MODULE SPECIFICATION

Part 1: Information			
Module Title	Independent and / Or Supplementary Prescribing		
Module Code	UZTRTU-40-M	Level	Level 7
For implementation from	2023-24		
UWE Credit Rating	40	ECTS Credit Rating	20
Faculty	Faculty of Health & Applied Sciences	Field	Continuing Care Adult Nursing
Department	HAS School of Health and Social Wellbeing		
Module Type:	Module		

Pre-requisites	None
Excluded Combinations	Independent and / or Supplementary Prescribing 2023-24
Co-requisites	None
Module Entry Requirements	Must fulfil current entry requirements set by the General Pharmaceutical Council (GPhC), the Health and Care Professions Council (HCPC) or the Nursing and Midwifery Council (NMC) which are set out in the preselection forms. The training organisation must have signed and returned the course documentation agreeing that they understand and will provide support required for the student to complete the course.
PSRB Requirements	Must fulfil current entry requirements set by the General Pharmaceutical Council (GPhC), the Health and Care Professions Council (HCPC) or the Nursing and Midwifery Council (NMC) which are set out in the preselection forms.

Part 2: Description

Features: Module Entry requirements: Must fulfil current entry requirements set by the General Pharmaceutical Council (GPhC), the Health and Care Professions Council (HCPC) or the Nursing and Midwifery Council (NMC) which are set out in the preselection forms. The training organisation must have signed and returned the course documentation agreeing that they understand and will provide support required for the student to complete the course.

Educational Aims: The module multi-professional learning outcomes have been mapped to regulators standards for prescribing, such as, the GPhC, the HCPC and the NMC and should be appropriate to the student's profession and field of practice.

Outline Syllabus: The syllabus for the teaching reflects the Royal Pharmaceutical Society's multi professional Competency Framework for all prescribers and meets current regulatory requirements to register as an Independent and / or Supplementary prescriber.

Consultation, Decision-making and Therapy including Referral:
Models of consultation
Accurate assessment, history taking, communication and consultation with patients and their carers
Clinical examination skills relevant to therapeutic area including the use of common diagnostic aids
Concepts of working diagnosis or best formulation
Development of a management plan
Confirmation of diagnosis, further examination, investigation, monitoring and 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:
Understand the role and functions of other team members
Documentation, with particular reference to communication between team members including electronic prescribing and developing
Clinical Management
Plans for supplementary prescribing
Auditing, monitoring and evaluating prescribing practice
Interface between multiple prescribers and the management of potential conflict
Budget / cost effectiveness
Issues relating to relationship between the prescribing and the supply of medicines

Evidence-based Practice and Clinical Governance in relation to Independent and / or Supplementary 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
The related ethical issues, documentation, legal aspects and the registrants accountability related to the prescribing of botulinum toxin and related products
Duty of candour
Safe keeping of prescription pads, action if lost, writing prescriptions and record keeping
Awareness and reporting of fraud
Key Legislation including Human Medicines Regulations, Misuse of Drugs Act
Yellow card reporting to the Medicines and Healthcare Regulatory Agency

Prescribing in the policy context:
Manufacturers' guidance relating to literature, licensing and off-label use of medication
Ethical basis of intervention
Informed consent, with particular reference to client groups in learning disability, mental health,

children, the critically ill and emergency situations
Confidentiality, Caldicott and Data Protection and Freedom of Information

Professional Accountability and Responsibility:
Health Care Professions Council Code of Professional Conduct and Scope of Professional Practice
General Pharmaceutical Council Standards of conduct, ethics and performance
Nursing and Midwifery Council, Code of Professional Conduct and Scope of 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
Autonomous working and decision making within professional competence

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 overuse
Inappropriate prescribing, under and over-prescribing
Access to health care provisions and medicines

Applied Therapeutics (Including Pharmacokinetics and Pharmacodynamics):
Anatomy and pathophysiology
Outline consideration of the mechanism of action of major classes of drugs including those used to control pain, cardiac diseases, respiratory disorders, common gastrointestinal complaints, use of antimicrobial agents, common endocrine diseases and those drugs acting within the central nervous system
An introduction to the basic principles and factors which affect drug absorption, distribution, metabolism and excretion
Drug Interactions
Adverse Drug Reactions
Multiple drug therapy and the possibility of synergistic and antagonistic drug interactions
Physiological changes that occur in ageing
Pregnancy and Breastfeeding
Ethnicity and pharmacogenomics
Drug therapy in neonates, children and the elderly with reference to pharmacokinetics
Differential effects of drugs in diseased and healthy patients/subjects
Drug misuse and dependence

Teaching and Learning Methods: The module will include a range of teaching methods to maximise the learning experience for the diverse group of students enrolling on the course. It will include lectures and small group work where patient care and potential prescribing decisions are examined and reflected upon. Online resources will be used to develop and test numeracy skills. In addition a Virtual Learning Environment (VLE) community group will be used to support students' undertaking mandatory directed learning activities. Students will be encouraged to share and learn from each other using a variety of online discussion medias.

Whilst working in partnership with their prescribing assessor students will critically reflect and apply the principles of prescribing to their own sphere of practice. The use of a portfolio will be an effective means of demonstrating this ability to integrate theory to practice.

Contact Hours: To comply with regulators requirements for the blended learning prescribing programme at UWE, all students must attend the university for 12 face to face days, complete 14 directed learning days and the mandatory supervised learning in practice.

Part 3: Assessment

The assessment strategy within this module is rationalised to comply with the discrete assessment requirement standards of the General Pharmaceutical Council (GPhC), the Health and Care Professions Council (HCPC) and the Nursing and Midwifery Council (NMC). This assessment strategy ensures equality of student experience and proficiency as an Independent and / or supplementary prescriber, regardless of profession or previous experience. The individual assessment tasks are non-negotiable and must be completed and passed by all students. They are regularly updated to reflect current changes in legislation.

There are six assessment tasks; four are pass/fail (zero-weighted) and two are graded. The pass/fail tasks include an OSCE, a written examination incorporating applied pharmacology, a calculation/numeracy examination and a practice-based assessor sign-off confirming suitability for annotation as an independent and / or supplementary prescriber. The written exam is set at 2 ½ hours to ensure the requirement for content and format of exam is achievable.

The two graded assessment tasks comprise a portfolio which includes a Clinical Practice Algorithm and an essay which reflect the field of practice in which the student is to prescribe and includes a range of evidence mapped to the learning outcomes.

The portfolio is a complex piece of work which will allow the student to amply demonstrate the indicative qualities required at Level M. The Clinical Practice Algorithm is a decision making tool for the condition specific to the student's area of practice, based on current literature surrounding the chosen area. The student will review literature available relevant to their area of prescribing as well as apply the findings from the critical appraisal. Using this the student will then prepare and apply a treatment guideline in the form of a Clinical Practice Algorithm. The portfolio will be assessed against the indicative qualities required at Level M which have been set within the marking guidance.

To comply with HCPC, GPhC and NMC regulators` standards assessments are non-compensatory. In addition if students by omission of information or by an incorrect answer within assessments could cause direct harm to a patient then they must be referred, regardless of academic ability.

First Sit Components	**Final Assessment**	**Element weighting**	**Description**
Practical Skills Assessment			OSCE (Pass/Fail)
Examination			A 2 ½ hr unseen Applied Pharmacology Exam (80% must be attained to pass) (Pass/Fail)
Examination			Numeracy assessment (100% must be attained to pass) (Pass/Fail)
Written Assignment		50 %	1500 word written assignment in relation to students own area of practice (a mark of 50% or above must be attained to pass)
Written Assignment		50 %	Clinical Practice Algorithm in relation to students own area of practice (a mark of 50% or above must be attained to pass)
Professional Practice Report	✓		Assessor confirmation of successful completion of professional practice element (Pass/Fail)
Resit Components	**Final Assessment**	**Element weighting**	**Description**
Practical Skills Assessment			OSCE (Pass/Fail)
Examination			A 2 ½ hr unseen Applied Pharmacology Exam (80% must be attained to pass) (Pass/Fail)

Examination			Numeracy assessment (100% must be attained to pass) (Pass/Fail)
Written Assignment		50 %	1500 word written assignment in relation to students own area of practice (a mark of 50% or above must be attained to pass)
Written Assignment		50 %	Clinical Practice Algorithm in relation to students own area of practice (a mark of 50% or above must be attained to pass)
Professional Practice Report	✓		Assessor confirmation of successful completion of professional practice element (Pass/Fail)

Part 4: Teaching and Learning Methods

Learning Outcomes

On successful completion of this module students will achieve the following learning outcomes:

Module Learning Outcomes	**Reference**
Act autonomously as a prescriber within the limits of their confidence and competence, seeking guidance from another member of the healthcare team when appropriate	MO1
Critically evaluate the complexities of prescribing for specific populations including neonates, children and young people, pregnant and breastfeeding women and older people	MO2
Maintain competence and confidence as a prescriber through participation in, and documentation of, CPD; with reference to their appropriate professional framework	MO3
Critically evaluate and work within appropriate clinical governance frameworks as a prescriber, which include audit of prescribing	MO4
Critically evaluate and work within the ethical, legal and professional frameworks relating to their profession	MO5
Identify, critically appraise and use best sources of information to inform prescribing practice	MO6
Recognise, and evaluate influences on individual prescribing practice, and local and national drivers, to ensure safe, cost effective and ethical practice	MO7
Protect patient safety through recognition and prevention of medication errors, including those relating to medicines calculation errors	MO8
Ensure that decision making is appropriately documented and communicated to other members of the healthcare team	MO9
Systematically apply public health frameworks and different approaches for medicines use to prescribing in practice, including antimicrobial prescribing and infection prevention and control	MO10
Review and prescribe within the legislative framework relating to Independent and/or Supplementary prescribing for their profession, including: the prescribing of controlled drugs, the prescribing of unlicensed and off-label medicines, mixing and administration of medicines, and, the different prescribing and supply/administration mechanisms	MO11
Make and critically review shared prescribing decisions in partnership with the patient, taking into account their values, wishes and beliefs, and those of their families and carers	MO12
Make and critically review differential and working diagnoses within own area of practice, informed by: completion of a full medical and medication history, completion of physical examination using a range of diagnostic aids, and, a demonstrated understanding of the pathophysiology of the condition being treated	MO13

	Apply a critical understanding of the pharmacokinetics and pharmacodynamics of the medicines prescribed, and how these are affected by drug interactions and co-morbidities	MO14
	Effectively monitor and critically review prescribed treatment including: response to medicines; modifying or ceasing treatment appropriately, and, evaluation of the risks of adverse drug reactions (ADRs); taking steps to minimise the risks, and able to identify and report ADRs	MO15
	Develop, evaluate and use a Clinical Management Plan to support Supplementary Prescribing (in partnership with an independent prescriber), within the existing legal frameworks (relevant to OSCE and Clinical Practice Algorithm assessments for prescribers only)	MO16

Contact Hours		
	Independent Study Hours:	
	Independent study/self-guided study	130
	Total Independent Study Hours:	130
	Placement Study Hours:	
	Placement	90
	Total Placement Study Hours:	90
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	180
	Total Scheduled Learning and Teaching Hours:	180
	Hours to be allocated	400
	Allocated Hours	400

Reading List	
	The reading list for this module can be accessed via the following link: https://uwe.rl.talis.com/modules/uztrtu-40-m.html

Part 5: Contributes Towards
This module contributes towards the following programmes of study: Advanced Clinical Practice {Apprenticeship-UWE} [Glenside] MSc 2022-23 Advanced Practice [Sep][PT][Glenside][3yrs] MSc 2022-23