacy throughout the programme.</p> <p>Acquisition of A5 and 6 is through a combination of lectures, seminars, workshops, course work, academic reading and a project. Throughout participants are encouraged to undertake independent study.</p> <p>Acquisition of A7 and 8 is through a combination of lectures, small group work, seminars and discussions with lecturers and experts in the field.</p>	<p>Knowledge and understanding are assessed through a combination of written assignments, examination and presentations which offer a choice of titles to enable students to display advanced knowledge and understanding in relation to their own area of interest.</p> <p>Testing of knowledge and understanding is through the submission of a written assignment e.g. dissertation or reports related to a field of interest, both as formative and summative to enable the student to gain feedback on their performance.</p> <p>Tutorial support is available face-to-face and through StudyNet.</p> <p>The programme will foster and encourage independence in learning. The learner will be required to undertake independent study both to supplement and consolidate what is</p>

<p>study and, where appropriate, to propose new hypotheses.</p> <p>A7- The implications of relevant current evidence including quality assurance mechanisms.</p> <p>A8- The variety of ways in which practitioners lead and innovate in their own practice domain.</p> <p><b>For extended placement only</b></p> <p>A9- The Competency Framework associated with the professional practice of pharmacy.</p> <p>A10- The underpinning knowledge that is required to practice clinical pharmacy</p>	<p>A9 and 10 will occur through clinical rotations at a range of acute and non-acute pharmacy settings plus students will attend regular study days at UH</p>	<p>being taught/ learnt and to broaden their individual advanced knowledge and understanding of the subject.</p> <p>A9 and A10 are assessed through a portfolio of learning.</p>
<p><b>Intellectual skills:</b></p>	<p><b>Teaching/learning methods &amp; strategies</b></p>	<p><b>Assessment</b></p>
<p>B1- Critically analyse the contribution of research and health data which underpins the professional practice of pharmacy.</p> <p>B2- Demonstrate the ability to use an evidence and science based approach to the professional practice of Pharmacy and the delivery of medicines management services.</p> <p>B3- Critically examine how current policy and legal frameworks inform the safe, rational and effective use of medicines.</p> <p>B4- Demonstrate scholarship, initiative and critical autonomy in tackling and resolving problems related to their own research.</p> <p>B5- Deal with complex issues systematically and creatively.</p> <p>B6- Make recognised contributions of value to wider debates and developments in the field.</p> <p>B7- Select, analyse, critique and evaluate their own practice and offer insightful solutions to identified problems.</p> <p>B8- Effectively apply a range of theoretical concepts to</p>	<p>Intellectual skills are developed throughout the programme by a combination of small group work, seminars and discussions with lecturers and expert practitioners. Relevance of course content to practice will be an integral part of sessions. Development of the remaining advanced skills within the programme is facilitated by classroom and StudyNet discussions where students from a range of disciplines such as nurses and medics with differing experiences of the client groups share practical knowledge, expertise, ideas and concerns. StudyNet discussion groups will be established to enable students to engage in debate and review of specific aspects of Pharmacy practice.</p> <p>Throughout, the learner is encouraged to further develop intellectual skills by independent study that relates to their own area of interest and expertise through studying alongside other students, through guided and independent reading and tutorial support for assignments and the application of the theory learnt and demonstrated on the course to practice situations.</p>	<p>Intellectual skills development is assessed through a variety of approaches which indicatively include course work (assignments, presentation and portfolio of evidence).</p> <p>Evidence of B7 and B8 will be assessed in all coursework. Some of this is through written assignment and some through assessment of presentation with regard to innovative practice.</p> <p>For the extended placement the intellectual skills (B9) are</p>

develop strategies which advance current practice. <b>For extended placement only</b> B9- Critically analyse patient and drug factors to manage the pharmaceutical care of patients.		assessed through a portfolio of learning.
<b>Practical skills:</b>	<b>Teaching/learning methods &amp; strategies</b>	<b>Assessment</b>
C1-Demonstrate the ability to deal with complex pharmaceutical care issues in an autonomous manner C2--Communicate effectively with patients and health care professionals C3- Prioritise pharmaceutical care issues in order of importance <b>For extended placement only</b> C4- Demonstrate competence in practical activities as outlined in the Foundation Pharmacy Framework	Practical skills are developed through a series of workshops and case studies. Practical techniques will be directly demonstrated to the student by experienced staff Participants are encouraged to develop practical and transferable skills through the range of skills based assessments and active use of the virtual learning environment (StudyNet). A combination of the above teaching methods and, problem based learning (PBL) group work, visits in practice, placements and assignments will be used.	C1 & C2 are assessed through Observed Structured Clinical Examinations (OSCEs), essays and during in-class tests. Communication skills tested during OSCEs will include the production of care plans, responding to symptoms and obtaining relevant information from other healthcare professionals. C3 is assessed in case studies taken from practice. C4 is assessed through a portfolio of learning.
<b>Transferable skills:</b>	<b>Teaching/learning methods &amp; strategies</b>	<b>Assessment</b>
D1- Communicate effectively both orally and in writing D2- Develop critical self-reflective skills as a professional D3-Present and support an extended argument utilising evidence based practice D4-Manage time and resources effectively <b>For extended placement only</b> D5- Work effectively within a multi-disciplinary team involved in direct patient care	Transferable skills are developed through coursework reports, presentations, class discussions and workshops. Throughout, the learner is encouraged to develop transferable skills by maintaining a record of evidence and completing a personal development plan.	Transferable skills are assessed through a range of assignments built into the curriculum.  D5 is summatively assessed in the portfolio of learning

## D. Programme Structures, Features, Levels, Modules, and Credits

The programme is offered in full time mode (1 year) and leads to the award of MSc in Advancing Clinical Pharmacy Practice. Students can also take the extended clinical placement module based in acute and non-acute pharmacy settings after the successful completion of the MSc (for a further 8-month period) which leads to the award of MSc in Advancing Clinical Pharmacy Practice with Extended Placement.

Entry is normally at Masters (7) level with a good Bachelor's degree (at least 55% GPA) in Pharmacy/ Pharmaceutical Science (as approved by UK NARIC) which allows the student to practise as a pharmacist in their home country. Intake is Semester A (September) only for full-time students.

### Professional and Statutory Regulatory Bodies

N/A

### Work-Based Learning, including Sandwich Programmes

Both the Advancing Clinical Pharmacy Practice pathway and the Advancing Clinical Pharmacy Practice with Extended Placement pathway are required to undertake the 'Clinical Pharmacy in Practice' module which normally includes 15 hours of placement and a 'Work-Based Learning for Pharmacists' module which normally includes 75 hours of placement. This module is assessed by a Portfolio containing cases experienced during the placement. Students following the Extended Placement pathway are further required to undertake the 'Extended Clinical Placement' module which comprises a minimum of 700 hours of placement at a range of acute and non-acute pharmacy settings.

### 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.

- The MSc Advancing Clinical Pharmacy Practice pathway for full-time students comprises of 180 credits of compulsory modules.
- The MSc Advancing Clinical Pharmacy Practice with Extended Placement pathway requires satisfactory completion of the 180 credits plus an extended clinical placement module of 60 credits at a range of acute and non-acute pharmacy settings, where the student will produce a portfolio of learning based of their clinical rotations and attendance at study days.

### Table 1a Outline Programme Structure

#### MSc Advancing Clinical Pharmacy Practice

**Mode of study** Full time (12 months)

**Entry point** Full Time: Semester A.

#### MSc Advancing Clinical Pharmacy Practice with Extended Placement

**Mode of study** Full time (20 months)

**Entry point** Full Time: Semester A.

#### MSc Advancing Clinical Pharmacy Practice. All modules are Compulsory

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Core Competence in Pharmacy Practice	7LMS0140	30	English	0	100	0	A
Clinical Pharmacy in Practice	7LMS0135	45	English	0	100	0	AB
Leadership in Practice	7LMS0158	30	English	0	100	0	B
Work-based learning for Pharmacists	7LMS0201	15	English	0	100	0	BC
Project (ACPP)	7LMS0190	60	English	0	100	0	BC

The award of a Masters requires 180 credit points at level 7.

**MSc Advancing Clinical Pharmacy Practice with Extended Placement.** All modules are Compulsory

<b>Compulsory Modules</b> Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Core Competence in Pharmacy Practice	7LMS0140	30	English	0	100	0	A
Clinical Pharmacy in Practice	7LMS0135	45	English	0	100	0	AB
Leadership in Practice	7LMS0158	30	English	0	100	0	B
Work-based learning for Pharmacists	7LMS0201	15	English	0	100	0	BC
Project (ACPP)	7LMS0190	60	English	0	100	0	BC
*Extended clinical placement	7LMS0222	60	English	0	100	0	AB

\*The Extended Clinical Placement module takes place in year 2 of the programme. Pre-requisites are a pass in 7LMS0140, 7LMS0135, 7LMS0158, 7LMS0201, 7LMS0190.

The award of a Masters in Advancing Clinical Pharmacy Practice with Extended Placement requires 240 credit points at level 7.

**Table 1b Final and interim awards available**

The programme provides the following final and interim awards:

Final Award	Award Title	Minimum requirements	Available at end of (normally):	Programme Learning Outcomes developed (see above)
Masters	Advancing Clinical Pharmacy Practice	180 credit points at level 7	3 Semesters	A1-8, B1-8, C1-3, D1-4
Masters	Advancing Clinical Pharmacy Practice with extended placement	240 credit points at level 7	5 semesters	A1-10, B1-9, C1-4, D1-5
Interim Award	Award Title	Minimum requirements	Available at end of Level	Programme Learning Outcomes developed (see above)
Masters*	Advancing Clinical Pharmacy Practice	180 credit points at level 7	3 Semesters	A1-8, B1-8, C1-3, D1-4
Postgraduate Diploma	Advancing Clinical Pharmacy Practice	120 credit points at level 7 (excludes the Project)	2, 3 Semesters	A1-8, B1,2,3,4,5,7,8 C1-3 D1-4
Postgraduate Certificate	Advancing Clinical Pharmacy Practice	60 credit points at level 7 for 7LMS0135 and 7LMS0201	1-2 Semesters	A1,2, 3, 4,5,7 B1,2,3,4,5,7,8 C1-3 D1-4
Postgraduate Certificate	Untitled	60 credit points at level 7 for 7LMS0140 and 7LMS0158	1-2 Semesters	A1,2,4,5,6,8 B2,3,4,5,7,8 C1,2 D1-4

\* interim award for students enrolled on MSc Advancing Clinical Pharmacy Practice with extended placement

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.

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## Programme-specific assessment regulations

The programme is compliant with the University's academic regulations (in particular, [UPR AS11](#), [UPR AS12/UPR AS13](#) and [UPR AS14](#)) with the exception of those listed below, which have been specifically approved by the University:

A satisfactory attendance of at least 75% will be required for classroom based teaching for all modules with the exception of 7LMS0158 Leadership in Practice. Students missing more than 25% of classroom based teaching will normally be awarded a fail for this module by the Board of Examiners.

7LMS0135 Clinical Pharmacy in Practice and 7LMS0201 Work-based Learning also include work-based learning. A satisfactory attendance of at least 75% will be required for work-based learning. Students missing more than 25% of work-based learning will normally be awarded a fail for this module by the Board of Examiners.

7LMS0222 Extended Clinical Placement module has 700 hours of clinical placement, which normally have to be attended in order to pass the module. Students missing more than 25% of placement will normally be awarded a fail for this module by the Board of Examiners.

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## E. Management of Programme & Support for student learning

### Management

The programme is managed and administered through:

- Dean of School
- The Head of Department has overall responsibility for programmes in the Department;
- A Programme Lead who is responsible for the day to day management;
- An Admissions Tutor, with specific responsibility for open days and selection;
- A work visits Tutor who co-ordinates practice-based education and develops new placement sites;
- A designated Administrator to deal with day to day administration associated with the Programme;
- Module leaders who are responsible for individual modules;
- Associate Dean of School AQA
- A Programme Committee the membership of which includes: Programme Lead, Admissions Tutor, Programme Administrator; Module Leaders; Student Representatives; Representative from Learning and Information Services; and Representatives from Practice

### Support

Students are supported by:

- An induction at the beginning of each new academic session to develop critical appraisal skills and ensure familiarity with Canvas
- Attendance at the University international induction week and the course induction programme for Overseas Students
- A Programme Lead to help ACPP students understand the course/programme structure
- An Academic Link Tutor and Rotational Supervisors when on the extended clinical placement module at an NHS hospital.
- A Departmental Administrator to help with module registration, liaison with local authorities and examination arrangements and results
- Extra support available in English (to enable accurate referencing and avoiding plagiarism)
- The Placements Office to co-ordinate visits and to support students during their placements
- An extensive Learning Resources Centre, incorporating a library and computer centre.
- On-line information and learning materials and support through the University's Virtual Learning Environment – Canvas – a University-wide set of systems and tools for educational delivery.
- Student handbooks.
- Module Leaders to help students understand the aims, outcomes and organization of the modules
- Dean of School



- Associate Deans of School AQA and Learning and Teaching
- Student representatives on programme committees
- A substantial Student Centre that provides advice on issues such as finance, University regulations, legal matters etc
- An Accommodation Office
- A Students Centre
- An Equal Opportunities Officer
- The Students' Union
- Dean of students
- Medical Centre and pharmacy on campus
- A student Counselling Service
- Access to a School Disabled Student Tutor and access to assessment for validated learning support
- The Sports Village

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## 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.
- Professional or Statutory Regulatory Body information: General Pharmaceutical Council:  
<http://www.pharmacyregulation.org>
- UK NARIC:  
<http://www.naric.org.uk/>

Other information relevant to the programme:

The [Ask Herts](#) website provides information on a wide range of resources and services available at the University of Hertfordshire including academic support, accommodation, fees, funding, visas, wellbeing services and student societies.

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.

In accordance with section 4(5) of the Higher Education and Research Act 2017 (HERA), the UK Office for Students (OfS) has registered the University of Hertfordshire in the register of English higher education providers. The Register can be viewed at: <https://www.officeforstudents.org.uk/advice-and-guidance/the-register/the-ofs-register/>. Furthermore, the OfS has judged that the University of Hertfordshire delivers consistently outstanding teaching, learning and outcomes for its students. It is of the highest quality found in the UK. Consequently, the University received a Gold award in the 2018 Teaching Excellence and Student Outcomes (TEF) exercise. This award was made in June 2018 and is valid for up to 3 years. The TEF panel's report and conclusions can be accessed at: <https://www.officeforstudents.org.uk/advice-and-guidance/teaching/tef-outcomes/#/provider/10007147>

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## G. Entry requirements

The normal entry requirements for the programme are:

1. A good Bachelor's degree in Pharmacy/ Pharmaceutical Science (GPA 55% or equivalent) and registration as a pharmacist with either the General Pharmaceutical Council of Great Britain or equivalent authority in the student's home country
2. At least 6 months full-time patient facing experience in a pharmacy (or equivalent in hours)

3. GCSE in English with minimum grade C or IELTS score of 7.0 (minimum of 6.0 in any band).

The programme is subject to the University's Principles, Policies, Regulations and Procedures for the Admission of Students to Undergraduate and Taught Postgraduate Programmes and will take account of University policy and guidelines for assessing accredited prior certificated learning (APCL) and accredited prior experiential learning (APEL).

Students must be medically fit to undertake the Programme (including placement) and students will therefore be required to pass an occupational health assessment. Students with disabilities are considered on an individual basis, all students must be potentially capable of demonstrating the learning outcomes of the Programme.

In order to comply with the Rehabilitation of Offenders Act 1974 (exceptions) Order 1975, students will therefore be required to undergo enhanced clearance checks by the Disclosure and Barring Services (DBS) followed by annual checks; entry onto the Programme is subject to a satisfactory self-disclosure and enhanced DBS check or equivalent for international students.

Students who have been resident outside the United Kingdom during the last 5 years will need to get a declaration (in English) from the Police in the country where they have been living stating that they have not committed any crimes.

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).

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If you would like this information in an alternative format please contact:  
[ICAdmin@herts.ac.uk](mailto:ICAdmin@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](mailto:aqo@herts.ac.uk)

## MSc Advancing Clinical Pharmacy Practice

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.

		Programme Learning Outcomes																																	
		Knowledge & Understanding									Intellectual Skills									Practical Skills				Transferable Skills											
Module Title	Module Code	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	B1	B2	B3	B4	B5	B6	B7	B8	B9	C1	C2	C3	C4	D1	D2	D3	D4	D5						
<b>COMPULSORY ACPP</b>																																			
Clinical Pharmacy in Practice	7LMS0135	X	X	X	X	X		X				X	X	X	X	X			X	X		X	X							X	X	X	X		
Core Competence in Pharmacy Practice	7LMS0140	X	X		X	X	X		X				X	X	X	X				X			X							X	X	X	X		
Leadership in Practice	7LMS0158		X				X		X						X				X	X		X	X							X	X	X	X		
Work Based Learning (Pharmacy)	7LMS0201	X	X			X		X				X	X	X	X	X			X	X		X	X	X						X	X		X		
ACPP Project	7LMS0190				X	X	X	X	X			X	X	X	X	X	X	X	X	X			X							X	X	X	X		
<b>Extended Clinical Placement</b>	7LMS0222	X	X	X	X	X		X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

## KEY TO PROGRAMME LEARNING OUTCOMES

### Knowledge and Understanding

- A1. National and local health policies in relation to their impact on health gain and service delivery
- A2. The roles of pharmacists as members of the multi-professional and multi-agency teams within public health and primary care.
- A3. The concept of Pharmaceutical Care
- A4. Evidence and science based approaches to Professional Practice of Pharmacy and Medicines Management, including a critical appraisal of the validity of data and research findings.
- A5. How established techniques of research and enquiry are used to create, interpret, evaluate and apply new knowledge within practice.
- A6. The ability to understand concepts, and apply in practice, techniques of research and enquiry to their own and others advanced study and, where appropriate, to propose new hypotheses.
- A7. The implications of relevant current evidence including quality assurance mechanisms.
- A8. The variety of ways in which practitioners lead and innovate in their own practice domain.
- A9. The Competency Framework associated with the Professional Practice of Pharmacy
- A10. The underpinning knowledge that is required to practice clinical pharmacy

### Intellectual Skills

- B1. Critically analyse the contribution of research and health data which underpins the professional practice of pharmacy.
- B2. Demonstrate the ability to use an evidence and science based approach to the professional practice of Pharmacy and the delivery of medicines management services.
- B3. Critically examine how current policy and legal frameworks inform the safe rational and effective use of medicines.
- B4. Demonstrate scholarship, initiative and critical autonomy in tackling and resolving problems related to their own research
- B5. Deal with complex issues systematically and creatively.

### Practical Skills

- C1. Demonstrate the ability to deal with complex pharmaceutical care issues in an autonomous manner and prioritise
- C2. Communicate effectively with patients and health care professionals
- C3. Prioritise pharmaceutical care issues in order of importance
- C4. Demonstrate competence in practical activities as outlined in the Foundation Pharmacy Framework

### Transferable Skills

- D1. Communicate effectively both orally and in writing
- D2. Develop critical self-reflective skills as a professional practitioner
- D3. Present and support an extended argument utilising evidence based practice
- D4. Manage time and resources effectively
- D5. Work effectively within a multi-disciplinary team involved in direct patient care

- B6. Make recognised contributions of value to wider debates and developments in the field
- B7. Select, analyse, critique and evaluate their own practice and offer insightful solutions to identified problems.
  
- B8. Effectively apply a range of theoretical concepts to develop strategies which advance current practice.
- B9. Critically analyse patient and drug factors to manage the pharmaceutical care of patients

## Section 2

### Programme management

<b>Relevant QAA subject benchmarking statements</b>	None
<b>Type of programme</b>	Taught postgraduate
<b>Date of validation/last periodic review</b>	January 16
<b>Date of production/ last revision of PS</b>	March 19
<b>Relevant to level/cohort</b>	Level 7 entering September 2020
<b>Administrative School</b>	School of Life and Medical Sciences

Table 3 Course structure

Course details		
Course code	Course description	HECOS
HHAPPMSC	MSc Advancing Clinical Pharmacy Practice	100251