1. **Title of the module**

PHAM1005 - Introduction to Pharmacy: Professional Skills, Law and Ethics

1. **School or partner institution which will be responsible for management of the module**

Medway School of Pharmacy

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 4

1. **The number of credits and the ECTS value which the module represents**

30 credits (15 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Autumn and Spring

1. **Prerequisite and co-requisite modules**

Co-requisites:

PHAM1054 - Molecules, Cells and Body Systems: Cell Biology and Biochemistry

PHAM1003 - Molecules, Cells and Body Systems: Physiology and Pharmacology

PHAM1004 - Medicinal Products: Chemistry and Pharmaceutics for Pharmacy

1. **The programmes of study to which the module contributes**

MPharm (Master of Pharmacy)

1. **The intended subject specific learning outcomes.
On successfully completing the module students will be able to:**
2. Understand the roles and the responsibilities of the General Pharmaceutical Council and a basic knowledge of the legal framework within which a pharmacist works
3. Understand the ethical and legal responsibilities of the pharmacist
4. Have practical skills and an ability to dispense prescriptions in a simulated environment including assembly manufacture and dose calculation
5. Have knowledge and understanding of the documentary evidence required to be maintained by pharmacists to support their continuing professional development
6. Undertake pharmaceutical calculations without the use of a calculator
7. **The intended generic learning outcomes.
On successfully completing the module students will be able to:**
8. Knowledge of how the pharmacist may use communication and interpersonal skills to build working relationships with patients and colleagues
9. An ability to describe the range of skills required for lifelong learning
10. An ability to develop a portfolio, which reflects their progress in learning
11. **A synopsis of the curriculum**

This module aims to provide the foundation for the pharmacy practice theme which span all 4 years of the MPharm programme. Students will be given an introduction to dispensing and the legal and ethical responsibilities of pharmacists, and to the General Pharmaceutical Council. The Module also introduces students to the concept of continuing professional development (CPD) with the formation of a reflective portfolio. The module introduces students to the concept of safe dispensing, accurate dose and dosage calculation and commences preparation for the standards of numeracy expected of pharmacy students by the external regulator.

Specific learning objectives include:

1. Overview of Pharmacy Practice

* Functions of the General Pharmaceutical Council
* Function of the Royal Pharmaceutical Society
* Role of the pharmacist within the National Health Service (NHS) organisation

2. Professional Standards in Practice

* Code of Ethics and Professional Standards relating to pharmacy and pharmacy students
* CPD and use of a reflective portfolio
* Role of the GPhC in the maintenance of professional standards

3. Prescribing, Supply and Administration of Medicines

* Laws governing prescribing, supply and administration of medicines
* Ethical issues
* Interpretation of prescriptions in terms of legal validity, technical accuracy and clinical appropriateness (drug dosage and indication)
* Accurate dispensing of prescriptions
* Responding to symptoms – introduction – coughs and cold and dyspepsia

4. Communicating with Patients, Carers and Professionals

* Effective communication skills in pharmacy practice
* Sources of information on medicines
* Communication with patients, carers and professionals

5. An Introduction to Clinical Governance

* Responsibility and accountability of pharmacists for the services that they provide to patients, carers and professionals
* Pharmacy-related quality improvement activities
* Managing risks
* Procedures involved in identifying and addressing poor performance in pharmacists

6. Numeracy skills (‘does’)

* Basic numeracy skills (covering concepts and use of: decimals; fractions; ratios, proportions and parts; percentages; unit conversion)
* Estimate, approximate and check of mathematical working
* Pharmaceutical use of ratios and proportions
* Use of master formulae (scaling up and scaling down), including concentrations and dilutions
* Dose and Molar calculations
* Basic manipulation of simple equations, including algebraic handling of concentrations and dilutions

7. Competence in Study Skills

 7.1 Transferable Academic Skills

* How to study at university
* How to take notes in lectures
* Time management
* Effective reading for private study and coursework
* Effective assimilation of knowledge
* Referencing
* Effective written communication
	+ Academic writing
	+ Reflective writing
	+ Professional communications
* Planning your written work
* Effective verbal and non-verbal communication
* Exam revision

7.2 Pharmacy Study Skills

* Using the BNF
* Medical terminology
* Core drugs
* Continuing Professional Development
1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

The reading list for the module will be updated annually.

The current reading is available to students on the module Moodle page.

1. **Learning and teaching methods**

Total contact hours: 120

Placements: 15

Private study hours: 165

Total study hours: 300

1. **Assessment methods**
	1. Main assessment methods
2. Coursework (40% of module mark):
3. MCQ Assessment (50% of Coursework mark)
4. Written Assignment (50% of Coursework mark)
5. Written Examination, 3 hours (60% of module mark)
6. Professional Competency (Pass/Fail)
	1. Attendance (P/F) \*
	2. Professional Portfolio (P/F)\*\*
	3. Placements (P/F) #
	4. Pharmaceutical Calculations (P/F) ##

The pass mark for this module is 40%. Students must pass both the coursework overall and the examination element in order to satisfactorily complete the module. Students must pass the professional competency assessments in order to satisfactorily complete the module and to progress to the next stage of the MPharm programme:

\* Students who fail to meet the 80% threshold attendance at all scheduled coursework sessions (i.e. workshops, laboratory sessions and seminars) will have their coursework capped to the pass mark. Students who fail to meet the 60% threshold will be deemed not to have met the learning outcomes and will fail the module.

\*\* Successful completion of a Professional Portfolio

# 100% attendance is required for a Pass

##Requires 70% attainment for a Pass.

13.2 Reassessment methods

Like for like

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *8.5* | *9.1* | *9.2* | *9.3* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |
| *Private Studies* | X | X | X | X | X | X | X | X |
| *Lectures* | X | X |  | X |  | X | X |  |
| *Workshops* | X | X | X | X | X | X |  |  |
| *Laboratory sessions* | X | X | X | X | X | X |  |  |
| *Seminars* | X | X |  | X |  | X | X |  |
| *Placements* | X | X |  | X |  | X | X |  |
| **Assessment method** |  |  |  |  |  |  |  |  |
| *MCQ Assessment*  |  |  |  |  | X |  |  |  |
| *Written Assignment* |  | X | X |  |  | X |  |  |
| *Written Examination* | X | X | X | X | X | X | X |  |
| Professional Portfolio / Study Skills |  | X |  | X | X | X |  |  |
| *Attendance* | X | X | X | X | X | X | X | X |
| *Placements* |  |  | X |  |  |  |  |  |
| *Pharmaceutical Calculations* |  |  |  |  | X |  |  |  |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Medway

1. **Internationalisation**

One of the goals of the MPharm degree programme is to produce graduates who will eventually become registered pharmacists in the United Kingdom. However, many of our MPharm graduates have become successful pharmacists in the Republic of Ireland, Canada and other nations.

**FACULTIES SUPPORT OFFICE USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
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Revised FSO Jan 2018