
SECTION 1: MODULE SPECIFICATIONS

1. Title of the module: **Pharmacy Practice 2 (PHAM1009)**
2. School which will be responsible for management of the module: Medway School of Pharmacy
3. Start date of the module: **2010**
4. The cohort of students (onwards) to which the module will be applicable: **Stage 2 of the Masters in Pharmacy (MPharm) programme**
5. The number of students expected to take the module: **160**
6. Modules to be withdrawn on the introduction of this proposed module and consultation with other relevant Schools and Faculties regarding the withdrawal: **None**
7. Level of the module (*e.g. Certificate [C], Intermediate [I], Honours [H] or Postgraduate [M]*): **Intermediate**
8. The number of credits which the module represents: **30 credits**
9. Which term(s) the module is to be taught in (or other teaching pattern): **Terms 1 & 2**
10. Prerequisite and co-requisite modules: **A successful completion of all modules at stage 1, or graduation from the Foundation Degree in Pharmacy Practice.** Co-requisite modules are MDM2, PDDA3, and PDDA4. A minority of students are granted direct entry to PP2 module as part of their direct entry to Stage 2 of the MPharm programme
11. The programme(s) of study to which the module contributes: **Masters of Pharmacy (MPharm)**
12. The intended subject specific learning outcomes and, as appropriate, their relationship to programme learning outcomes

Aims

The aims of this module are to integrate the ethical, legal, professional and social issues relevant to professional practice and the patient-pharmacist relationship. The module furthers an awareness of patients as individuals in order for the pharmacist to meet healthcare needs as appropriate.

Learning Outcomes

On successful completion of this module, students will have demonstrated:

1. an increasing awareness of the ethical and legal responsibilities of the pharmacist, including their accountability in relation to supply, dispensing, medical and non-medical prescribing of medicines and appliances.
2. verbal and non-verbal communication skills appropriate to the situation.
3. an awareness of the patient as an individual including factors that may influence health behaviour such as age, gender, ethnicity, faith, illness and cultural background.
4. an insight into professional and social relationships in relation to patients and other health and social care professionals.
5. an ability to describe a consultation model based on concordance and discuss issues related to compliance and medicine taking.
6. an ability to undertake an assessment of health care needs with respect to patient history taking, differential diagnosis, appropriate referral and responding to symptoms.

The PP2 subject specific learning outcomes are as designed to help students to further develop the skills and knowledge they need as future health professionals and fit into the programme aims for the MPharm programme: Programme aims (1) (3) (4) (5) (6) (8) & (9). They also fit with the following programme learning outcomes: (PO16) (PO17) (PO18) (PO20-22) (PO25-37) (PO44-47) (PO51) (PO54) & (PO56).

13. The intended generic learning outcomes and, as appropriate, their relationship to programme learning outcomes:

Professional values attitudes and behaviours; communication skills; building inter- and intra-professional relationships; increasing awareness of the legal and ethics requirements of being a pharmacist. Practicing dispensing in a simulated environment. An ability to accurately perform pharmaceutical calculations. These skills achieved in PP2 are linked to the transferable skills identified in the programme learning outcomes numbers (PO57-60) (PO62-66) (PO69-70).

14. **A synopsis of the curriculum**

Indicative Content: A Framework for practice

- The NHS pharmacy contract
- Prescribing, supply and administration of medicines, including pharmaceutical calculations.
- Ethical challenges in practice
- Patient confidentiality and consent

Communicating and individualising Care

- Communication and consultation skills
- Concordance, and compliance (adherence)
- Age, gender, ethnicity, faith and cultural background

Patient Assessment and treatment

- Taking a medication history
- Responding to symptoms
- Patient case histories
- Complimentary therapies
- Adverse drug reactions (ADRs) and drug interactions

15. Indicative Reading List

ISBN Number	Author	Date	Title	Publisher
1900603578*	Bonner, M. Wright, D. George, B	2010	Practical Pharmaceutical Calculations	Radcliffe
0853698272	Appelbe, G.E. & Wingfield J.	2009	Dale & Appelbe's Pharmacy Law and Ethics, 9th Ed.	Pharmaceutical Press
1405180795	Blenkinsopp, A. Paxton, P. & Blenkinsopp, J.	2008	Symptoms in the Pharmacy, 6th Edition	Blackwell Publishing
0853699316	BMA /RPS	2011	British National Formulary, 62nd Edition	Pharmaceutical Press
0853699577	RPS	2011	Medicines, Ethics and Practice Guide, 35th edition.	Pharmaceutical Press

Suggested Reading				
0702029955	Rutter, P	2008	Community Pharmacy: Symptoms, Diagnosis and Treatment 2 nd edition	Elsevier
0853696896	Wingfield J and Badcott, D	2007	Pharmacy Ethics and Decision Making	Pharmaceutical Press

Titles indicated with an * will be issued to students

16. **Learning and Teaching Methods**, including the nature and number of contact hours and the total study hours which will be expected of students, and how these relate to achievement of the intended learning outcomes:

*Hours reduced from 358 to 335, Placement, assessment and private study hours reduced. **Total hours include 300 hours of teaching and 35 hours of community pharmacy placement**

Summary of Learning and Teaching Activities

Lecture	Workshops/ dispensing labs	Seminar	Practice Pharmacy Placement	Private Study	MSCL/CAL	Formal assess ment	Total hours
30	48	10	60	90	91	6	335*

Directed Learning and Teaching Activities

Activity	Lectures	Workshops	MSCL/CAL	Total hours
Individualising care	8	1x3h	18	29
Patient assessment and treatment	10	2x3h	27	43
A framework for practice, inc' dispensing labs	12	13x3h	46	97
Seminars*				10
Placements				60
Private study				90
Formal assessment including Dispensing exam				6
Total hours	30	48	91	335

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The framework for pharmacy practice involves gaining knowledge about professional values attitudes and behaviours and working in a simulated environment to improve knowledge about the use of medicines and the legal and ethical requirements of a pharmacist including the requirements for prescriptions.

The learning about communications, behavioural change, communication theories and experiential learning from placements will help students to develop their communication skills; building inter- and intra-professional relationships; to enable them to undertake patient assessment and treatment and to individualise patient care.

An ability to accurately perform pharmaceutical calculations without a calculator is a key skill for practising pharmacists, a requirement for professional registration and will, therefore, underpin individualising patient care, and the framework for professional practice.

17. **Assessment methods** and how these relate to testing achievement of the intended learning outcomes

Methods of assessment	Learning outcomes assessed	Weighting	Outline details
Continuous assessment	1-6	PASS required	Satisfactory attendance and performance at all scheduled coursework sessions which are workshops, dispensing laboratories, placements and seminars*
		40%	Interim assessments: MCQ (1x10%) Written assessment: (1 x 10%) 1 hr Practical dispensing exam (1 x 20%)
		PASS required	MyFolio entry completed
Dispensing Exams	1-6	PASS	1 x 1 hour pharmaceutical calculations paper
Examination	1- 6	60%	1 x 3 hour examination

The pass mark for this module is 50% overall with a minimum mark of 45% in the coursework and examination. (With the exception of the dispensing exam where a minimum mark of 50% must be achieved).

The Pharmacy calculations examination is Pass/Fail and to achieve a pass you will need to have a minimum of 70%.

Additionally lab books / worksheets/ placement handbooks must be maintained to the required standard.

It should also be noted that neither compensation nor condonement may be applied to this course.

The pass mark of 50% is required by the professional regulator for all professional modules in the MPharm programme.

The 70% assessment mark in calculations mirrors the mark required to pass the registration examination and is used to help us prepare students and test them at a level to help them develop the ability to accurately perform calculations in the time pressured conditions they will face when aiming to register as a pharmacist.

Students who fail to meet the required level of attainment for the written assessments, may be allowed up to one further attempt at demonstrating competency prior to Exam Board.

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* Satisfactory attendance and performance at all scheduled coursework sessions is normally defined as a minimum of 80% attendance (all classes excluding lectures).

Note: Each day of placement activity is equivalent to 2 laboratories/workshops.

Community Pharmacy Placements: Students who have completed the FdPP programme are exempt from attending community pharmacy placement in PP2 due to their previous academic placement experience.

- 18. Implications for learning resources, including staff, library, IT and space: **There are no additional requirements beyond standard MPharm space and services.**
- 19. The School recognises and has embedded the expectations of current disability equality legislation, and supports students with a declared disability or special educational need in its teaching. Within this module, we will make reasonable adjustments wherever necessary, including additional or substitute materials, teaching modes or assessment methods for students who have declared and discussed their learning support needs. Arrangements for students with declared disabilities will be made on an individual basis, in consultation with the University's disability/dyslexia support service, and specialist support will be provided where needed.

SECTION 2: MODULE IS PART OF A PROGRAMME OF STUDY IN A UNIVERSITY SCHOOL

Statement by the School Director of Learning and Teaching "I confirm I have been consulted on the above module proposal and have given advice on the correct procedures and required content of module proposals"

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Director of Learning and Teaching/Director of Graduate Studies (delete as applicable) Date

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Print Name

Statement by the Head of School: "I confirm that the School has approved the introduction of the module and, where the module is proposed by School staff, will be responsible for its resourcing"

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Head of School Date

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Print Name