



TOTAL per year:													
Department of Microbiology	20												
<p>Educational objectives (max. 6 items)</p> <p>C1. Expanding students knowledge about most important viruses causing systemic infections in humans.</p> <p>C2. Introduce students to methods of diagnosis of viral infections.</p> <p>C3. Introduce students to epidemiology, treatment and prophylaxis of viral infections.</p>													
<p>Education result matrix for module/course in relation to verification methods of the intended education result and the type of class</p>													
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>									
K1.	C.K12	Graduate is able to lists an classified most important groups of viruses causing systemic infections in humans	Test, oral response	L									
K2.	C.K13	Graduate knows the epidemiology of infections caused by viruses.	Test, oral response	L									
K3.	C.K14	Graduate knows the impact of virus infections on the human body and the population; describes the consequences of exposure of the human body to viral infections and principles of prophylaxis	Test, oral response	L									
K.4	C.K26	knows the basic mechanisms of cell and tissue damage	Test, oral response	L									
K.5	C.K27	determines the clinical course of specific and non-specific infections and describes the processes of tissue and organ regeneration;	Test, oral response	L									
K.6	C.K33	Graduate lists clinical forms of the most common human viral diseases	Test, oral response	L									
S.1	C.S11	combines images of tissue and organ damage with clinical symptoms of the disease, history and the results of laboratory findings	Test, oral response	L									
S.2	C.S10	Is able to interpret the results of	Test, oral	L									



		viral diagnostic tests.	response	
S.3	C.S15	designs a scheme of rational chemotherapy, empirical and targeted	Test, oral response	L
<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: Skills:</p>				
Student's amount of work (balance of ECTS points)				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	
1. Contact hours:			20	
2. Student's own work (self-study):			6	
Total student's workload			26	
ECTS points for module/course			1	
Comments				
<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> <ol style="list-style-type: none"> 1. Pathogenesis of viral infections. (2 h) 2. Orthomyxoviruses. Avian influenza viruses. (2 h) 3. Viral respiratory tract infections. SARS. (2 h) 4. Childhood viral infections. (2 h) 5. Viral hepatitis. (2 h) 6. Viral gastrointestinal tract infections. (2 h) 7. Human herpes viruses. (2 h) 8. Oncogenic viruses. Oncogenesis. (2 h) 9. Viral blood and central nervous infections. (2 h) 10. Prophylaxis, treatment, vaccines, antisera. (2 h) 				
<p>Basic literature (list according to importance, no more than 3 items)</p> <ol style="list-style-type: none"> 1. 1. Medical Microbiology. 4th ed. Murray P.R., Tenover F.C., Tenover K.S. 2. Medical Microbiology. 4th ed. Baron S. 3. Principles and Practice of Clinical Virology. 4th ed. Zuckerman AJ, Bantvala JE, Pattison JR. John Wiley and Sons Ltd., 2000. 				
<p>Didactic resources requirements (e.g. laboratory, multimedia projector, other...) Lecture hall, multimedia projector</p>				
<p>Preliminary conditions (minimum requirements to be met by the student before starting the module/course) no</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)

Attendance on lectures and active participation in discussion.

Name and address of module/course teaching unit, contact: telephone and e-mail address

University of Medicine, Department of Microbiology, Chałubińskiego 4 Street, 50 – 346
Wrocław,
Tel. /071/ 784-12-75; Fax: /071/ 784-01-17; e-mail: wl-13@am.wroc.pl

Coordinator / Person responsible for module/course, contact: telephone and e-mail address

Prof. dr hab. Beata Sobieszczńska, prof. nadzw.
Tel. 784 – 1 – 08; mail: beata.sobieszczanska@umed.wroc.pl

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

dr hab. n. med. Beata Sobieszczńska, prof. nadzw.; professor; specialist in microbiology
dr n. med. Urszula Kasprzykowska; assistant leader; biotechnologist

Date of Syllabus development

23.06.2017

Syllabus developed by

dr n. med. Urszula Kasprzykowska

Signature of Head of teaching unit

Uniwersytet Medyczny we Wrocławiu
KATEDRA I ZAKŁAD MIKROBIOLOGII
kierownik


prof. dr hab. Grażyna Gościńsk

Signature of Faculty Dean

Wrocław Medical University
FACULTY OF MEDICINE
VICE-DEAN FOR STUDIES IN ENGLISH

Prof. Andrzej Herdich, PhD