

## COMMITTEE COURSE CONTENT

**University:** Muğla Sıtkı Koçman University  
**Faculty:** Faculty of Medicine/ **Program:** English Program  
**Academic Year:** 2023-2024  
**Phase:** ...3./ **Comitee 4** ( .....)  
**Course Code:** 3400 / **ECTS:** 12 / **T+U+L:**  
**Course Type :** Compulsory/ **Course Length :** 6 weeks/ **Type of Teaching :** Formal/ **Language of Instruction :** English

### Clinical Biochemistry (MED 3001)

#### Theoretical:

1. Adrenal function tests-1 (1hours)
2. Adrenal function tests-2 (1hours)
3. Biochemistry of Diabetes Mellitus -1 (1hours)
4. Biochemistry of Diabetes Mellitus -2 (1hours)
5. Gonadal function tests -1 (1hours)
6. Gonadal function tests -2 (1hours)
7. Kidney function tests -1 (1hours)
8. Kidney function tests -2 (1hours)
9. Parathyroid function tests -1 (1hours)
10. Parathyroid function tests -2 (1hours)
11. Prenatal screening tests-1 (1hours)
12. Prenatal screening tests-2 (1hours)
13. Thyroid function tests -1 (1hours)
14. Thyroid function tests -2 (1hours)
15. Urinary analysis tests -1 (1hours)
16. Urinary analysis tests -2 (1hours)

### General Surgery (MED 3009)

#### Theoretical:

1. **Benign Disorders of the Breast (1hours)**
2. **Examination and diagnosis in breast disorders (1hours)**
3. **Malignant Disorders of the Breast (1hours)**
4. **Surgical anatomy, physiology, symptoms and clinical features of breast disorders (1hours)**
5. **Symptoms and clinical features of adrenal disorders (1hours)**
6. **Symptoms and clinical features of thyroid disorders, Symptoms and clinical features of parathyroid disorders (1hours)**

### Internal Medicine (MED 3009)

#### Theoretical:

1. Acid-base disorders (1hours)
2. Adrenal Insufficiency, Cushing's Disease, Pheochromocytoma, Primary Hyperaldosteronism (1hours)
3. Approach to fluid-electrolyte disorders-1 (1hours)
4. Approach to fluid-electrolyte disorders-2 (1hours)
5. Diabetes Mellitus and complications, Gestational Diabetes mellitus (1hours)
6. Hematuria (1hours)
7. Hyperparathyroidism, Hypoparathyroidism (1hours)
8. Hyperthyroidism, Hypothyroidism, Thyroiditis (1hours)
9. Physical examination and laboratory in Kidney Diseases (1hours)
10. Proteinuria (1hours)
11. Renal physiology-1 (1hours)
12. Renal physiology-2 (1hours)
13. Story and physical examination in Kidney Diseases (1hours)
14. Symptoms and diagnosis of hypophysial disorders (1hours)

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| <p><b>15. Urinalysis (1hours)</b></p> <p><b>Medical Genetics (MED 3009)</b><br/> <b>Theoretical:</b></p> <ol style="list-style-type: none"> <li>1. Approach to recurrent pregnancy loss (1hours)</li> <li>2. Genetic approach to ambiguous genitalia (1hours)</li> <li>3. Genetic approach to breast cancer (1hours)</li> <li>4. Infertility and genetics(1hours)</li> </ol>  |
| <p><b>Medical Microbiology (MED 3007)</b><br/> <b>Theoretical:</b></p> <ol style="list-style-type: none"> <li>1. Laboratory diagnosis of genito-urinary system infections and evaluation of results -1 (1hours)</li> <li>2. Laboratory diagnosis of genito-urinary system infections and evaluation of results -2 (1hours)</li> <li>3. Laboratory diagnosis of genito-urinary system infections and evaluation of results -3 (1hours)</li> <li>4. Laboratory diagnosis of genito-urinary system infections and evaluation of results -4 (1hours)</li> </ol>   |
| <p><b>Medical Pathology (MED)</b><br/> <b>Theoretical:</b></p> <ol style="list-style-type: none"> <li>1. Benign diseases of the breast (1hours)</li> <li>2. Congenital, cystic and tubulointerstitial diseases of the kidney (2hours)</li> <li>3. Diseases of the adrenal gland (2hours)</li> <li>4. Diseases of the bladder (1hours)</li> <li>5. Diseases of the endocrine pancreas (1hours)</li> <li>6. Diseases of the male genital system (2hours)</li> <li>7. Diseases of the parathyroid glands (1hours)</li> <li>8. Diseases of the placenta (1hours)</li> <li>9. Diseases of the prostate (1hours)</li> <li>10. Diseases of the tuba and ovary (2hours)</li> <li>11. Diseases of the uterus and endometrium (2hours)</li> <li>12. Diseases of the vulva, vagina and cervix (2hours)</li> <li>13. Introduction to endocrine system pathology- Benign diseases of the thyroid and parathyroid glands, Tumors of the thyroid gland (1hours)</li> <li>14. Introduction to urinary system pathology and glomerular diseases (2hours)</li> <li>15. Malignant diseases of the breast (1hours)</li> <li>16. Tumors of the kidney (1hours)</li> </ol>  |
| <p><b>Medical Pharmacology (MED 3011)</b><br/> <b>Theoretical:</b></p> <ol style="list-style-type: none"> <li>1. Adrenocorticosteroids &amp; Adrenocortical Antagonists (1hours)</li> <li>2. Agents That Affect Bone Mineral Homeostasis -2 (1hours)</li> <li>3. Androgens (1hours)</li> <li>4. Diuretic Agents -1 (1hours)</li> <li>5. Diuretic Agents -2 (1hours)</li> <li>6. Drug use during pregnancy (1hours)</li> <li>7. Estrogens and progestins (1hours)</li> <li>8. Experimental animals (1hours)</li> <li>9. Hypothalamic &amp; Pituitary Hormones-1 (1hours)</li> <li>10. Hypothalamic &amp; Pituitary Hormones-2 (1hours)</li> <li>11. Introduction to Endocrine system pharmacology -1 (1hours)</li> <li>12. Introduction to Endocrine system pharmacology -2 (1hours)</li> <li>13. Obesity treatment (1hours)</li> <li>14. Oral contraceptives and uterine motility drugs (1hours)</li> <li>15. Pancreatic Hormones &amp; Antidiabetic Drugs -1 (1hours)</li> <li>16. Pancreatic Hormones &amp; Antidiabetic Drugs -2 (1hours)</li> <li>17. Pancreatic Hormones &amp; Antidiabetic Drugs -3 (1hours)</li> <li>18. Thyroid &amp;Antithyroid Drugs -1 (1hours)</li> <li>19. Thyroid &amp;Antithyroid Drugs -2 (1hours)</li> </ol> |

**Obstetrics and Gynecology (MED3009)**

**Theoretical:**

1. Antenatal Care (1hours)
2. Embryology (1hours)
3. Female Genital System Anatomy (2hours)
4. Introduction to Gynecology, Signs and Symptoms (2hours)
5. Introduction to Obstetrics, Signs and Symptoms (1hours)
6. Menstrual Cycle and Disorders-1 (1hours)
7. Menstrual Cycle and Disorders-2 (1hours)
8. Pregnancy Physiology-1 (1hours)
9. Pregnancy Physiology-2 (1hours)

**Pediatrics (MED 3009)**

**Theoretical:**

1. Pediatric Genitourinary system examination (2hours)

**Urology (MED 3009)**

**Theoretical:**

1. Congenital Anomalies of the Genitourinary System-1 (1hours)
2. Congenital Anomalies of the Genitourinary System-2 (1hours)
3. Diseases of Prostate (1hours)
4. Endourology (1hours)
5. Nonspecific infections of the genitourinary system (1hours)
6. Obstructive Uropathies (1hours)
7. Symptomatology, Physical Examination and Laboratory 1 (1hours)
8. Symptomatology, Physical Examination and Laboratory 2 (1hours)
9. Urolithiasis (1hours)
10. Urological Trauma (1hours)