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| **Course title** | **Code** | **Semester** | **Type of course** | **Course volume (Contact hours)** | **ECTS** |
| **Pulmonary Medicine** | **MED****5011** | **IX** | **Mandatory** | **40** | **3** |
| **Faculty, the educational program and level of education** | * School of Medicine and Health Sciences
* Higher Medical Educational Program “Medicine”
* One cycle 6-year
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| **Learning Course Content** |
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| * Introduction to the program; History taking and General Examination of Respiratory System
* Symptoms of Lung Disease (Dyspnea; Hemoptysis; Coughing; Apnea; Nail clubbing); Pathophysiology of Lung Disease
* Tests for Lung Diseases; Lung Diseases: Radiology Spirometry and functional respiratory tests
* Bronchial asthma; Chronic Obstructive Pulmonary Disease.
* Obstructive Sleep Apnea Syndrome; Smoking Cessation. Lung Cancer
* Bronchiectasis; Pneumonia
* Interstitial Lung Disease; Eosinophilic Lung Diseases. Systemic Diseases and the Lung
* Respiratory Failure. Acute Respiratory Distress Syndrome. COVID-2019
* Occupational Lung Diseases. Hypersensitivity Pneumonitis and drug induced lung; Sarcoidosis
* Pleural Disease (Pleural Effusion; Empyema);Tuberculosis Administering, reading and interpreting a tuberculin skin test
* Pulmonary Hypertension, Cor Pulmonale. Pulmonary Embolism; Hemopthisis and pulmonary bleeding. Pulmonary Emergencies; Arterial Blood Gases Evaluation
* Pulmonary cavity syndromes (abscess, cancer, development abnormalities, parasites etc)
* Interactive Case Presentation and Discussion (5Hs)
* Literature Review(3Hs); Clinical Practice (43Hs)
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| * **Textbooks and Materials**
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| * The Asthma Educator's Handbook- Fanta, Christopher H;Carter, Elaine L; McGrawHill Medical; 2007;
* Infectious diseases-Cohen J, Powderly; W.G, Opal S.M; Elsevier Mosby; Volume- I. II; 3rd.ed. 2010;
* Pulmonary Function- ieczyslaw Pokorski; Springer; 2015; e-book;
* Pulmonary Pathology- Rao, R. Suster, Saul, Moran, Cesar; Demosmedical; 2014; e-book;
* Interventions in Pulmonary Medicine- Jose Pablo Díaz-Jimenez, Alicia N. Rodriguez; Springer; 2nd.ed. 2018; e-book;
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