

DESCRIPTION OF THE COURSE OF STUDY

Course code	12.6-3LEK-F-P	
Name of the course in	Polish	Pulmonologia
	English	Pulmonology

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of study	medicine
1.2. Mode of study	full-time
1.3. Level of study	uniform Master's study
1.4. Profile of study*	practical
1.5. Specialization*	lack
1.6. Unit running the course of study	Faculty of Medicine and Health Sciences UJK
1.7. Person/s preparing the course description	dr n. med. Małgorzata Czarny-Działak
1.8. Person responsible for the course of study	dr n. med. Małgorzata Czarny-Działak
1.9. Contact	drmczarny@interia.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Affiliation with the module	facultative
2.2. Language of instruction	English
2.3. Semesters in which the course of study is offered	6-9 semesters of study
2.4. Prerequisites*	basic knowledge in the field of anatomy and physiology of the respiratory system

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Lectures: 15 hours Classes: 20 hours	
3.2. Place of classes	Lectures – in didactic rooms of the UJK Classes – Department of Lung Diseases Regional Hospital Complex, Czerwona Góra near Kielce	
3.3. Form of assessment		
3.4. Teaching methods	Conversation lecture, discussion, case study in natural conditions	
3.5. Bibliography	Required reading	Principles of pulmonary medicine (Weinberger),
	Further reading	Pulmonary and critical care medicine (Harrison).

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES

<p>4.1. Course objectives (including form of classes)</p> <p>C1 obtaining knowledge concerning the specificity of pulmonary disorders in all age groups C2 preparation for classes in conditions of pulmonology ward, skills of diagnosing lung diseases C3 shaping physician's proper attitude towards patients with pulmonary diseases.</p>
<p>4.2. Detailed syllabus (including form of classes)</p> <p>Lectures:</p> <ol style="list-style-type: none"> Structure and function of the respiratory system, congenital defects of the respiratory system (1 h) History of pulmonology in Poland and worldwide (0.5h) Epidemiology of respiratory system diseases (0.5h) Bronchial asthma – symptoms, diagnostics, treatment. Asthmatic state – therapeutic management (2h) COPD – diagnosis, treatment, management during aggravations. Respiratory system diseases and rehabilitation (2h) Pneumonia – classification of pneumonia, diagnostics and treatment. Principles of antibiotic therapy (2h) Interstitial lung diseases: sarcoidosis, idiopathic interstitial pneumonia (1h) Respiratory failure – acute and chronic – therapeutic management. Oxygen therapy (1h) Pleural diseases – diagnostics and therapeutic management. Chemical pleurodesis (1h) Lung cancer – classification, diagnosis and treatment (1h) Pulmonary tuberculosis and mycobacterial lung infections – epidemiology, diagnosis and treatment – antimycobacterial drugs (2h) Pulmonary embolism – diagnostics and treatment (1h) <p>Classes:</p> <ol style="list-style-type: none"> Symptomatology of respiratory system diseases 3h

2. Imaging diagnostics of respiratory system diseases 3h
3. Functional examinations of respiratory system diseases – spirometry, PEF measurement, bronchial hyperresponsiveness test, stress tests, measurement of nitric oxide concentration in exhaled air 3h
4. Endoscopic examinations of the respiratory system – indications and contraindications, technique of examination, preparation of patient for examination 2h
5. Radioisotopic examinations in diagnostics of pulmonary and mediastinal diseases 2h
6. Credit 2h

4.3 Education outcomes in the discipline

Code	A student, who passed the course	Relation to teaching outcomes
within the scope of KNOWLEDGE:		
W01	knows environmental and epidemiological conditions for the most common diseases;	E.W1.
W02	knows and understand the causes, symptoms, principles of diagnosis and therapeutic management in relation to the most frequent internal diseases occurring in adults and their complications: b) respiratory diseases, including diseases of the respiratory tract, chronic obstructive pulmonary disease, bronchial asthma, bronchiectasis, cystic fibrosis, respiratory infections, interstitial lung disease, pleura, mediastinum, obstructive and central sleep apnea, respiratory failure (acute and chronic), respiratory cancers,	E.W7.
within the scope of ABILITIES:		
U01	analyses defensive and adaptation reactions as well as regulation disorders caused by the etiological factor;	C.U12.
U02	conducts a review of medical history of the adult patient;	E.U1.
U03	conducts a review of medical history of the child and its family;	E.U2.
U04	conducts full and targeted physical examination of the adult patient;	E.U3.
U05	assesses and describes the somatic and mental state of patients;	E.U13.
U06	interprets laboratory tests/results and identifies the reasons for deviations;	E.U24.
U07	assists when the following procedures and medical treatments are performed: a) transfusions of blood and blood products, b) drainage of the pleural cavity,	E.U30.

4.4. Methods of assessment of the intended teaching outcomes

Teaching outcomes (code)	Method of assessment (+/-)																				
	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others*		
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes		
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...
W01																					
W02																					
U01																					
U02																					
U03																					
U04																					
U05																					
U06																					
U07																					

*delete as appropriate

4.5. Criteria of assessment of the intended teaching outcomes

Form of classes	Grade	Criterion of assessment
lecture (L)	3	61%-68%
	3,5	69%-76%
	4	77%-84%
	4,5	85%-92%
	5	93%-100%
classes (C)*	3	61%-68%
	3,5	69%-76%
	4	77%-84%
	4,5	85%-92%
	5	93%-100%

- **Thresholds are valid from 2018/ 2019 academic year**

5. BALANCE OF ECTS CREDITS – STUDENT’S WORK INPUT

Category	Student's workload
	Full-time studies
<i>NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/</i>	35
<i>Participation in lectures*</i>	15
<i>Participation in classes, seminars, laboratories*</i>	20
<i>Preparation in the exam/ final test*</i>	
<i>Others*</i>	
<i>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</i>	15
<i>Preparation for the lecture*</i>	
<i>Preparation for the classes, seminars, laboratories*</i>	10
<i>Preparation for the exam/test*</i>	5
<i>Gathering materials for the project/Internet query*</i>	
<i>Preparation of multimedia presentation</i>	
<i>Others*</i>	
TOTAL NUMBER OF HOURS	50
ECTS credits for the course of study	2

Accepted for execution (date and signatures of the teachers running the course in the given academic year)

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