

## COMMITTEE COURSE CONTENT

**University:** Muğla Sıtkı Koçman University

**Faculty:** Faculty of Medicine/ **Program:** English Program

**Academic Year:** 2019-2020

**Phase:** ...3./ **Comitee 5** (MUSCULOSKELETAL SYSTEM AND NEUROPSYCHIATRY)

**Course Code:** 3500/ **ECTS:** 9/ **T+U+L:**

**Course Type :** Compulsory/ **Course Length :** ..... weeks/ **Type of Teaching :** Formal/ **Language of Instruction :** English

Clinical Biochemistry (MED3001)

Theoretical:

1. Biochemistry of CSF (2 hours)
2. Biochemistry of Muscles (2 hours)
3. Biochemistry of skeleton system (1 hours)

Clinical Microbiology (MED 3007)

Theoretical:

1. **Laboratory diagnosis of central nervous system infections and evaluation of results (2 hours)**

Clinical Skills (MED 3007)

Theoretical:

1. 1-Neurology (6h)
2. 2-Psychiatry (4 hours)
3. 3-Orthopedics (4 hours)
4. 4-RadioIology (4 hours)

Internal Medicine (MED 3009)

Theoretical:

1. Arthritis(1 hours)

Medical Genetics (MED 3009)

Theoretical:

1. Nervous system genetics (2 hours)
2. Genetic approach to skeletal dysplasias(2 hours)
3. Genetics of muscle diseases (1 hours)

Medical Pathology (MED)

Theoretical:

1. CNS injury, vascular and congenital malformations of the CNS (2 hours)
2. Congenital and metabolic diseases of the bone (1 hours)
3. Degenerative and demyelinating diseases of the CNS (1 hours)
4. Diseases of the joints (1 hours)
5. Tumors of the bone and the cartilage (2 hours)
6. Tumors of the CNS (1 hours)
7. Tumors of the peripheral nevre sheath (1 hours)
8. Tumors of the soft tissue (1 hours)

Medical Pharmacology (MED 3011)

Theoretical:

1. Antipsychotic Agents (2 hours)
2. Antiseizure Drugs (2 hours)
3. Drug therapy of depression and anxiety disorders (2 hours)
4. Drugs of abuse and drug addiction (3 hours)
5. General and Local Anesthetics-1 (1 hours)
6. General and Local Anesthetics-2 (1 hours)
7. General and Local Anesthetics-3 (1 hours)
8. Introduction to the Pharmacology of CNS Drugs (1 hours)
9. Neuromediators and neurotransmitters (1 hours)

<ul style="list-style-type: none"> <li>10. Opioid analgesics and antagonists (2 hours)</li> <li>11. Pharmacologic Management of Parkinsonism and Other Movement Disorders (2 hours)</li> <li>12. Sedative-Hypnotic Drugs (1 hours)</li> <li>13. Serotonin, agonists, antagonist and treatment of migraine (2 hours)</li> <li>14. Skeletal Muscle Relaxants (1 hours)</li> <li>15. The Alcohols(1 hours)</li> </ul>
<p>Neurology (MED3009)</p> <p>Theoretical:</p> <ul style="list-style-type: none"> <li>1. Approach to the patient with seizure (1 hours)</li> <li>2. Approach to the patients with headache (1 hours)</li> <li>3. Approach to the patients with stroke (2 hours)</li> <li>4. Demantia (1 hours)</li> <li>5. Movement Disorders (1 hours)</li> <li>6. Multiple Sclerosis ana other demyelinating diseases (1 hours)</li> <li>7. Neurological Examination (2 hours)</li> <li>8. Neuromuscular diseases (1 hours)</li> <li>9. Neuromuscular diseases (1 hours)</li> <li>10. Status Epilepticus(1 hours)</li> </ul>
<p>Neurosurgery (MED 3009)</p> <p>Theoretical:</p> <ul style="list-style-type: none"> <li>1. Clinical Findings and Diagnosis in congenital malformations and hydrocephalus (1 hours)</li> <li>2. Clinical Findings and Diagnosis in disc herniation and spondylosis (1 hours)</li> </ul>
<p>Orhtopedics (MED 3009)</p> <p>Theoretical:</p> <ul style="list-style-type: none"> <li>1. Pediatric Hip Disorders (1 hours)</li> <li>2. Characteristics of Pediatric Fractures (1 hours)</li> <li>3. Degenerative Joint Diseases (1 hours)</li> <li>4. Disorders of Hand and Wrist (1 hours)</li> <li>5. Fracture Healing (1 hours)</li> <li>6. Fractures and Complications (1 hours)</li> <li>7. Musculoskeletal Infections (1 hours)</li> <li>8. Musculoskeletal Tumors (1 hours)</li> <li>9. Open Fractures (1 hours)</li> <li>10. Orthopaedic Terminology (1 hours)</li> </ul>
<p>Pediatry (MED 3009)</p> <p>Theoretical:</p> <ul style="list-style-type: none"> <li>1. Pediatric neurology and musculoskeletal system examination(1 hours)</li> </ul>
<p>Professional Skills (MED 3009)</p> <p>Theoretical:</p> <ul style="list-style-type: none"> <li>1. 1 - Musculoskeletal system Examination (8 hours)</li> <li>2. 2- Pediatric Neurology and Musculoskeletal system Examination (8 hours)</li> <li>3. 3- Muscular tone and strength and sensory examination (8 hours)</li> <li>4. 4- Physical Examination in Neurosurgical patients (8 hours)</li> </ul>
<p>Psychiatry (MED 3009)</p> <p>Theoretical:</p> <ul style="list-style-type: none"> <li>1. Anxiety disorders (1 hours)</li> <li>2. Mood disorders (1 hours)</li> <li>3. Obsessive compulsive disorders, impulse control disorders (1 hours)</li> <li>4. Personality disorders (1 hours)</li> <li>5. Psychiatry, Psychopatology, Mental status examination (1 hours)</li> <li>6. Psychotic disorders: Types, symptoms (1 hours)</li> <li>7. Sleep disorders, Eating disorders (1 hours)</li> </ul>
<p>4-Radiology (MED 3009)</p> <p>Theoretical:</p> <ul style="list-style-type: none"> <li>1. Nervous System Radiology (1 hours)</li> <li>2. Radiology of musculoskeletal system (1 hours)</li> </ul>

