

## COMMITTEE COURSE CONTENT

**University:** Muğla Sıtkı Koçman University  
**Faculty:** Faculty of Medicine/ **Program:** English Program  
**Academic Year:** 2023-2024  
**Phase:** ...3./ **Comitee 3** ( .....)  
**Course Code:** 3300 / **ECTS:** 9 / **T+U+L:**  
**Course Type :** Compulsory/ **Course Length :** 6 weeks/ **Type of Teaching :** Formal/ **Language of Instruction :** English

### Clinical Microbiology (MED 3007)

#### Theoretical:

1. Laboratory diagnosis of gastrointestinal system bacterial infections and evaluation of results (2hours)
2. Laboratory diagnosis of gastrointestinal system virus, protozoon and helminth infections and (1hours)
3. Laboratory diagnosis of gastrointestinal system virus, protozoon and helminth infections and evaluation of test results (1hours)

### Clinical Skills (Bedside Practice) (MED 3009)

#### Theoretical:

1. **General Surgery (2hours)**
2. **Internal Medicine Gastroenterology Gastroesophageal reflux, GIS Bleeding) (3hours)**
3. **Internal Medicine Hematology (Iron deficiency anemia, hemoglobinopathy) (3hours)**
4. **Pediatrics (3hours)**
5. **General Surgery (1hours)**
6. **Internal Medicine Gastroenterology Gastroesophageal reflux, GIS (1hours)**
7. **Internal Medicine Hematology (Iron deficiency anemia, (1hours)**
8. **Pediatrics (1hours)**
9. **General Surgery (1hours)**
10. **Internal Medicine Gastroenterology Gastroesophageal reflux, GIS Bleeding) (1hours)**
11. **Internal Medicine Hematology (Iron deficiency anemia, Hemoglobinopathy) (1hours)**
12. **Pediatrics (1hours)**

### General Surgery (MED 3009)

#### Theoretical:

1. **Abdominal Wall Hernias (2hours)**
2. **Acute Abdomen (2hours)**
3. **Lower GI Disorders (3hours)**
4. **Physical Examination of Abdomen (1hours)**
5. **Surgical Oncology (1hours)**
6. **Symptoms and Clinical Features of Esophageal Disorders (1hours)**
7. **Symptoms and Clinical Features of Gallbladder and Bile Duct Disorders (1hours)**
8. **Symptoms and Clinical Features of Liver Disorders (1hours)**
9. **Symptoms and Clinical Features of Pancreatic Disorders (1hours)**
10. **Symptoms and Clinical Features of Stomach and Duodenum Disorders (1hours)**
11. **Symptoms and Pathogenesis of GI Disorders (1hours)**

### Internal Medicine (MED 3009)

#### Theoretical:

1. **Abdominal Pain, Dyspepsia and dysphagia (1hours)**
2. **Approach to Anemia (2hours)**
3. **Approach to leukocyte disorders (2hours)**
4. **Approach to Patient with GI Bleeding (1hours)**
5. **Approach to Splenomegaly and Iymphadenomegaly (1hours)**
6. **Bleeding Disorders (2hours)**
7. **Diagnostic approach in Gastroenterology (1hours)**

8. Functional Gastrointestinal Diseases (1hours) 9. Hematopoiesis (1hours) 10. Hepatosplenomegaly (1hours) 11. Jaundice (1hours) 12. Transfusion Practice (1hours)
<b>Medical Biochemistry (MED 3001)</b> <b>Theoretical:</b> <ol style="list-style-type: none"> <li>1. Bleeding &amp; Coagulation Defects (2hours)</li> <li>2. Complete Blood Counting (2hours)</li> <li>3. Disorders of Lipoprotein metabolism (2hours)</li> <li>4. Fecal occult blood analysis (2hours)</li> <li>5. Liver function tests (2hours)</li> </ol>
<b>Medical Genetics (MED)</b> <b>Theoretical:</b> <ol style="list-style-type: none"> <li>1. Diagnostic methods used in medical genetics (2hours)</li> <li>2. Genetics of blood diseases (1hours)</li> <li>3. Genetics of GIS tumors (1hours)</li> <li>4. Hematologic malignancies (1hours)</li> </ol>
<b>Medical Pathology (MED 3002)</b> <b>Theoretical:</b> <ol style="list-style-type: none"> <li>1. Architectural, hereditary and metabolic disorders of the liver (2hours)</li> <li>2. Bleeding Disorders (2hours)</li> <li>3. Diseases of the esophagus (1hours)</li> <li>4. Diseases of the exocrine pancreas (1hours)</li> <li>5. Diseases of the gall bladder (1hours)</li> <li>6. Diseases of the intra and extrahepatic bile ducts (2hours)</li> <li>7. Diseases of the leucocytes and the lymphadenopathies (2hours)</li> <li>8. Diseases of the oral cavity and salivary glands (1hours)</li> <li>9. Diseases of the plasma cells (1hours)</li> <li>10. Diseases of the spleen and thymus (1hours)</li> <li>11. Histiocytic neoplasias (1hours)</li> <li>12. Hodgkin lymphomas (2hours)</li> <li>13. Inflammatory bowel diseases (1hours)</li> <li>14. Introduction to hematopoietic system and diseases of the erythrocytes (2hours)</li> <li>15. Myeloid neoplasias (1hours)</li> <li>16. Myeloid neoplasias (1hours)</li> <li>17. Neoplastic diseases of the stomach (1hours)</li> <li>18. Non-Hodgkin lymphomas (2hours)</li> <li>19. Non-neoplastic diseases of the colon and appendix (2hours)</li> <li>20. Non-neoplastic diseases of the small intestine (2hours)</li> <li>21. Non-neoplastic diseases of the stomach (1hours)</li> <li>22. Non-viral hepatitis and cirrhosis (2hours)</li> <li>23. Tumors of the liver (1hours)</li> <li>24. Tumors of the small intestine and colon (1hours)</li> <li>25. Viral hepatitis (2hours)</li> </ol>
<b>Medical Pharmacology (MED 3011)</b> <b>Theoretical:</b> <ol style="list-style-type: none"> <li>1. Antiamibic, antiprotozoal drugs (1hours)</li> <li>2. Antianemic drugs (1hours)</li> <li>3. Antihelminthic drugs (1hours)</li> <li>4. Antimalarial drugs (1hours)</li> <li>5. Antineoplastic drugs (2hours)</li> <li>6. Antiviral drugs -Antiretroviral (1hours)</li> <li>7. Antiviral drugs-Hepatitis (1hours)</li> <li>8. Drugs Used In Acid-Peptic Diseases, H. Pylori (2hours)</li> <li>9. Emetic and antiemetic agents (1hours)</li> <li>10. Hematopoietic growing factors (1hours)</li> </ol>

11. Immunomodulatory drugs (1hours)
12. Laxatives and Antidiarrheal Agents (2hours)
13. Nonsteroidal anti inflammatory drugs (2hours)
14. Other drugs affecting gastrointestinal system (1hours)
15. Pharmacologic principles of cancer chemotherapy (1hours)

**Pediatric surgery (MED 3009)**

**Theoretical:**

1. Congenital anomalies of gastrointestinal tract - Ingestion of foreign bodies and corrosive substances (2hours)
2. Gastrointestinal system examination (2hours)
3. Physical examination of the head and neck (2hours)

**Radiology (MED 3009)**

**Theoretical:**

1. Radiology of the digestive system(1hours)