

Overview

Programme Code	35773
Programme Title	Clinical Pharmacy for Secondary and Tertiary Care
Awarding Institution	Liverpool John Moores University
Programme Type	Masters
Language of Programme	All LJMU programmes are delivered and assessed in English
Programme Leader	Gareth Nickless
Link Tutor(s)	

Awards

Award Type	Award Description	Award Learning Outcomes
Target Award	Master of Science - MS	See Learning Outcomes Below
Recruitable Target	Postgraduate Certificate - PC	Understand and apply clinical information to a range of patients with moderate complexity. They will be able to appraise relevant primary evidence, guidelines and policy documents and determine the most appropriate application of these to practice. Students will also be able to undertake critical self-review and apply this to their own personal development and incorporate it into their lifelong learning.
Recruitable Target	Postgraduate Diploma - PD	In addition to the outcomes for the Certificate level, students will be capable of evaluating their own and others' practice and take action to improve this, including through use of appropriate evaluation relating to development of new services. They will also be able to critique current service delivery to develop appropriate changes to practice and lead implementation of change within their team. Students will also be able to apply their clinical knowledge to the management of complex patients, working with other members of the multidisciplinary team to examine the clinical issues and propose appropriate treatment pathways. Students undertaking the prescribing pathway within the programme will also be able to demonstrate the skills necessary to prescribe independently within a defined area of practice.
Alternative Exit	Postgraduate Diploma - PD	In addition to the outcomes for the Certificate level, students will be capable of evaluating their own and others' practice and take action to improve this, including through use of appropriate evaluation relating to development of new services. Critique current service delivery to develop appropriate changes to practice and lead implementation of change within their team. Apply their clinical knowledge to the management of complex patients, working with other members of the multidisciplinary team to examine the clinical issues and propose appropriate treatment pathways. Students undertaking the prescribing pathway within the programme will also be able to demonstrate the skills necessary to prescribe independently within a defined area of practice.

Alternate Award Names	
------------------------------	--

External Benchmarks

Subject Benchmark Statement	
------------------------------------	--

Programme Offering(s)

Mode of Study, Mode of Delivery	Intake Month	Teaching Institution	Programme Length
Part-Time, Face to Face	March	LJMU Taught	3 Years
Part-Time, Face to Face	September	LJMU Taught	3 Years

Aims and Outcomes

Educational Aims of the Programme

The overall aim of the programme is to support students in developing their clinical pharmacy practice so that they can demonstrate a patient-centred approach to care, promote the medicines safety agenda and make evidence-based recommendations in practice. These clinical pharmacists will also be equipped to effectively promote and assess clinical pharmacy services, which will directly benefit the organisations and patients they serve.

Learning Outcomes

Code	Description
PLO1	Conduct patient-centred consultations and tailor information to the needs of the recipient
PLO2	Screen, assess and prioritise patients for potential pharmacist input by evaluating their health and social care needs
PLO3	Make contributions to patient care by applying their knowledge of clinical therapeutics and evidence-based medicine to the critical analysis of common long-term conditions and reasons for admission to hospital
PLO4	Assess the clinical indicators of response to drug therapy and identify adverse effects of such therapy in individual patients
PLO5	Critically evaluate and synthesise information (including evidence-based practice) from a variety of sources
PLO6	Critically reflect on their own practice, identify areas for continuing professional development and take responsibility for addressing such needs
PLO7	Keep up-to-date with issues relevant to the pharmacy profession and healthcare services
PLO8	Apply planning, analytical and problem-solving skills to optimising care and improving healthcare practice
PLO9	Plan, conduct and evaluate a service improvement project, making recommendations on how to improve care for patients in the future

Programme Structure

Programme Structure Description

The programme runs over three years part-time with two intakes per year in March and September. The requirement for the PgCert award is completion of modules totalling 60 credits, usually over one year: 7201CPPHAR Developing Hospital Pharmacists' Practice (CORE), 7202CPPHAR Principles of Medicines Optimisation (CORE) plus ONE from 7200CPPHAR Medicines Optimisation in Hospitals or 7212CPPHAR Fundamental Paediatric Pharmacy Practice. The requirement for the PgDip award is completion of modules totalling 120 credits, usually over two years. Students need to complete 7201CPPHAR Developing Hospital Pharmacists' Practice (CORE), 7202CPPHAR Principles of Medicines Optimisation (CORE) plus ONE from 7200CPPHAR Medicines Optimisation in Hospitals (OPTIONAL) or 7212CPPHAR Fundamental Paediatric Pharmacy Practice (OPTIONAL) in the first year. In the 2nd year they complete 7207CPPHAR Quality Improvement in Healthcare (CORE) plus another 40 credits from the remaining optional modules. Students wishing to pursue the prescribing pathway as part of the PgDip or MSc award must select option module 7208CPPHAR Independent Prescribing for Pharmacists (40 credits) in addition to the core modules, and must meet the relevant prerequisites (described in 'Admission criteria' below) before commencing this route. Students wishing to pursue the non-prescribing pathway as part of the PgDip or MSc award must select any two option modules from 7200CPPHAR Medicines Optimisation in Hospitals (if not taken in year 1), 7209CPPHAR Oncology Pharmacy Practice in Secondary Care, 7211CPPHAR Advanced Paediatric Pharmacy Practice in Secondary Care, 7212CPPHAR Fundamental Paediatric Pharmacy Practice (if not taken in year 1), 7213CPPHAR Clinical Leadership in Medicines Optimisation and 7214CPPHAR Education and Training in Healthcare. The requirement for the MSc award is completion of modules totalling 180 credits, usually over three years. The first two years are as the PgDip. In the third year 7215CPPHAR Research Project will be completed. Students will be assigned a project supervisor from LJMU who will assist students in formulating their proposals. Since the Research Project for the Masters award is undertaken in the workplace, students will have a workplace mentor, where available, who will have subject and/or research experience within the field of study. Students registered for the PgDip or MSc who are unable to complete their target award but successfully complete the requirements of the PgDip or PgCert will be awarded the relevant alternative exit award. The following modules are also available to study as a single-module Certificate of Professional Development award (CPD): 36447 CPD Quality Improvement in Healthcare (7207CPPHAR), 35770/35771 CPD Independent Prescribing for Pharmacists (7208CPPHAR), 36445 CPD Oncology Pharmacy Practice in Secondary Care (7209CPPHAR), 36436 CPD Advanced Paediatric Pharmacy Practice (7211CPPHAR), 7212CPPHAR Fundamental Paediatric Pharmacy Practice and 36437 CPD Clinical Leadership in Medicines Optimisation (7213CPPHAR). These programme rules apply to students starting the programme from September 2021 onwards - the previously validated programme rules apply to existing students.

Programme Structure - 180 credit points	
Level 7 - 180 credit points	
Level 7 Core - 120 credit points	CORE
[MODULE] 7201CPPHAR Developing Hospital Pharmacists' Practice Approved 2022.02 - 20 credit points	
[MODULE] 7202CPPHAR Principles of Medicines Optimisation Approved 2022.02 - 20 credit points	
[MODULE] 7207CPPHAR Quality Improvement in Healthcare Approved 2022.01 - 20 credit points	
[MODULE] 7215CPPHAR Research Project Approved 2022.01 - 60 credit points	
Level 7 Optional - 60 credit points	OPTIONAL
[MODULE] 7200CPPHAR Medicines Optimisation in Hospitals Approved 2022.02 - 20 credit points	
[MODULE] 7208CPPHAR Independent Prescribing for Pharmacists Approved 2022.02 - 40 credit points	
[MODULE] 7209CPPHAR Oncology Pharmacy Practice in Secondary Care Approved 2022.01 - 20 credit points	
[MODULE] 7211CPPHAR Advanced Paediatric Pharmacy Practice Approved 2022.01 - 20 credit points	

[MODULE] 7212CPPHAR Fundamental Paediatric Pharmacy Practice Approved 2022.01 - 20 credit points
[MODULE] 7213CPPHAR Clinical Leadership in Medicines Optimisation Approved 2022.02 - 20 credit points
[MODULE] 7214CPPHAR Education and Training in Healthcare Approved 2022.02 - 20 credit points

Module specifications may be accessed at <https://proformas.ljmu.ac.uk/Default.aspx>

Approved variance from Academic Framework Regulations

Variance

The following variances to the Academic Framework have been approved by the Education Committee on the 14th November 2019: To align the programme to the GPhC educational standards all assessment have to be passed. No compensation or condonation can be accepted. To ensure the programme aligns to the GPhC commitment to patient safety, no opportunity for a referral, FMA or ESR is given when a student fails to identify or respond to a serious problem or gives an answer which would cause a serious patient harm. As all assessments within pharmacist independent prescribing programme are based on realworld situations, for example, case report, portfolio of activities, any failure on the part of pharmacist independent prescriber in training to identify or respond to a serious health issue or provide an example in which potential patient harm (unsafe practice) will be considered a fitness to practice issue. Where a pharmacist independent prescriber in training who, during an assessment, fails to identify or respond to a serious problem or gives an answer which would cause a serious patient harm: 1. Are to fail and withdraw from the programme 2. Do not have the right to a referral opportunity (PG.C7.5 refers) 3. Do not have the opportunity to retrieve their failure by resitting or resubmitting the required element of the assessment (PG.C7.8 refers) 4. No final module attempt (FMA) or exceptional second referral (ESR) opportunities will be offered (PG C7.13) 5. They would not be allowed to re-enrol on the programme In such cases, no award is given, however existing academic credits (e.g. those obtained from PgDip programmes) will be awarded. To determine the serious nature of the problem, a panel of healthcare professionals will assess the 'serious problem' in line with the definition of risk as set out in the programme guide. This Panel will comprise an academic chair, an academic healthcare practitioner and a healthcare prescribing practitioner, both of whom practice in similar field to the identified problem. Ideally, both healthcare professional will be prescribers. Any decision of this Panel will be reported to the next Board of Examiners. As well as the LJMU Certificate of Professional Development in Independent Prescribing for Pharmacists, students will also be presented with a certificate stating that they have been awarded a Practice Certificate in Independent Prescribing as this is a requirement of the regulator (GPhC) to permit annotation as an independent prescriber on the Pharmacy Register. Approval has been granted for the 40 credit independent prescribing for pharmacists to be offered as an option module in year two of this programme.

Teaching, Learning and Assessment

Lectures, seminars, workshops, workplace-based activities, student-directed learning. Written reports, portfolio, case presentation, portfolio, project report. Transferable/key skills are embedded in modules within the programme. Examples include the use of spreadsheets and statistical computer packages to analyse data, the use of presentation packages to produce presentations, group working and research projects. These are assessed via case presentations, portfolio and project report.

Opportunities for work related learning

Since students study this programme whilst working, work-based learning is a key feature. During the first year of the programme, students are supported by a Practice-Based Tutor (PBT) and other suitably experienced assessors (details of which are provided upon enrolment) from their workplace to provide routine formative feedback on their clinical practice. All students are allocated a Personal Tutor by LJMU to provide support throughout the programme and monitor their engagement. Students completing the MSc pathway will undertake a 60 credit research project which is focussed around their current work role and this will provide further opportunities to reflect on their practice and build an evidence base for facilitating changes and improvements to practice (both their own and their colleagues’).

Entry Requirements

Type	Description
Alternative qualifications considered	Entrants will normally be UK registered pharmacists (with the GPhC). Entrants will normally be working in a Secondary or Tertiary Care Trust within reasonable travelling distance from Liverpool, have an opportunity to contribute to the clinical care of patients and a sufficient term of employment to allow completion of the registered course (one year for PgCert and two years for Diploma). Note: This requirement excludes those applying to 'top up' a Clinical Pharmacy PgDip to the MSc. Entrants will normally hold an honours degree in pharmacy or equivalent. Letters of support from employers will be obtained and students may be interviewed for a place on the programme. Students that have completed a Postgraduate Certificate in Clinical Pharmacy from another institution may be eligible to enter year two subject to approval by the relevant RP(E)L committee. Students may enrol for the 60 credit Research Project module (to top-up to an MSc award) having obtained a PgDip in Clinical Pharmacy from LJMU or an equivalent qualification from another UK university. Students who wish to enrol on module 7208CPPHAR Independent Prescribing for Pharmacists must comply with the admission criteria for that module as follows: Entrants must: - be a registered pharmacist with the GPhC or the Pharmaceutical Society of Northern Ireland (PSNI) - have relevant experience in a UK pharmacy setting. - have identified an area of clinical practice in which to develop their prescribing skills. - the ability to recognise, understand and articulate the skills and attributes required by a prescriber, and. - have identified a Designated Prescribing Practitioner with training and experience appropriate to their role. This may be demonstrated by adherence to the Royal Pharmaceutical Society guidance (2019). The DPP must have agreed to provide supervision, support and shadowing opportunities for the student, and be familiar with the GPhC's requirements of the programme and the need to achieve the learning outcomes. Students will be required to provide acceptable evidence of each of the above and will be interviewed and letters of support obtained from employers as appropriate.
Other international requirements	IELTS is not included because a student who meets the entry criterion relating to working in a secondary care role as a pharmacist will have been required to meet rigorous employment and registration criteria in order to practise.

Extra Entry Requirements