

Syllabus for academic year: 2021/2022													
Training cycle: 2020/21-2024/25													
Description of the course													
Course	Microbiology of the Oral Cavity										Group of detailed education results		
											Group code	Group name	
											F	SPECIALISED CLINICAL SCIENCES (SURGICAL)	
Faculty	Faculty of Dentistry												
Major	Dentistry												
Level of studies	X uniform magister studies												
Form of studies	X full-time												
Year of studies	2					Semester: 3		X winter					
Type of course	X obligatory												
Language of study	X English												
Number of hours: 10													
Form of education													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Winter semester: 10													
Department of Microbiology:													
Direct (contact) education						10							
Distance learning													
Educational objectives													
<p>C1. Understanding the composition and role of the oral microflora, the structure of dental plaque (biofilm).</p> <p>C2. Understanding the etiology of oral diseases and the relationship between microbial imbalance and systemic infections.</p> <p>C3. Gaining knowledge on the basic procedures of microbiological diagnosis of oral cavity infections: collection and transport of diagnostic materials, isolation and identification of microorganisms.</p> <p>C4. Acquiring the ability to correctly interpret the results of microbiological tests (oral cavity infections) and select rational antibiotic therapy.</p>													



Education result for course in relation to verification methods of the intended education result and the type of class:			
Number of detailed education result	Student who completes the course	Methods of verification of intended education results	Form of didactic class
F.W3.	knows the viral, bacterial and fungal flora of the oral cavity and its importance	<u>Forming methods:</u> implementation of the commissioned task <u>Summary methods:</u> MCQ test	LC*
F. W13.	knows and understands fundamentals of antibiotic therapy and antimicrobial resistance;		
F. U5.	is able to collect and secure the material for diagnostic tests, including cytological tests;		
F. U6.	is able to interpret the results of additional examinations and consultations;		
* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning			
Student's amount of work (balance of ECTS points):			
Student's workload (class participation, activity, preparation, etc.)		Student Workload	
1. Number of hours of direct contact:		10	
2. Number of hours of distance learning:			
3. Number of hours of student's own work:		20	
4. Number of hours of directed self-study			
Total student's workload		30	
ECTS points for course		1	
Content of classes:			
Classess (5x2h) <ol style="list-style-type: none"> 1. Fungal infections of the oral cavity. Pathogenicity of fungi. 2. Oral cavity ecology. Principles of collecting and transporting materials from oral cavity infections. 3. Microbiota of oral cavity. Endogenous infections. Interpretation of results of microbiological testing 4. Laboratory diagnostics of oral cavity infections. Part I 5. Laboratory diagnostics of oral cavity infections. Part II 			
Basic literature <ol style="list-style-type: none"> 1. Essential Microbiology for Dentistry. Lakshman Samaranayake. Elsevier, 5th Edition. 			
Additional literature and other materials <ol style="list-style-type: none"> 1. Oral Microbiology. P. Marsh, M, Lewis, H. Rogers, D. Williams, M. Wilson. Elsevier, 6th Edition. 2. Medical Microbiology, Patrick R. Murray, Ken S. Rosenthal, Michael A. Pfaller; Elsevier, 9th Edition 			
Preliminary conditions: Credit in Molecular Biology with the basics of Genetics (the 1 st year of studies)			
Conditions to receive credit for the course: <ol style="list-style-type: none"> 1. attendance and active participation in laboratory classes 2. a positive assessment of one multiple choice question test (MCQ; close-ended and open-ended questions; a positive mark $\geq 60\%$ of scored points) covering a specific range of topics from the Microbiology of the Oral Cavity subject The issues covered by the subject of Microbiology of the Oral Cavity are included in the test questions of the final exam, combined for two subjects - Microbiology and Microbiology of the Oral Cavity (MCQ).			



Grade:	Criteria for courses ending with a grade
Very Good (5.0)	average grade from laboratory classes ≥ 4.75
Good Above (4.5)	average grade from laboratory classes ≥ 4.25
Good (4.0)	average grade from laboratory classes ≥ 3.75
Satisfactory Plus (3.5)	average grade from laboratory classes ≥ 3.25
Satisfactory (3.0)	average grade from laboratory classes ≥ 2.5

Unit realizing the course:	Faculty of Medicine, Department of Microbiology
Unit address:	ul. Chałubińskiego 4, 50-368 Wrocław
Telephone:	+48 717841275 (secretary's office)
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Person responsible for the course:	dr hab. Ewa Dworniczek
Telephone:	+48 717841296
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List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Ewa Dworniczek	dr hab.	medical sciences	academic teacher, microbiologist, laboratory diagnostician	laboratory classes

Date of Syllabus development

16.08.2021

Syllabus developed by

dr hab. Ewa Dworniczek

dr Urszula Walczuk

Dean's signature



Signature of Head(s) of teaching unit(s)

Uniwersytet Medyczny we Wrocławiu
KATEDRA I ZAKŁAD MIKROBIOLOGII
kierownik


prof. dr hab. Grażyna Gościński