

Medicines and Health

Module Code:	PHA4010-C
Academic Year:	2018-19
Credit Rating:	30
School:	School of Pharmacy and Medical Sciences
Subject Area:	Pharmacy
FHEQ Level:	FHEQ Level 4

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Seminar	14
Practical classes and	29
Directed Study	257

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims

To provide students with an introduction to the regulations and principles governing the safe supply of medicines, along with the pharmacists' role in supporting the public health agenda.

Outline Syllabus

Explore patient-centred approaches to health and illness, including preventative measures, by developing an understanding of:

- The determinants of health and illness.
- Theories, models and concepts that inform the practice of and techniques used in effective health promotion.
- Factors affecting health behaviours and how they can be influenced.

- The role of the pharmacy team in promoting health and wellbeing.
- Health inequalities.
- Structuring patient-centred communication and consultation skills (e.g. responding to symptoms)
- Government strategies for improving public health and wellbeing and for reducing health inequalities including NHS values.
- Interpreting data from simple health profiles.
- The economic, societal and individual benefits of preventing disease and the early detection of disease.
- Understanding of the terminology of public health in order to understand the variation in public health needs and interventions for a range of different populations.
- Reference sources for providing advice on: a balanced and healthy diet; a safe alcohol intake; the benefits of stopping smoking; engaging in an appropriate level of physical activity.
- Personal Disease Prevention including travel health, vaccination, and infectious disease and antimicrobial stewardship.

To introduce and explore the legal and ethical framework for healthcare, pharmacy and medicines supply including:

- Code of Ethics and Standards for Pharmacy Professionals (including all associated guidance e.g. consent, capacity, safeguarding, raising concerns etc)
- Human Medicines Regulations and Misuse of Drugs Regulations.
- Responsible Pharmacist Regulations.
- Data Protection Act.
- Identifying, differentiating, reading and interpreting prescriptions.
- Labelling and dispensing prescriptions.
- Record keeping.
- Standard Operating Procedures (SOP).
- Principles of Clinical Governance.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Apply the principles of public health and facilitate behaviour change to improve health.
- 2 Explore patient-centred approaches to communication & consultation, health & illness including preventative measures by developing an understanding of public health and health promotion.
- 3 Identify the health needs of a defined population and recognise appropriate pharmaceutical services to meet these needs.
- 4 Provide appropriate basic advice to patients and the public on healthy diet, physical activity, benefits of stopping smoking and safe alcohol use.
- 5 Explain and apply the legal and ethical framework for healthcare and pharmacy.
- 6 Apply the legal framework and professional standards for the safe and legal supply of medicines and advice against simple single-item prescriptions.
- 7 Understand their role within a team.

Learning, Teaching and Assessment Strategy

Students will develop the knowledge, understanding and skills necessary to meet the learning outcomes of the module through the programme's instructional learning and teaching strategy; Team-Based Learning (TBL). By studying the core knowledge-based content of the module out of class through guided reading, supported by orientational lectures students will engage in group activities to ensure understanding and application their developed knowledge. Activities will be based in a number of settings including classrooms and laboratories.

Resources for self-directed study will be provided for students. Self-directed study will include guided reading and completion of TBL Study Packs, preparation for RAPs, Application Exercise and workshop/prescription processing sessions.

Students are assessed via a range of assessments, including both individual and team assessments. Students are assessed through a number of individual readiness assurance tests (iRAT) throughout the academic year. On completion of the iRAT assessment, students form their pre-assigned teams (5-7 students) and retake the assessment as a team (tRAT). Once all of the answers have been collated, students receive instant in-class feedback from the academic expert. In subsequent sessions, teams of students will apply their new knowledge to a number of formative and summative Application Exercises (AE), including role plays, problem solving and laboratory experiments and submission of reports. At the end of the academic year, summative assessment of learning outcomes is through a written and a practical examination. To pass the module, students will need to demonstrate a pass standard of 40% in the module overall and must also achieve at least 40% in each of the written and practical examinations.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Referral	Examination - practical/lab oratory	Individual practical dispensing exam [MUST PASS at 40%]	1.5 hours	35%	No
Summative	Examination - practical/lab oratory	Individual practical dispensing exam [MUST PASS at 40%]	1.5 hours	35%	No
Formative	Examination - practical/lab oratory	Mock Dispensing Exam	1.5 hours	%	No
Formative	Examination - MCQ	Sample written exam	1.5 hours	%	No

Referral	Examination - closed book	Individual written exam [MUST PASS at 40%]	1.5 hours	35%	Yes
Summative	Examination - closed book	Individual written exam [MUST PASS at 40%]	1.5 hours	35%	Yes
Referral	Coursework	An individual summative reflection (instead of classroom tests)	0-1000 words	30%	No
Summative	Classroom test	Peer review	1 hour	5%	No
Summative	Classroom test	Application Exercises / Prescription Processing tasks	3.5 hours	5%	No
Summative	Classroom test	Readiness Assurance Process (Individual Readiness Assurance Tests (iRATs) 15% and Team Readiness Assurance Tests 5%)	3.5 hours	20%	No
Formative	Classroom test	Formative peer review	1 hour	%	No
Formative	Classroom test	Application Exercises / Prescription Processing tasks	3.5 hours	%	No
Formative	Classroom test	Readiness Assurance Process (RAP)	3.5 hours	%	No

Legacy Code (if applicable)

Reading List

To view Reading List, please go to [rebus:list](#).

