|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 | | | | |

|  |  |
| --- | --- |
| **Learning Course Content** | |
| |  | | --- | | * 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) | | |
| * **Textbooks and Materials** | |
| * 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; | |