


KAPITAŁ LUDZKI
 NARODOWA STRATEGIA SPÓJNOŚCI

 Projekt współfinansowany przez
 Unię Europejską w ramach
 Europejskiego Funduszu
 Społecznego

UNIA EUROPEJSKA
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 FUNDUSZ SPOŁECZNY


Course title		ECTS code	
Fundamentals of pharmacology		13.3.0426	
Name of unit administrating study			
null			
Studies			
faculty	field of study	type	wszystkie
Wydział Biologii	Biologia medyczna	form	wszystkie
		specjalty	wszystkie
		specialization	wszystkie
		type	drugiego stopnia
Wydział Biologii	Biologia	form	stacjonarne
		specjalty	wszystkie
		specialization	wszystkie
		type	pierwszego stopnia
Wydział Chemii	Chemia	form	stacjonarne
		specjalty	chemia biomedyczna, chemia kosmetyków
		specialization	wszystkie
		type	wszystkie
Teaching staff			
dr hab. Elżbieta Kamysz, profesor uczelni			
Forms of classes, the realization and number of hours		ECTS credits	
Forms of classes		2 classes - 30 h tutorial classes – 5 h student's own work – 15 h Total: 50 h - 2 ECTS	
Lecture			
The realization of activities			
classroom instruction			
Number of hours			
Lecture: 30 hours			
The academic cycle			
2023/2024 summer semester			
Type of course		Language of instruction	
- an elective course - obligatory		polish	
Teaching methods		Form and method of assessment and basic criteria for evaluation or examination requirements	
multimedia-based lecture		Final evaluation	
		Graded credit	
		Assessment methods	
		written assessment in the test form	
		The basic criteria for evaluation	
		1. The final assessment on pharmacology will be in the written form. It will consist of test questions covering the lecture material. 2. The condition for graduating the subject is to obtain at least a satisfactory grade (at least 51%).	
Method of verifying required learning outcomes			
Required courses and introductory requirements			
A. Formal requirements			
none			
B. Prerequisites			
none			

<p>Aims of education</p> <p>C1. Acquisition of definitions and basic terms in the field of pharmacology. C2. Distinguishing the forms of medicines and their correct use. C3. Distinguishing the basic groups of medicines used in diseases of the circulatory, respiratory, digestive and nervous system. Negative side effects of medicines and their interactions with other medicines and food products.</p>	
<p>Course contents</p> <p>Course contents</p> <ol style="list-style-type: none"> 1. General pharmacology. 2. Painkillers: narcotic and non-narcotic. 3. Medicines used in the respiratory system diseases. 4. Medicines used in the digestive system diseases. 5. Medicines used in the circulatory system diseases 6. Hormones as medicines. 7. General chemotherapy. Antimicrobial and antiviral medicines. 8. Medicines affecting the nervous system. 9. Anticancerous agents. 10. Pharmacological basis for poisoning treatment. Medicine-related complications. 11. Pharmacogenetics. 	
<p>Bibliography of literature</p> <p>Literature required to pass the course</p> <p>A.1. E. Mutschler „Farmakologia i toksykologia” Urban & Partner, 2010 A.2. E. Mutschler „Kompendium farmakologii i toksykologii” MedPharm 2008</p> <p>Extracurricular readings</p> <p>G. Rajtar-Cynke „Farmakologia” Czelej, Lublin, 2002</p>	
<p>The learning outcomes (for the field of study and specialization)</p>	<p>Knowledge</p> <p>explains the basic terms and issues in the field of general pharmacology; knows the main mechanisms of action of medicines; has knowledge about the study of new medicines; is able to characterize selected groups of medicines; knows the procedure of reporting negative side effects; has a basic knowledge of the possible interactions between medicines and between medicines and nutrients;</p>
	<p>Skills</p> <p>is able to use sources of information about medicines; uses basic pharmacological knowledge regarding the choice of the form and route of administration of medicines, therapeutic effect and side effects;</p>
	<p>Social competence</p> <p>is aware of the therapeutic and adverse effects of medicines; understands the need for continuous training and development as well as the search for new medicines;</p>
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