



Course Code PHAR-400	Course Title Medicines and Professional Practice /Φάρμακα και Επαγγελματική Πρακτική	Credits (ECTS) 4
Department Life & Health Sciences	Semester Fall	Prerequisites PHAR301, PHAR365, 366, 380
Type of Course Required	Field Pharmacy	Language of Instruction Greek/English
Level of Course 1 st Cycle	Year of Study 4 th year	Lecturer Michalis Petrides
Mode of Delivery face-to-face	Work Placement N/A	Co-requisites None

Objectives of the Course:

The main theme of this course is patient care. Pharmacists are significantly involved in “patient counseling” activities. Often, pharmacists will counsel patients without fully understanding the ways in which their approach may inspire or alienate a patient. Within the counseling literature, there are many theories regarding optimal approaches to counseling patients. In this course, you will learn about these psychological theories and how they may be applied to improve the quality of patient counseling, and patient care.

The aims of this module are to enable students to:

- Practice in the simulation pharmacy
- critically evaluate the role of medicines in evidence based practice
- develop an in-depth understanding of the role of pharmacy in public health and in health and social care
- critically appraise and evaluate new technological advances in pharmaceutical Practice
- evaluate 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:

- critically evaluate the role of medicines and pharmacists in public health, health and social care
- critically evaluate the application of clinical guidelines and evidence based practice
- critically evaluate clinical disease management and care plans
- critically examine the political and legal framework for health care systems

- critically evaluate the role of new technological advances in pharmaceutical and therapeutic practice
- demonstrate the ability to design, monitor and evaluate care plans, protocols and guidelines
- demonstrate the ability to critically evaluate prescribing and interpret medicines usage data
- demonstrate effective communication skills on the use of medicines demonstrate an appropriate level of professionalism and application of ethics
- critically examine recent changes in Pharmacy law and professional practice
- practice in a simulated pharmacy environment

Course Contents:

This module develops the students' ability to undertake full patient case analysis, create pharmaceutical care plans and to critically appraise and review care plans by the monitoring of outcomes. Students will be able to evaluate the use of evidence-based medicine in clinical practice, analyse new evidence, problem solve and make clinical judgments 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. Strategies in medicines management and usage to meet the needs of vulnerable people such as the elderly are included. Students will undertake evaluation and analysis of clinical cases, including admission and discharge planning, 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.

Students awareness of public health in terms of understanding of scientific reasoning in the practice of public health; the principles of healthcare planning, prioritisation of service; communicable disease control is strengthened. Health economics, in terms of an understanding of the basic concepts including the cost of patient management and rationing, is dealt with. The module will cover aspects of behavioral sciences, psychology and sociology, dealing with issues such as: behaviour and relationships between an individual and family, social groups, society, the physical environment, and be able to critically analyse the patient's relationship with healthcare professionals. Students will work in problem based learning groups. Students will practice in the Simulation Pharmacy and will have to handle with problem solving as well with real pharmacy scenarios. Obstructive Structured Clinical Evaluation Scenarios will be applied.

Learning Activities and Teaching Methods:

Lectures, class discussion, assignments, practicals

Assessment Methods:

Final Examination, Course work

Required Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
Jean-Venable R.	Community Pharmacy	American		

<u>Goode</u>	Practice Case Studies	Pharmacy Association		
Langley, Christopher A; Belcher, Dawn	Applied Pharmaceutical Practice	Pharmaceutical Press		

Recommended Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
Whalley, Ben J; Fletcher, Kate; Weston, Sam; Howard, Rachel; Rawlinson, Clare	Foundation in Pharmacy Practice	Pharmaceutical Press		