

## COMMITTEE COURSE CONTENT

**University:** Muğla Sıtkı Koçman University  
**Faculty:** Faculty of Medicine/ **Program:** English Program  
**Academic Year:** 2019-2020  
**Phase:** ...3./ **Comitee:** 1 (CELL AND TISSUE INJURY AND INFECTION)  
**Course Code:** 3100 / **ECTS:** 10 / **T+U+L:**  
**Course Type :** Compulsory/ **Course Length :** 6 weeks/ **Type of Teaching :** Formal/ **Language of Instruction :** English

Clinical Biochemistry (MED 3001)

Theoretical:

1. Acute Phase Reactants (2 hours)
2. Transuda - Exuda (2 hours)
3. Tumormarkers (2 hours)

ClinicalSkills (MED 3009)

Theoretical:

1. HistoryTaking (withsimulatedpatients) Group 1 (2 hours)
2. HistoryTaking (withsimulatedpatients) Group 2 (2 hours)

ClinicalSkills / FamilyMedicine (MED 3004)

Theoretical:

1. HistoryTaking (withrcalpaticnts) Group3 HospitalClinics HistoryTaking (withrealpatients) Group4 EducationFamilyHcalthUnit (2 hours)
2. HistoryTaking (withrcalpaticnts) Group1 HospitalClinics HistoryTaking (withrealpatients) Group2 EducationFamilyHcalthUnit (2 hours)

FamilyMedicine (MED 3004)

Theoretical:

1. DcalingwithGcriatricPaticnts (1 hours))
2. Doctor-patient communication (1 hours))
3. Doctor-PatientCommunication -I (1 hours))
4. Doctor-PatientCommunication -II (1 hours))
5. Doctor-PatientCommunication- Video (1 hours))
6. HistoryTaking (1 hours))

General Surgery (MED 3009)

Theoretical:

1. Asepsia, Antisepsia, Disinfection, Sterilization (1 hours))
2. Surgicalinfections, definitions, risk factorsandsurgicalwounds (1 hours))

HyperbaricMedicinc (MED 3002)

Theoretical:

1. HyperbaricOxygenforthcTrcatmnt of Severe Infections (1 hours))
2. HyperbaricOxygenTreatment (1 hours))

MclicalMicrobiology (MED 3007)

Theoretical:

1. Antibicrobialsusceptibilitytests (2 hours)
2. DiagnosticMethods: Microscopy (1 hours))
3. ImmuncRcsponscsAgainstTumorsandTransplants (2 hours)
4. Immunodeficiencies (1 hours))
5. Propcrspccimncollectionand transport (1 hours))
6. The role of microbiologylaboratory in controllingshospitalinfections (1 hours))
7. Vaccines (1 hours))
8. Distribution (1 hours))
9. IntroductiontoPharmacology, Definition of drug (1 hours))
10. DiagnosticMethods. ELİSA (1 hours))

Medical Genetics (MED 3009)

**Theoretical:**

1. Approach to Familial Cancer Syndromes (2 hours)
2. Dysmorphology (2 hours)

**Medical Microbiology (MED 3007)**

**Theoretical:**

1. Diagnostic Methods. ELISA and seroi (1 hours)
2. Diagnostic Methods: Microscopy (1 hours)
3. Diagnostic Methods: Molecular methods and Proteomics (2 hours)
4. Diagnostic Methods; Culture (1 hours)
5. Hypersensitivity and allergic disorders (2 hours)
6. Immunity against microbes (2 hours)
7. Immunodeficiencies (1 hours)
8. Immunological Tolerance and Autoimmunity (2 hours)
9. Immunology cases (2 hours)
10. Laboratory diagnosis of soft tissue and various body fluids infections and evaluation of results (2 hours)
11. Proper specimen collection and transport (1 hours)
12. Role of microbiology laboratory in diagnosis (1 hours)
13. The role of microbiology laboratory in controlling hospital infections (1 hours)
14. Vaccines (1 hours)
15. Viral oncogenesis (2 hours)

**Medical Pathology (MED 3002)**

**Theoretical:**

1. Apoptosis, Intracellular deposits, Calcifications (2 hours)
2. Autoimmune diseases 1 (1 hours)
3. Autoimmune diseases 2 (1 hours)
4. Carcinogenesis (1 hours)
5. Cell injury, adaptation and necrosis 1 (1 hours)
6. Cell injury, adaptation and necrosis 2 (1 hours)
7. Electrolyte balance (1 hours)
8. Hypersensitivity reactions 1 (1 hours)
9. Hypersensitivity reactions 2 (1 hours)
10. Immune system and immune deficiencies (1 hours)
11. Inflammation (2 hours)
12. Introduction of pathology and the pathology laboratory (1 hours)

**Medical Pharmacology (MED 3011)**

**Theoretical:**

1. "Breaking the mould - The story of Penicillin" film gösterimi (2 hours)
2. Aminoglycosides (1 hours)
3. Antiseptics and disinfectants (1 hours)
4. Cephalosporins (1 hours)
5. Drug-Drug interactions (2 hours)
6. Drug absorption (1 hours)
7. Drug receptor interactions (1 hours)
8. Drugs & Dosage forms 1 (1 hours)
9. Drugs & Dosage forms 2 (1 hours)
10. Elimination (1 hours)
11. Factors affecting drug action (1 hours)
12. Interaction between antibiotics and combination of antibiotics (1 hours)
13. Introduction to chemotherapeutics (1 hours)
14. Introduction to Pharmacology, Definition of drug (1 hours)
15. Macrolids, Linkosamide, Streptogramins (2 hours)
16. Mechanism of drug action (1 hours)
17. Membrane transporters ve drug response (1 hours)
18. Metabolism 1 (1 hours)
19. Metabolism 2 (1 hours)

20. Other beta-lactam antibiotics, polypeptide antibiotics (1 hours))
21. Penicillins 1 (1 hours))
22. Penicillins 2 (1 hours))
23. Plasma concentration- time curves (1 hours))
24. Rational Antibiotic use (1 hours))
25. Sulfonamides, Trimethoprim, Quinolones (2 hours)
26. Tetracyclines, Aminoglycosides (1 hours))
27. The Drug Development Process 2 (1 hours))
28. The Drug Development Process 1 (1 hours))
29. Toxic effects of drugs, Introduction to toxicology 1 (1 hours))
30. Toxic effects of drugs, Introduction to toxicology 2 (1 hours))
31. Treatment of infectious diseases with case examples (2 hours)

**Oncology (MED 3009)**

**Theoretical:**

1. Diagnostic Approach to Cancer Patient (1 hours))
2. Epidemiology and Etiology in Cancer (2 hours)
3. Symptomatic Approach to Cancer Patient (2 hours)

**Tıbbi Genetik (MED 3009)**

**Theoretical:**

1. Clinical Genetics