**description of the course of study**

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| **Course code** | **0912-7LEK-F37-A** |
| **Name of the course in** | Polish  | **Choroby płuc** |
| English | **Lung diseases** |

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

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| **1.1. Field of study** | medicine |
| **1.2. Mode of study** | Full-time |
| **1.3. Level of study** | Uniform Master’s studies |
| **1.4. Profile of study\*** | General academic |
| **1.5. Person preparing the course description** | Lek Oskar Solarski |
| **1.6. Contact** |  |

1. **GENERAL CHARACTERISTICS OF THE COURSE OF STUDY**

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| **2.1. Language of instruction** | English |
| **2.2. Prerequisites\*** | lack |

1. **DETAILED CHARACTERISTICS OF THE COURSE OF STUDY**

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| **3.1.**  | **Form of classes** | classes -15 |
| **3.2.** | **Place of classes** | Courses in the teaching rooms of UJK, CM |
| **3.3** | **Form of assessment** | Credit with grade |
| **3.4** | **Teaching methods** | Conversational lecture |
| **3.5.** | **Bibliography**  |  **Required reading** | **McMaster Textbook of Internal Medicine. Kraków: Medycyna Praktyczna 2021** |
|  **Further reading** | GINA Main report 2021GOLD Main report 2021 |

1. **Objectives, syllabus CONTENT and intended LEARNING outcomes**

**4.1** **Course objectives (including form of classes)**

C1 obtaining information on the specificity of pulmonary diseases in all age groups

C2 preparation for classes in the conditions of the pulmonology department, the ability to recognize lung diseases

C3 shaping the doctor's correct attitude towards patients with pulmonary diseases

**4.2. Detailed syllabus (including form of classes)**

1. Structure and function of the respiratory system, congenital defects of the respiratory system 1h
2. History of pulmonology in Poland and in the world 0,5h
3. Epidemiology of respiratory diseases 0,5h
4. Bronchial asthma - symptoms, diagnosis, treatment. Asthmatic state - therapeutic management 2h
5. COPD - diagnosis, treatment and management during exacerbations. Respiratory diseases and rehabilitation 2h
6. Pneumonia - classification of pneumonia, diagnosis and treatment. Principles of antibiotic therapy. 2h
7. Interstitial lung diseases: sarcoidosis, idiopathic interstitial pneumonia 1h

1. Respiratory failure - acute and chronic - therapeutic management. Oxygen therapy 1h
2. Pleural diseases - diagnosis and treatment. Chemical pleurodesis 1h
3. Lung cancer - classification, diagnosis and treatment 1h
4. Pulmonary tuberculosis and mycobacteriosis - epidemiology, diagnosis and treatment - antituberculosis drugs 2h
5. Pulmonary embolism - diagnosis and treatment 1h

 **4.3 Intended learning outcomes**

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| **Code** | **A student, who passed the course** | **Relation to learning outcomes** |
| within the scope of **KNOWLEDGE** the graduate knows and understands: |
| W01 | knows the environmental and epidemiological conditions of the most common respiratory diseases |  |
| W02 | knows and understand the causes, symptoms, principles of diagnosis and therapeutic management in relation to the most frequent diseases of the respiratory tract occurring in adults and their complications, including 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, |  |
| W03 | knows principles of diagnosis and therapeutic management in relation to the most frequent diseases of the respiratory tract occurring in adults and their complications, including 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. |
| W04 | describes the impact of various respiratory diseases on general condition of the patient |  |
| W05 | lists environmental factors taking to account work environment influencing development of respiratory diseases. |  |
| within the scope of **ABILITIES** the graduate knows how to: |
| U01 | analyses reactive, defensive and adaptation reactions as well as regulation disorders caused by the etiological factor; |  |
| U02 | conducts a review of medical history of the adult patient;conducts a review of medical history of the child and its family; |  |
| U03 | conducts full and targeted physical examination of the adult patient assesses and describes the somatic and mental state of the patient;interprets laboratory tests’ results and identifies the reasons for deviations; |  |

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| * 1. **Methods of assessment of the intended learning outcomes**
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| **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 |  |  |  |  |  |  | ***+*** |  |  |  |  |  | ***+*** |  |  |  |  |  |  |  |  |
| W03 |  |  |  |  |  |  | ***+*** |  |  |  |  |  | ***+*** |  |  |  |  |  |  |  |  |
| W04 |  |  |  |  |  |  | ***+*** |  |  |  |  |  | ***+*** |  |  |  |  |  |  |  |  |
| W05 |  |  |  |  |  |  | ***+*** |  |  |  |  |  | ***+*** |  |  |  |  |  |  |  |  |
| U01 |  |  |  |  |  |  | ***+*** |  |  |  |  |  | ***+*** |  |  |  |  |  |  |  |  |
| U02 |  |  |  |  |  |  | ***+*** |  |  |  |  |  | ***+*** |  |  |  |  |  |  |  |  |
| U03 |  |  |  |  |  |  | ***+*** |  |  |  |  |  | ***+*** |  |  |  |  |  |  |  |  |

***\*delete as appropriate***

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| **4.5. Criteria of assessment of the intended learning outcomes**– the final grade will be based on the test results |
| **Form of classes** | **Grade** | **Criterion of assessment** |
| **classes** | **3** | 61%-68% |
| **3,5** | 69%-76% |
| **4** | 77%-84% |
| **4,5** | 85%-92% |
| **5** | 93%-100% |

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

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| --- | --- |
| **Category** | **Student's workload** |
| **Full-time studies** |
| *NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/* | **15** |
| *Participation in lectures\** |  |
| *Participation in classes, seminars, laboratories\** | **15** |
| *Preparation in the exam/ final test\** |  |
| *Others\** |  |
| *INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/* | **10** |
| *Preparation for the lecture\** | **5** |
| *Preparation for the classes, seminars, laboratories\** |  |
| *Preparation for the exam/test\** | **5** |
| *Gathering materials for the project/Internet query\** |  |
| *Preparation of multimedia presentation* |  |
| *Others (please specify e.g. e-learning)\** |  |
| ***TOTAL NUMBER OF HOURS*** | **25** |
| **ECTS credits for the course of study** | **1** |

***Przyjmuję do realizacji*** *(data i podpisy osób prowadzących przedmiot w danym roku akademickim)*

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