



Syllabus 2018/2019														
Description of the course														
Module/Course	MICROBIOLOGY (2)										Group of detailed education results			
											Group code C	Group name Preclinical sciences		
Faculty	Medicine													
Major	medicine													
Specialties	Not applicable													
Level of studies	Uniform magister studies <b>X</b> * 1 <sup>st</sup> degree studies <input type="checkbox"/> 2 <sup>nd</sup> degree studies <input type="checkbox"/> 3 <sup>rd</sup> degree studies <input type="checkbox"/> postgraduate studies <input type="checkbox"/>													
Form of studies	<b>X</b> full-time													
Year of studies	III			Semester		X Winter								
Type of course	<b>X</b> obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / elective													
Course	<input type="checkbox"/> major <b>X</b> basic													
Language of instruction	<input type="checkbox"/> Polish <b>X</b> English <input type="checkbox"/> other													
* mark <input type="checkbox"/> with an X														
Number of hours														
Form of education														
Unit teaching the course	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)	Specialist Classes – magister studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
<b>Winter Semester</b>														
	10			30										
<b>Summer Semester</b>														
<b>TOTAL per year:</b>														
	10			30										





<b>S1.</b>	<b>C.S9</b>	Student is able to prepare slides and recognize bacteria under microscope.	Oral response, class test practical exam	L, LC
<b>S2.</b>	<b>C.S10</b>	Graduate is able interpret microbiological testing results.	Oral response, class test practical exam	L, LC
<b>S3.</b>	<b>C.S15.</b>	Student is able propose rationale antimicrobial therapy in systemic infections	Oral response, class test, practical exam	L, LC

\*\* 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 .

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: **4**

Skills: **2**

**Student's amount of work (balance of ECTS points)**

<b>Student's workload</b> (class participation, activity, preparation, etc.)	<b>Student Workload (h)</b>
1. Contact hours:	40
2. Student's own work (self-study):	63
Total student's workload	103
<b>ECTS points for module/course</b>	4,5
Comments	

**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)

**Lectures**

1. Sexually transmitted diseases and urinary tract infections
2. Gastrointestinal tract infections and food poisonings.
3. Wound and soft tissue infections.
4. Upper and lower respiratory tract infections .
5. Blood infections and infections of the central nervous system.

**Seminars – not applicable**

**Practical classes**

1. Sexually transmitted diseases
2. urinary tract infections
3. Gastrointestinal tract infections and food poisonings.
5. Wound and soft tissue infections.
4. Upper respiratory tract infections .
5. Lower respiratory tract infections
6. Infections of the central nervous system.
7. Blood infections – sepsis.
8. Infections of the central nervous system.
9. Opportunistic infections in immunocompromised patients.
10. Practical exam.

**Other**



**Basic literature** (list according to importance, no more than 3 items)

1. Medical Microbiology. 4<sup>th</sup> ed. Murray P.R., Tenover F.C., Tenover K.C., Tenover M.A., Tenover K.S.
2. Microbiology. 3<sup>rd</sup> ed. Harvey R., Cornelissen C., Fisher B.

**Additional literature and other materials** (no more than 3 items)

1. Medical Microbiology. 4<sup>th</sup> ed. Baron S.
2. Medical Microbiology. 2<sup>nd</sup> ed. Sherris J.C.

**Didactic resources requirements** (e.g. laboratory, multimedia projector, other...)

Microbial laboratory with full equipment, multimedia projector.

**Preliminary conditions** (minimum requirements to be met by the student before starting the module/course)

Credit of the course: Microbiology (1)

**Conditions to receive credit for the course** (specify the form, criteria 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).

**Each absence must be made up, including rector's days or dean's hours.**

1. Attendance on classes and lectures – according to the study regulations
2. Passed all class tests. Criteria for passing tests are the same as for passing the final exam i.e. 60% of correct answers for satisfactory grade (3.0)
3. Practical exam - the condition for admission to the practical test is the passing of all tests
4. Final exam is written (test exam) - the conditions for admission to the final exam include: passed all class tests and final exam, and the presence on classes and lectures according to the study regulations

Conditions for passing practical and final exams are included in the internal regulations of the Department of Microbiology

Grade:	Criteria for course
Very Good (5.0)	92-100% positive answers
Good Plus (4.5)	84-91% positive answers
Good (4.0)	76-83% positive answers
Satisfactory Plus (3.5)	68-75% positive answers
Satisfactory (3.0)	60-67% positive answers

Grade:	Criteria for exam (if applicable)
Very Good (5.0)	92-100% positive answers
Good Plus (4.5)	84-91% positive answers
Good (4.0)	76-83% positive answers
Satisfactory Plus (3.5)	68-75% positive answers
Satisfactory (3.0)	60-67% positive answers



<b>Name of unit teaching course:</b>	Department of Microbiology University of Medicine
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<b>Person responsible for course:</b>	<b>Prof. dr hab. n. med. Beata Sobieszcańska</b> ; professor; specialist in microbiology
Phone	071/784 – 13 – 08
E-mail	<a href="mailto:beata.sobieszczanska@umed.wroc.pl">beata.sobieszczanska@umed.wroc.pl</a>

<i>List of persons conducting specific classes:</i>	<i>degree/scientific or professional title</i>	<i>Discipline</i>	<i>Performer profession</i>	<i>Form of classes</i>
<b>Ewa Dworniczek</b>	dr; specialist in microbiology	Microbiology	microbiologist, academic tutor	major classes
<b>Urszula Kasprzykowska</b>	dr inż. specialist in microbiology	Microbiology	microbiologist biotechnologist, academic tutor	major classes s
<b>Paweł Krzyżek</b>	PhD student	Microbiology	microbiologist	major classes
<b>Jolanta Rusiecka-Ziółkowska</b>	dr; specialist in microbiology; doctor - specialist in ophthalmology	Microbiology	doctor; microbiologist, academic tutor	major classes
<b>Beata Sobieszcańska</b>	Prof. dr hab.; specialist in microbiology	Microbiology	microbiologist, academic tutor	major classes

**Date of Syllabus development**

19.06.2018

**Syllabus developed by**

dr Urszula Kasprzykowska

**Signature of Head of teaching unit**

Uniwersytet Medyczny we Wrocławiu  
KATEDRA I ZAKŁAD MIKROBIOLOGII  
kierownik

*Gościńska*  
prof. dr hab. Grażyna Gościńska

Wrocław Medical University  
FACULTY OF MEDICINE  
USE DEPARTMENT COURSES IN ENGLISH

Signature of Faculty Dean

*Hendrich*  
Prof. Andrzej Hendrich, PhD