



Distance learning (asynchronous)																			
Summer Semester																			
Direct (contact) education																			
Online learning (synchronous)																	40	30	
Online learning (asynchronous)																			
TOTAL per year:																			
Direct (contact) education																			
Online learning (synchronous)																	40	30	
Online learning (asynchronous)																			
Educational objectives (max. 6 items)																			
C1. Ability to diagnose oral mucosa pathologies.																			
C2. Knowledge of prevention and conservative /surgical treatment of oral mucosa pathologies.																			
C3. Knowledge about aetiology of oral mucosa diseases.																			
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class																			
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarising)	Form of didactic class <i>**enter the abbreviation</i>															
W 01	1. C.W18 2. C.W19 3. C.W20 4. C.W14 5. C.W.21	1. Knows and understands the mechanisms of drug action as well as pharmacokinetics and biotransformation of individual drug groups; 2. Knows indications and contraindications to the use of drugs, their dosage, side effects and toxic effects and drug interactions; 3. Knows and understands the principles of treatment of viral, bacterial, fungal and parasitic infections 4. Knows the diagnostic methods used in pathomorphology and the role of laboratory tests in the prevention and diagnosis of organ and systemic disorders; 5. Knows and understands the principles of preventing and combating pain and anxiety as well as the pharmacology of drugs used in life-threatening situations	1./2. Preparation of a multimedia presentation by students with a description of the drug and LADME of each of them. 4. Discussion with students during the online seminar 5. Assessment of students' statements on medicines used to treat pain.	1./2. SE nr 1,2,3. 3. SE11 i SE12. 4. SE4 5. SE13.															
U 01	D.U3. E.U04 F.U12	1. Chooses a treatment that minimizes social consequences for the patient 2. Interpret the results of laboratory tests; 3. Prescribes medications, taking into account their interactions and side effects	-----	1. SE15															
K 01	1. K09	Understands the need to maintain medical confidentiality and respect the patient's rights	Multiple-choice test	2. SE4. 3. SE2.															



<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .</p>	
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Knowledge: 5 Skills: 1 Social competences: 3</p>	
<p>Student's amount of work (balance of ECTS points)</p>	
<p>Student's workload (class participation, activity, preparation, etc.)</p>	<p>Student Workload (h)</p>
1. Contact hours:	---
2. Online learning hours (e-learning):	30
3. Student's own work (self-study):	40
Total student's workload	70
ECTS points for module/course	1,0
<p>Comments</p>	
<p>Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)</p>	
<p>Lectures -----</p>	
<p>Seminars During the course, students will take an active part in interactive lectures and lectures presented by teacher. Each participant of the seminar will describe in power point programme the project selected by him/her from a list provided by the teacher. The presentation should be focusing on the most relevant information about the process/drug selected (f.eg. for a drug: the drug release from the dosage form, administration of the drug, its metabolism, and removing from the body.)</p> <p>1. The first part of the classes: Introduction to Clinical Pharmacology course. Description of activities, forms of student’s activity during class assessment, an introduction to Clinical Pharmacology classes during the winter semester, establishment of organizational matters.</p> <p>The second part of the classes: Interactive lecture. Concepts and methods used in clinical pharmacology - the description of the pattern of drug in the body.</p> <p>2. The first part of class: Students' individual presentations.</p> <p>The second part of the classes: Interactive lecture. Drug interactions, drug interaction implications.</p> <p>3. The first part of the classes: Students' individual presentations. Discussion about the presentation.</p> <p>The second part of the classes: Interactive lecture. Factors determining the adverse effects of drugs, organ damage and organ dysfunction of the body. Methods of prevention and monitoring of adverse drug reactions.</p> <p>5. The first part of the classes: Students' individual presentations. Discussion about the presentation.</p> <p>The second part of the classes: Lecture. Determination of drug influence on the patient's laboratory results.</p> <p>6. The first part of the classes: Students' individual presentations. Discussion about the presentation.</p> <p>The second part of the classes: Lecture. Changes of drug action in relation to the patient's pathological condition.</p> <p>7. The first part of class: Students' individual presentations. Discussion about the presentation.</p> <p>The second of the classes: Lecture. Diversity of age and physiological condition of the patient, and its influence to the use of medication, due to the pharmacotherapy of newborns, pregnant women and nursing mothers, or the elderly.</p> <p>8. The first of the classes: Students' individual presentations. Discussion about the presentation.</p>	



<p>The second of the classes: Interactive lecture. Pharmacogenetics and pharmacogenomics - what and for whom? Introduction to the classes of clinical trials.</p> <p>9. The first part of the classes: Students' individual presentations. Discussion about the presentation.</p> <p>The second part of the classes: Interactive lecture. Evidence Based Medicine, EBM, Good Clinical Practice, GCP. Fitotherapy - therapy with the use of herbs for lichenoid lesions in oral cavity.</p> <p>10. The first part of the classes: Individual project of students. Interactive presentations (in power point program) of the selected drug or process. Discussion about the presentation.</p> <p>Second part of classes: practice of writing Yellow Chart for adverse drug effects.</p> <p>Pharmacoeconomics and social pharmacology: Comparative seminar.</p> <p>Perioperative antibiotic prophylaxis:</p> <ul style="list-style-type: none"> ◆ basic principles of antibiotic prophylaxis according to Peterson (1990r.) ◆ surgical division due to risk of postoperative infections (Ehrenkranz, 1993) <p>Subdivision of disinfectants in dentistry (organic and inorganic).</p>
Practical classes
Other
<p>Basic literature (list according to importance, no more than 3 items)</p> <ol style="list-style-type: none"> 1. Basic & Clinical Pharmacology, Katzung BG, Mc Graw Hill, 10th Ed, 2007 2. Goodman & Gilman's, The Pharmacological Basis of Therapeutics. L Brunton, J Lazo, IBuxton, D Blumenthal, McGraw-Hill, 11th Ed, 2006 <p>Additional literature and other materials (no more than 3 items)</p>
<p>Didactic resources requirements (e.g. laboratory, multimedia projector, other...)</p> <p>Computer with access to the internet.</p>
<p>Preliminary conditions (minimum requirements to be met by the student before starting the module/course)</p> <p>Knowledge of pharmacology - finished course of basic pharmacology.</p>
<p>Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)</p> <p>The student performed during the course one presentation on action of the drug, and the presentation was positively evaluated by the teacher. The presentation should relate to the aspect of the pharmacokinetics and pharmacodynamics of the drug, also indicated with reference to use in pregnancy, elderly people and children. Students actively participated in seminars which confirms the assessment of student activity in the daily evaluations of the subject. Positive passing through partial and final test is required.</p>

Grade:	Criteria
Very Good(5.0)	-----
Good Plus(4.5)	-----
Good(4.0)	-----
Satisfactory Plus (3.5)	-----
Satisfactory(3.0)	-----



	Criteria (only for courses/modules ending with e credit)
Credit	-----

Grade:	Criteria (examination evaluation criteria)
Very Good (5.0)	-----
Good Plus (4.5)	-----
Good (4.0)	-----
Satisfactory Plus (3.5)	-----
Satisfactory (3.0)	-----
Unit realizing the subject	Oral Pathology Department
Unit address	Krakowska 26, Wrocław
Telephone	Tel. :71 784 03 81,
E-Mail	agnieszka.fiskiewicz@umed.wroc.pl

Person responsible for module	Prof. Małgorzata Radwan-Oczko
Coordinator	Dr Irena Duś-Ilnicka
Telephone	Tel. :71 784 0140
E-Mail	Irena.dus-ilnicka@umed.wroc.pl

List of persons conducting specific classes				
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Irena Duś-Ilnicka	Dr n.med	Medical sciences	Laboratory diagnostician	seminars

Date of Syllabus development

31.08.2020

Syllabus developed by

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Signature of Head of teaching unit

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Signature of Faculty Dean

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