

## Syllabus 2017/2018

## Description of the course

[illegible]

Summer Semester														
Department and Clinic of Pulmonology and Lung Cancer				15										
TOTAL per year:														
Department and Clinic of Pulmonology and Lung Cancer				15										
Educational objectives (max. 6 items)														
<b>C1.</b> The goal of program is to familiarize students with the pathogenesis, symptomatology and treatment of tuberculosis;														
<b>C2.</b> Knowing preventive activities against tuberculosis;														
<b>C3.</b> Student should possess the ability to efficiently collect medical history, physical examination, proper technique with the correct interpretation of the clinical examination ascertained deviations from the norm;														
<b>C4.</b> Students also owe to possess knowledge of basic laboratory test and diagnostic procedures in tuberculosis;														
<b>C5.</b> Student should possess the ability to carry out differential diagnosis;														
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 **enter the abbreviation						
K 01	EW7	Please enter from 5 to max. 7 education results – examples of verbs defining the education result in the scope of student's knowledge: describes, defines, explains, Student knows and understands causes and symptoms of tuberculosis and mycobacterioses;			Credit test and/or oral answer			CC						
K 02	EW7	Student describes the basic methods of medical research and methods of diagnosis of tuberculosis and mycobacterioses;			Credit test or oral answer			CC						
K 03	EW7	Student clarifies therapeutic management of tuberculosis;			Credit test or oral answer			CC						





K 04	EW37	The student knows different types of biological materials which are utilized in clinical laboratory diagnostics of tbc	Credit test or oral answer	CC
K 05	EW1	Student defines epidemiology of tbc	Credit test or oral answer	CC
S 01	EU1	Please enter from 5 to max. 7 education results – examples of verbs defining the education result in the scope of student's knowledge: uses, performs, resolves Student elicits history of the adult patient with tuberculosis	Direct observation of the student's medical skills	CC
S 02	EU3	Students perform a thorough and accurate physical examination	Direct observation of the student's medical skills	CC
S 03	EU12	Student performs differential diagnosis of tuberculosis	Direct observation of the student's medical skills	CC
S 04	EU16	Students plan diagnostic and therapeutic procedures for TB	Direct observation of the student's medical skills	CC
U05	EU30	Students assist and interpret medical procedures - intradermal OT test	Direct observation of the student's medical skills	CC
K 01		Please name ca. 203 attitudes – exemplary verb to determine education result as attitude forming: creates, willingly participates, cooperates in a group, actively participates Student collaborate in a group on planning diagnostic procedures	Direct observation of the student's medical skills	CC
K02		Student willingly participates in the classes and in the patients physical examination	Direct observation of the student's medical skills	CC
K03		Student willingly participates in the classes and in the patients physical examination	Direct observation of the student's medical skills	CC

\*\* 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: 5

Skills: 5

Social competences: 5





Student's amount of work (balance of ECTS points)	
Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	15
2. Student's own work (self-study):	7,5
Total student's workload	22,5
ECTS points for module/course	1
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.	
2.	
3.	
Seminars	
1.	
2.	
3.	
Practical classes	
1. Epidemiology of tuberculosis	
2. Tuberculosis: transmission, pathogenesis, symptoms, clinical and laboratory diagnosis.	
3. Forms of tuberculosis.	
4. Treatment of tuberculosis. TB prophylaxis.	
5. Mycobacteriosis	
Other	
1.	
2.	
3.	
etc. ...	
Basic literature (list according to importance, no more than 3 items)	
1. Harrison's Principles of Internal Medicine, 19th edition, part 8	
2. G.B. Migliori, J.P. Zellweger, I. Abubakar et al. European Union Standards for Tuberculosis Care Eur Respir J 2012; 39: 807–819	
3. Wing Wai Yew, Giovanni Sotgiu, and Giovanni Battista Migliori. Update in Tuberculosis and Nontuberculous Mycobacterial Disease 2010. Am J Respir Crit Care Med Vol 184, 2011; 180–185.	
Additional literature and other materials (no more than 3 items)	



1. Gerd Herold „Internal Medicine” Publisher: lulu. com; First English Edition (February 1, 2011)
2. Griffith DE, Aksamit T, Brown-Elliott BA, et al. An official ATS/IDSA statement: diagnosis, treatment, and prevention of nontuberculous mycobacterial diseases. Am J Respir Crit Care Med 2007; 175:367–416
3. <http://www.nice.org.uk/guidance/cg117/resources/guidance-tuberculosis-pdf>

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

Multimedia projector, notebook, laptop, screen for multimedia projector, pendrive, access to the bronchoscopy lab, spirometric lab, treatment room,

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

Student should know the basics of respiratory system anatomy and physiology and know the basics of internal propaedeutics.

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)

Student should be prepared to the classes

Credit test or/and oral answer (according to the teacher)

Activity during the classes

<b>Grade:</b>	<b>Criteria</b> (only for courses/modules ending with an examination)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	

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

Department and Clinic of Pulmonology and Lung Cancer, Wrocław Medical University,



53-439 Wrocław, Grabiszyńska 105;

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

dr n.med. Monika Kosacka

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

Anna Brzecka, MD, PhD, prof. WMU, pulmonology, physician, u.t., clinical classes

Monika Kosacka, MD, PhD, internal medicine, pulmonology, physician, u.t., clinical classes

Aneta Kowal, MD, PhD, internal medicine, pulmonology, physician, u.t., clinical classes

Ewa Passowicz-Muszyńska, MD, PhD, internal medicine, pulmonology, physician, u.t., clinical classes

Paweł Piesiak, MD, PhD, internal medicine, pulmonology, physician, u.t., clinical classes

Irena Porębska, MD, PhD, internal medicine, pulmonology, physician, u.t., clinical classes

**Date of Syllabus development**

June 21<sup>st</sup> 2017

**Syllabus developed by**

dr n.med. Monika Kosacka

**Signature of Head of teaching unit**

Uniwersytet Medyczny we Wrocławiu  
KATEDRA I KLINIKA PULMONOLOGII  
I NOWOTWORÓW PŁUC  
Kierownik

dr hab. n. med. Anna Brzecka, prof. nadzw.  
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Uniwersytet Medyczny we Wrocławiu  
**Signature of Faculty Dean**

Prof. dr hab. Andrzej Hendrych

prof. dr hab. Andrzej Hendrych