


KAPITAŁ LUDZKI
 NARODOWA STRATEGIA SPÓJNOŚCI

 Projekt współfinansowany przez
 Unię Europejską w ramach
 Europejskiego Funduszu
 Społecznego

UNIA EUROPEJSKA
 EUROPEJSKI
 FUNDUSZ SPOŁECZNY


| | | | |
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| 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 | drugiego stopnia |
| Wydział Chemii | Chemia | form | stacjonarne |
| | | specjalty | chemia biomedyczna, chemia kosmetyków |
| | | specialization | wszystkie |
| | | type | pierwszego stopnia |
| 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 | | | |

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| <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> |
| <p>Contact</p> <p>elzbieta.kamysz@ug.edu.pl</p> | |