

Course title	Χρόνια Νοσήματα και Παροχή Υπηρεσιών από το Κοινοτικό Φαρμακείο/Chronic diseases and Pharmacy-led service provision				
Course code	PHPR-605G				
Course type	Required				
Level	2 nd Cycle				
Year / Semester	1 st /Spring				
Teacher's name	Eleftheria Galatou				
ECTS	10	Lectures / week	3	Laboratories / week	
Course purpose and objectives	<p>Pharmacists are increasingly recognised as key providers in primary healthcare by providing services related to drug use and chronic diseases management. The module aims to enable students to acquire the necessary knowledge about chronic diseases as well as the necessary knowledge and skills to provide the services related to the pharmacotherapy of chronic diseases, which they will be able to offer as tomorrow's professionals within the context of the community pharmacy.</p> <p>The main objectives of the course are:</p> <p>In-depth knowledge of chronic diseases in the community pharmacy sector Up-to-date knowledge of new drug therapy Solving clinical scenarios for the most common chronic conditions Develop students' communication skills in a safe environment with the goal of effective patient care Medication use reviews (including adherence, compliance, and concordance) Pharmacotherapy optimisation</p>				
Learning outcomes	<p>After completing this module, the student is expected to be able to:</p> <p>critically appraise general scheme of providing services related to the pharmacotherapy of chronic diseases Appraise and apply treatment guidelines and protocols Explain all the steps that they need to take to get a medical history evaluate drug interactions to minimise the occurrence of adverse reactions in clinical practice 3. Evaluate the clinical effects of the safety and efficacy of the drugs Apply and evaluate guidelines such as NICE, SIGN, ESC to make appropriate decisions regarding patients' pharmacotherapy Develop the knowledge, critical thinking, and skills through relevant clinical-based scenarios Apply this knowledge to optimise the health and quality of life of patients by effective, safe, and cost-effective medication administration</p>				
Prerequisites	None		Required		
Course content	<ul style="list-style-type: none">• Introduction to Chronic Diseases and Pharmacotherapy<ul style="list-style-type: none">○ Overview of chronic diseases and pharmacotherapy approaches○ Introduction to patient perspectives and personalized medicine				

	<ul style="list-style-type: none"> • Cardiovascular Diseases and Pharmacotherapy <ul style="list-style-type: none"> ○ General aspects and related pharmacotherapy for CVDs • Respiratory and Endocrine Disorders <ul style="list-style-type: none"> ○ Pharmacotherapy for: <ul style="list-style-type: none"> ▪ Asthma and COPD ▪ Diabetes Mellitus ▪ Thyroid Disorders • Mental Health Disorders <ul style="list-style-type: none"> ○ Pharmacotherapy for: <ul style="list-style-type: none"> ▪ Depression, Anxiety, and Schizophrenia ▪ Dementia • Musculoskeletal and Rheumatic Disorders <ul style="list-style-type: none"> ○ Pharmacotherapy for: <ul style="list-style-type: none"> ▪ Osteoporosis ▪ Rheumatoid Arthritis and Osteoarthritis ▪ Gout • Gastrointestinal and Renal Disorders <ul style="list-style-type: none"> ○ Pharmacotherapy for: <ul style="list-style-type: none"> ▪ Irritable Bowel Syndrome and Ulcerative Colitis ▪ Chronic Renal Failure and Chronic Liver Failure • Dermatological and Miscellaneous Conditions <ul style="list-style-type: none"> ○ Pharmacotherapy for: <ul style="list-style-type: none"> ▪ Decubitus Ulcer • Geriatric Pharmacy Practice and Patient Education <ul style="list-style-type: none"> ○ Geriatric considerations in pharmacotherapy ○ Strategies for effective patient education in chronic disease management • Dispensing Prescription Medicines and Pharmacotherapy Services <ul style="list-style-type: none"> ○ Dispensing protocols and procedures ○ Introduction to the New Medicine Service and Medicines Reconciliation Service • Pharmacotherapy Management and Optimisation <ul style="list-style-type: none"> ○ Optimising pharmacotherapy for chronic conditions ○ Prevention of pharmacotherapeutic problems and monitoring strategies • Emerging Concepts in Pharmacy Practice <ul style="list-style-type: none"> ○ Introduction to green pharmacy practices ○ Understanding biologicals and their impact on treatment • Integrated Care and Future Perspectives <ul style="list-style-type: none"> ○ Mentalisation in pharmacy practice
Teaching methodology	e-Learning, problem-based scenarios, experiential workshops, recorded lectures, synchronous teaching (Webex)
Bibliography	Applied Therapeutics: The Clinical Use of Drugs. Koda-Kimble, Young. Lippincott Williams and Wilkins. Current Edition

	Clinical Pharmacy and Therapeutics, Walker, and Whittlesea. Churchill Livingstone current edition Pathology and Therapeutics for Pharmacists: A Basis for Clinical Practice. Green and Harris. Pharmaceutical Press. Current edition
Assessment	Continuous Assessment 40% Final Exam 60%
Language	English/Greek