

Liverpool John Moores University

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Title: INDEPENDENT AND SUPPLEMENTARY PRESCRIBING
Status: Definitive
Code: **7100NPAPP** (124794)
Version Start Date: 01-08-2020

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Donal Deehan	Y
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Academic Level: FHEQ7 **Credit Value:** 20 **Total Delivered Hours:** 98
Total Learning Hours: 200 **Private Study:** 192

Delivery Options

Course typically offered: S1 & S2 & Summer

Component	Contact Hours
Lecture	80
Placement/Practice	90
Seminar	10
Tutorial	6

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination (unseen): pass mark of 80%	40	2
Essay	AS2	Coursework: case management study (2500) words	60	

Competency	Practice
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Aims

1. To prepare health care professionals to prescribe, safely, appropriately and cost-effectively as independent and/or supplementary prescribers, in accordance with both legal and the professional requirements of relevant professional bodies (NMC, HCPC, RPS)
2. To address the specialist educational needs of nurses, and allied health professionals working within specialist areas and with specific client groups.
3. To prepare health care professionals to exercise advanced clinical reasoning, critical thinking and creative problem solving with regard to the unique challenges associated with medicines management among infants, children and young people, the elderly and other specific client groups

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate advanced knowledge and understanding of pharmacodynamics / pharmacokinetics and therapeutics ensuring safe Independent and Supplementary Prescribing practice applying relevant calculations and numeracy skills.
- 2 Demonstrate safe and competent prescribing practice of all ten RPS (2016) competencies drawing upon relevant local and national frameworks for medicines use within the scope of prescribing practice.
- 3 Critically appraise accountability within prescribing practice as part of the multidisciplinary team drawing upon relevant professional, legal and ethical frameworks
- 4 Demonstrate comprehensive critical reasoning and synthesis in their application of the prescribing process as defined within the prescribing governance domain of A competency framework for all prescribers (RPS, 2016)

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Examination	1	4		
Case Study	1	2	3	4
Practice	1	2	3	4

Outline Syllabus

Clinical Pharmacology including the Effects of Co-morbidity

- *Pharmacology including pharmacodynamics and pharmacokinetics.*
- *Anatomy and physiology as applied to prescribing practice including the unique anatomical and physiological differences across the lifespan.*
- *Basic principles of drugs to be prescribed – absorption, distribution, metabolism and excretion including adverse drug reactions (ADR), interactions and reactions.*
- *Impact of physiological state in, for example the elderly, young, pregnant or breast feeding women, on drug responses and safety.*
- *Issues in administration: vehicles, formulations, taste, routes, concordance,*

excipient use, etc.

- *Pharmacology mathematics.*
- *Error prevention and sources of medicines information.*

Consultation, Decision-Making and Therapy including Referral

- *Models of consultation.*
- *Accurate assessment, communication and consultation with patients and their carers.*
- *Concepts of working diagnosis or best formulation.*
- *Development of a management plan*
- *Confirmation of diagnosis – further examination, investigation, referral for diagnosis.*
- *Prescribe, not to prescribe, non-drug treatment or referral for treatment.*

Influences on and Psychology of Prescribing

- *Patient demand versus patient need.*
- *External influences, for example companies/colleagues.*
- *Patient partnership in medicine-taking including awareness of cultural and ethnic needs.*
- *Conformance – normalisation of professional prescribing behaviour.*
- *Achieving shared understanding and negotiating a plan of action.*

Prescribing in a Team Context

- *National and local guidelines, protocols, policies, decision support systems and formulae (rationale, adherence to and deviation from).*
- *Understand the role and functions of other team members.*
- *Documentation, with particular reference to communication between team members including electronic prescribing.*
- *Auditing, monitoring and evaluating prescribing practice.*
- *Interface between multiple prescribers and the management of potential conflict.*
- *Budget/cost effectiveness (including prescription charges, exemptions, components of cost to the NHS/ dispensing fees).*
- *Issues relating to the ethics of dispensing.*

Evidence-based Practice and Clinical Governance in relation to Non-Medical Prescribing

- *National and local guidelines, protocols, policies, decision support systems and formulae-rationale, adherence to and deviation from.*
- *Continuing professional development – role of self and organisation.*
- *Management of change.*
- *Risk assessment and risk management, including safe storage, handling and disposal.*
- *Clinical supervision.*
- *Reflective practice.*
- *Critical appraisal skills.*
- *Auditing and systems monitoring.*
- *Identifying and reporting ADRs and near misses.*

Legal, Policy and Ethical Aspects

- *Legal basis, liability and indemnity.*
- *Legal implications of advice to self-medicate including the use of complementary therapy and "over the counter" (OTC) medicines.*
- *Safe keeping of prescription pads, action if lost, writing prescriptions and record keeping.*
- *Awareness and reporting of fraud.*
- *Drug licensing.*
- *Yellow card reporting to the Commission on Human Medicines.*
- *Prescribing in the policy context.*
- *Manufacturers' guidance relating to literature, licensing and "off-label" (including the special considerations with regard to off-label and unlicensed drug use in children.*
- *Ethical basis of intervention.*
- *Informed consent, with particular reference to client groups in learning disability, mental health, children, the critically ill and emergency situations.*
- *The ethical, documentation, legal and accountability issues related to the prescribing of botulinum toxin and related products*

Professional Accountability and Responsibility

- *NMC & HCPC standards for Professional Practice.*
- *Accountability and responsibility for assessment, diagnosis and prescribing.*
- *Maintaining professional knowledge and competence in relation to prescribing.*
- *Accountability and responsibility to the employer.*

Supplementary Prescribing

- *Clinical Management Plans.*
- *Context of supplementary prescribing.*
- *Prescribing in partnership.*
- *Record keeping and documentation.*

Prescribing in the Public Health Context

- *Duty to patients and society.*
- *Policies regarding the use of antibiotics and vaccines.*
- *Inappropriate use of medication including misuse, under and over-use.*
- *Inappropriate prescribing, over and under-prescribing.*
- *Access to health care provisions and medicines.*

Drugs and illness Management

- *Pharmacology of resuscitation.*
- *Fever and antipyretics.*
- *OTC preparations.*
- *Drugs used in the management of infections.*
- *Drugs used in the management of respiratory conditions.*
- *Drugs used in dermatology.*
- *Drugs used in contraception.*
- *Pharmacological management of pain.*
- *The drug exposed individual*

Learning Activities

Interactive lectures, including web based, multimedia, interactive software in an online collaboration package, clinical seminars and tutorials; problem-based learning, class discussions and case presentations; self-directed learning; personal prescribing portfolio; supervised and reflective practice.

Notes

In addition to the graded assessments list above, competency will also be assessed in the following ways, all of which will be recorded as PASS or FAIL only:

- i. Numeracy exam (Part B of the formal exam) – a pass threshold of 100% must be achieved
- ii. Objective Structured Clinical Exam (OSCE)
- iii. Clinical Assessment Document
- iv. Law exam – a pass threshold of 50% must be achieved'

The Lecture hours include 1 hour for the Law exam and 1 hour for the OSCE.

Minimum Pass Mark (%): 50 – all assessment elements must be passed individually to pass the overall module.

Awarding institution Liverpool John Moores University

Teaching institution LJMU

Programme Sis Codes 33221 and 35253

Approved Intake twice yearly Semester 1 September/Semester 2 January

Programme Duration 26 Days theory and 90 hours clinical practice

Language of Programme All LJMU programmes delivered and assessed in English

The programme has been benchmarked against the following documents:

Part 1: Standards framework for nursing and midwifery education, Part 2: Standards for student supervision and assessment, Part 3: Standards for prescribing Programmes. (NMC 2018)

Standards for Prescribing (HCPC 2019).

A Competency Framework for all Prescribers (RPS 2016)

Programme accredited by Nursing and Midwifery Council and Health Care Professions Council

Validated target and alternative exit awards Continuing Professional Development - Independent and Supplementary Prescribing.

NMC registrants must be registered within five years of successfully completing the programme and if they fail to do so they will have to retake and successfully complete the programme in order to qualify and register their award as a prescriber
External Quality Benchmarks

All programmes leading to LJMU awards have been designed and approved in accordance with the UK Quality Code for Higher Education, including the Framework for Higher Education Qualifications in the UK (FHEQ) and subject benchmark statements where applicable. The University is subject to periodic review of its quality and standards by the Quality Assurance Agency (QAA) Published review reports are available on the QAA website at www.qaa.ac.uk Programmes which are professionally accredited are reviewed by professional, statutory and regulatory

bodies (PSRBs) and such programmes must meet the competencies/standards of those PSRBs.

Criteria for admission

Minimum Academic Entry Requirement:

A first Degree must normally be in a Health related area. Non-graduates may, in exceptional circumstances, gain entry to the programme by virtue of a strong portfolio which provides evidence of significant achievement. These must meet the following criteria: Have a Diploma of Higher Education in a related area (e.g. nursing or public health) and written work equivalent to the standard of a First Degree, for example: papers presented at conferences, publications, reports and innovative proposals, successful project management experience.

Professional Requirements:

NMC registrants: registered nurse (Level 1), midwife or SCPHN, registered with the NMC for a minimum of one year prior to applying for entry to the programme, normally one years' relevant experience in the clinical field in which they are intending to prescribe.

HCPC registrants: eligibility to prescribe, three years' relevant post-qualification experience in the clinical area in which they are intending to prescribe, working at advanced practitioner or equivalent level.

Recruitment: A coordinated approach to recruitment is established between the local NHS organisations and Liverpool John Moores University. Confirmation of satisfactory references and DBS check are also required. Completion of NWNMPEG application form. The prescribing courses are available to practitioners working in both the NHS and independent sector. You must meet NMC or HCPC entry criteria alongside any specific entry requirements set by your employer.

Support for students and their learning

The University aims to provide students with access to appropriate and timely information, support and guidance to ensure that they are able to benefit fully from their time at LJMU. All students are assigned a Personal Tutor to provide academic support and when necessary signpost students to the appropriate University support services.

Students are able to access a range of professional services including:

- Advice on practical aspects of study and how to use these opportunities to support and enhance their personal and academic development. This includes support for placements and careers guidance.
- Student Advice and Wellbeing Services provide students with advice, support and information, particularly in the areas of: student funding and financial matters, disability, advice and support to international students, study support, accommodation, health, wellbeing and counselling.

Methods for evaluating and improving the quality and standards of teaching and learning

Student Feedback and Evaluation: The University uses the results of student feedback from internal and external student surveys, module evaluation questionnaires and meetings with student representatives to improve the quality of programmes.

Staff development: The quality of teaching is assured through staff review and staff development in learning, teaching and assessment.

Internal Review: All programmes are reviewed annually and periodically, informed by a range of data and feedback, to ensure quality and standards of programmes and to

make improvements to programmes.

External Examining: External examiners are appointed to programmes to assess whether:

- the University is maintaining the threshold academic standards set for awards in accordance with the FHEQ and applicable subject benchmark statements
- the assessment process measures student achievement rigorously and fairly against the intended outcomes of the programme(s) and is conducted in line with University policies and regulations
- the academic standards are comparable with those in other UK higher education institutions of which external examiners have experience
- the achievement of students are comparable with those in other UK higher education institutions of which the external examiners have experience and to provide informative comment and recommendations on:
 - good practice and innovation relating to learning, teaching and assessment observed by external examiners
 - opportunities to enhance the quality of the learning opportunities provided to students

The clinical experience for this module consists of 12 days (78 hours or above) of supervised prescribing practice with a Practice Assessor (NMC) a Practice Supervisor (NMC) or Practice Educator (HCPC). Assessment of clinical practice hours are the responsibility of the Practice Assessor (NMC) or Practice Educator (HCPC). Unless competence is demonstrated in practice credit will not be released. The course meets the requirements and standards of both the NMC and HCPC and prepares students to prescribe safely and competently as an Independent Prescriber or Supplementary Prescriber to meet the needs of clients/patients and carers with whom you work. As a Supplementary Prescriber the student will work in a voluntary partnership with a Registered Medical Practitioner (a doctor or dentist) to implement an agreed patient-specific written Clinical Management Plan (CMP) with the patient's agreement. As an Independent Prescriber, the student will be responsible and accountable for the assessment of patients with undiagnosed or diagnosed conditions and for decisions about the clinical management required, including prescribing.

Details of Approved Variance to the Academic Framework Regulations:

Approved 20.12.2019 - A variance has been approved for 7100NPAPP that all components of the module must be passed including those contained within the practice competency. The examination element (weighted at 40%) has a pass mark of 80%. The numeracy assessment (written examination) within the practice / competency element has a pass mark of 100%

Start date of programme: 01-Sept-20