



## Course Syllabus

<b>Course Code</b>	<b>Course Title</b>	<b>ECTS Credits</b>
IMPH-401	Pharmacy Practice II/ Φαρμακευτική Πρακτική II	6
<b>Prerequisites</b>	<b>Department</b>	<b>Semester</b>
IMPH-400	Health Sciences	Fall/Spring
<b>Type of Course</b>	<b>Field</b>	<b>Language of Instruction</b>
Compulsory	Pharmacy	Greek/English
<b>Level of Course</b>	<b>Lecturer(s)</b>	<b>Year of Study</b>
1 <sup>st</sup> Cycle	Dr. Aliko Peletidi & Ms Elli Philippou	4 <sup>th</sup>
<b>Mode of Delivery</b>	<b>Work Placement</b>	<b>Corequisites</b>
Face-to-face	Simulation pharmacy	N/A

### Course Objectives:

The main theme of this module is patient care. Pharmacists are significantly involved in “patient counselling” activities. PHAR 401 will develop students’ ability to undertake full patient case review, apply pharmaceutical and critically review care plans. Students will be able to discuss the use of evidence-based medicine in clinical practice, interpret new evidence, and make clinical predictions for safe patient care. Students will critically review the pharmacist’s role as a prescriber. The module will provide knowledge, understanding and skills in Medicines Use Review, audit and risk management, formularies, guidelines, and protocols. Students will review and describe clinical cases, that demonstrate a range of pharmaceutical care issues focusing on the ways in which pharmacists can contribute to the quality of patient care and improve patient outcomes.

The aims of this module are to enable students to:

- practice in the simulation pharmacy
- understand and explain the role of medicines in evidence-based practice
- develop an in-depth understanding of the role of pharmacy in health promotion, responding to symptoms and in health and social care
- discuss the new technological advances in pharmaceutical practice  
identify the scope of the professional role, accountability, and ethical responsibilities in their practice of pharmacy

## Learning Outcomes:

After completion of the course students are expected to be able to:

- further develop dispensing, problem-solving and communication skills in practical classes and in workshop sessions
- explain the role of medicines and pharmacists in health promotion, health and social care
- apply clinical guidelines, protocols, and evidence-based practice
- understand and discuss clinical disease management
- describe the political and legal framework for health care systems
- identify the role of new technological advances in pharmaceutical and therapeutic practice
- understand and apply the rules of prescribing and interpret medicines usage data
- apply safe dispensing of medicines
- demonstrate effective communication skills on the use of medicines
- demonstrate an appropriate level of professionalism
- practice in a simulated pharmacy environment

## Course Content:

Students will work in problem-based learning groups.

### SERIES A:

- Responding to symptoms: Childhood conditions (station 6 preparation)
- Responding to Symptoms: GI I (station 6 preparation)
- Responding to Symptoms: GI II (station 6 preparation)
- Responding to Symptoms: GI III (station 6 preparation)
- Responding to Symptoms: Respiratory I
- Responding to Symptoms: Respiratory II
- Sports Injury Case integration
- Cold and Flu Case integration

### SERIES B:

- Patient centered approach in Community Pharmacies through case scenarios
- Advanced use of the BNF and other resources (SmPC, PIL, guidelines)
- Standards for Pharmacy Professionals / "The seven stars pharmacist"
- Advanced Communication skills in the pharmacy (station 8)
- Labelling techniques & Scenario based learning – OSCE preparation (station 4: products and labelling)
- CVD Screening in the pharmacy & Scenario based learning – OSCE preparation (station 5: Screening in the pharmacy)
- Scenario based learning – OSCE preparation (Diabetes screening in the community)
- Scenario based learning – OSCE preparation (station 2: drug interactions)

- Scenario based learning – OSCE preparation (station 7: OTC)
- Scenario based learning – OSCE preparation (station 1: COPD)
- Pregnancy and Breast feeding
- Interprofessional Relationship and communication and patients' benefit
- Medication Review Intervention in the pharmacy

**SIMULATION SESSIONS:**

- Simulation Pharmacy Lab (inhaler techniques and advice for OTC medications on how to use as well as training in communication skills)

**HEALTH PROMOTION CAMPAGINS**

- Digital public health campaigns
- Face to face clinics

**Learning Activities and Teaching Methods:**

class discussion, assignments, videos, group-based learning/ experiential learning, interactive lectures, practicals, OSCEs (Obstructive Structured Clinical Examinations)

**Assessment Methods:**

**Health promotion campaigns**

**OSCE (Pass / Fail\*)**

**Final exam**

C) For those that fail the 1<sup>st</sup> OSCE examination, they will be examined again in January. If they fail again, in September they will retake both OSCE **and** the final examination in order to pass

**Required Textbooks / Readings:**

Title	Author(s)	Publisher	Year	ISBN
British National Formulary 78 (BNF)	Joint Formulary Committee	Pharmaceutical Press	Sep 2021- March 2022	

British National Formulary for Children (BNFC) 2016-2017	Joint Formulary Committee	Pharmaceutical Press	Sep-2016-17	978 0 85711 306 1
Community Pharmacy Symptoms, Diagnosis and Treatment	Paul Rutter	Churchill Livingstone-Elsevier	Third edition 2013	ISBN 978-0-7020-5018-3
Paul Rutter Επιμέλεια Ελληνικής Έκδοσης Αντρεας Παπαπετροπουλος Χριστος Πετρου	Κοινοτική Φαρμακευτική: Συμπτώματα, Διαγνώση και Θεραπεία (4 <sup>η</sup> εκδ.)	ΠΑΡΙΣΙΑΝΟΥ Α.Ε.	2019	9789-60583-451-7
Pharmaceutical Practice	A. J. Winfield, R. M. E. Richards	Churchill Livingstone	2004	0-443-07206-X
Pharmacy OSCEs – A revision guide	Beti Wyn Evans, Laura Kravitz, Nina Walker, Kelly Lefteri	Pharmaceutical Press	2013	978 0 85711 0435