

## COMMITTEE COURSE CONTENT

**University:** Muğla Sıtkı Koçman University  
**Faculty:** Faculty of Medicine/ **Program:** English Program  
**Academic Year:** 2023-2024  
**Phase:** ...3./ **Comitee 2** ( .....)  
**Course Code:** 3200 / **ECTS:** 9 / **T+U+L:**  
**Course Type :** Compulsory/ **Course Length :** 6 weeks/ **Type of Teaching :** Formal/ **Language of Instruction :** English

Biophysics (MED 3009)

Theoretical:

1. Computed Tomography and (2hours)
2. Imaging Method Based on Radiotherapy and Radioactivity (1hours)
3. PET and Gamma Camera (1hours)
4. Ultrasound, Doppler and(1hours)

Cardiology (MED 3009)

Theoretical:

1. Acute Coronary Syndromes (2hours)
2. Atherosclerosis and Risk Factors (1hours)
3. Basic ECG & Arrhythmias (2hours)
4. Diagnostic Methods in Cardiology (1hours)
5. General Signs and Symptoms in Cardiovascular Diseases (1hours)
6. Heart Failure (2hours)
7. Hypertension (1hours)
8. Pericarditis, myocarditis (1hours)
9. Physical Examination of the (1hours)
10. Stabil coronary artery diseases (1hours)
11. Stabil coronary artery diseases and angina pectoris (1hours)
12. Valvular Heart Diseases (2hours)

Chest Diseases (MED 3009)

Theoretical:

1. Asthma (1hours)
2. Chronic Obstructive Lung Diseases (1hours)
3. Diagnostic methods in Chest Diseases (2hours)
4. Interstitial lung diseases (1hours)
5. Lung cancer (1hours)
6. Physical examination of the chest (1hours)
7. Pleural diseases (1hours)
8. Pneumonia (1hours)
9. Pulmonary embolism (1hours)
10. Symptoms in Chest Diseases (1hours)
11. Tuberculosis(1hours)

Clinical biochemistry (MED 3001)

Theoretical:

1. Biochemistry of Acute Coronary syndrome (2hours)
2. Molecular tests in Thromboembolism (2hours)
3. Plasma Proteins & Protein (2hours)

Clinical microbiology (MED 3007)

Theoretical:

1. Evaluation of laboratory diagnosis and results in cardiac (2hours)
2. Evaluation of laboratory diagnosis and results in septicemia (2hours)
3. Laboratory diagnosis of upper and lower respiratory tract (2hours)

Medical Genetics (MED)

**Theoretical:**

1. Current Genetic Therapies (1hours)
2. Genetic changes observed in (1hours)
3. Genetics of CVS diseases (1hours)
4. Genetics of Cystic Fibrosis (1hours)
5. Virus Genetics (1hours)

**Medical Pathology (MED 3002)**

**Theoretical:**

1. Atherosclerosis (2hours)
2. Cardiomyopathies (1hours)
3. Chronic obstructive lung diseases (1hours)
4. Heart transplantation and (1hours)
5. Hypertensive heart diseases (1hours)
6. Ischemic heart diseases (2hours)
7. Lesions of the upper (1hours)
8. Lesions of the upper respiratory tractus | Özgür İlhan Çelik (1hours)
9. Lung tumors (1hours)
10. Pericardial diseases (1hours)
11. Pleural diseases (1hours)
12. Pulmonary infections (1hours)
13. Pulmonary infections (1hours)
14. Restrictive lung diseases (2hours)
15. Skin cyst and tumors (1hours)
16. Skin cyst and tumors (1hours)
17. Vasculitis and aneurysms (2hours)
18. Venous-lymphatic diseases (1hours)

**Medical Pharmacology (MED 3011)**

**Theoretical:**

1. Antianginal drugs (1hours)
2. Antifungal Drugs (1hours)
3. Antihypertensive Agents (3hours)
4. Antiplatelet, Anticoagulant, (1hours)
5. Antiplatelet, Anticoagulant, and Fibrinolytic Drugs (1hours)
6. Antiviral Drugs (1hours)
7. Autocoids (1hours)
8. Biopharmaceuticals (1hours)
9. Histamine and histaminic drugs (1hours)
10. Hypolipidemic drugs (1hours)
11. Hypolipidemic drugs (1hours)
12. Introduction to Autonomic (1hours)
13. Introduction to Autonomic Pharmacology (1hours)
14. Isolated organ bath experiments (1hours)
15. Medications used to heart failure (2hours)
16. Mucolytic, expectorant and (1hours)
17. Nicotine And Ganglion Stimulating Agents (1hours)
18. Nitric oxide (1hours)
19. Parasympathomimetics and (3hours)
20. Peripheral vasodilators (1hours)
21. Prostaglandin and Other (1hours)
22. Sympathomimetics And (1hours)
23. Sympathomimetics And Adrenoreceptor Blockers (1hours)
24. Symptomatic treatment of UBTI (1hours)
25. Treatment of bronchial asthma (2hours)
26. Vasoactive Peptides (1hours)

**Otorhinolaryngology (MED 3009)**

**Theoretical:**

1. Clinical Anatomy and Physiology of the Upper Respiratory (1hours)

2. Infections of Otorhinolaryngology region (1hours)
3. Otorhinolaryngology Examination Methods (2hours)
4. Surgical Pathology and Imaging in Otorhinolaryngology (1hours)

**Pediatric surgery (MED 3009)**

**Theoretical:**

1. Congenital anomalies of respiratory system (1hours)
2. Foreign body aspiration (1hours)
3. Examination of cardiovascular system (2hours)
4. Examination of respiratory system (2hours)

**Radiology (MED 3009)**

**Theoretical:**

1. Respiratory system radiology(1hours)