

**DESCRIPTION OF COURSE UNIT FOR DOCTORAL STUDIES  
AT VILNIUS UNIVERSITY**

<b>Scientific Area/eas, Field/ds of Science</b>	Medical and Health Sciences (M 000): Medicine (M 001); Pharmacy (M 003); Public Health (M 004); Nursing (M 005)			
<b>Faculty, Institute, Department/Clinic</b>	Faculty of Medicine Institute of Biomedical sciences Department of Pathology, Forensic medicine and Pharmacology			
<b>Course unit title</b> (ECTS credits, hours)	<b>Drug Utilisation Research</b> 5 credits (133 hours)			
<b>Study method</b>	<b>Lectures</b>	<b>Seminars</b>	<b>Consultations</b>	<b>Self-study</b>
Number of ECTS credits	-	0,8	0,2	4
<b>Method of the assessment</b> (in 10 point system)	Preparation and presentation of presentation and its evaluation: the topic of presentation is coordinated with the supervisor (the doctoral student must analyze, review and present the latest scientific publications related to the respective topic). Criteria for evaluation of the presentation (minimum score - 5): (a) relevance and novelty of the material presented (2 points); (b) general structure and scope of the presentation (2 points); (c) summarising, presentation and justification of conclusions (1 point); (d) identifying problematic issues, discussing the relevance to the preparation of theses (3 points); (e) visualization of the data, ability to participate in discussions, management of questions (2 points).			
<b>PURPOSE OF THE COURSE UNIT</b>				
To give theoretical knowledge and practical skills on drug utilization research, its historical development, objectives, methods and				
<b>THE MAIN TOPICS OF COURSE UNIT</b>				
<p><b>Introduction to drug utilisation research:</b> history of drug utilisation research, definition and delineation.</p> <p><b>Methodology of drug utilisation research:</b> study design, primary and secondary data sources for drug utilisation, classification systems for drugs and diseases, measurement units of drug utilisation, basic statistical methods in drug utilisation research, visualization of drug utilization data, defining and developing quality indicators for drug utilisation, qualitative methods in drug utilisation research.</p> <p><b>Applied drug utilisation research:</b> comparative drug utilisation research, drug utilisation and health policy, drug utilisation in specific population, drug utilisation in specific therapeutic areas, determinants of drug utilisation, adherence and drug utilisation research, the role of drug utilisation within the field of pharmacoepidemiology, assessment and improvement of the quality of medicine use.</p>				
<b>RECOMMENDED LITERATURE SOURCES</b>				
<ol style="list-style-type: none"> <li>1. Drug utilisation research: methods and applications. Ed. Elseviers M et al. Wiley Blackwell, 2016.</li> <li>2. Strom BL. Pharmacoepidemiology. 6th ed. 2019.</li> </ol>				

<b>CONSULTING LECTURERS</b>
1. <u>Coordinating lecturer</u> : Jolanta Gulbinovič (Prof. Dr.)
2. Ingrida Lisauskienė (Assist. Prof. Dr.)
<b>APPROVED:</b>
By Council of Doctoral School of Medicine and Health Sciences at Vilnius University: 29 <sup>th</sup> of September 2022
Chairperson of the Board: Prof. Janina Tutkuvienė