

## COMMITTEE COURSE CONTENT

**University:** Muğla Sıtkı Koçman University

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

**Academic Year:** 2019-2020

**Phase:** ...3./ **Comitee:** 4 (ENDOCRINE AND UROGENITAL SYSTEMS)

**Course Code:** 3400 / **ECTS:** 12 / **T+U+L:**

**Course Type :** Compulsory/ **Course Length :** 6 weeks/ **Type of Teaching :** Formal/ **Language of Instruction :** English

### CLINICAL SKILLS (ME 3009)

Theoretical:

1. 1-Internal Medicine (6 hours)
2. 2-Urology (6 hours)
3. 3-Pediatrics (6 hours)
4. 4-Obstetrics and Gynecology (6 hours)

### Clinical Biochemistry (MED 3001)

Theoretical:

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

### General Surgery (MED 3009)

Theoretical:

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

### Internal Medicine (MED 3009)

Theoretical:

1. Approach to fluid-electrolyte disorders-1 (1 hours)
2. Approach to fluid-electrolyte disorders-2 (1 hours)
3. Classification of kidney diseases (1 hours)
4. Hematuria (1 hours)
5. Proteinuria (1 hours)
6. Renal Function tests (1 hours)
7. Renal Images (1 hours)
8. Renal physiology-1 (1 hours)
9. Renal physiology-2 (1 hours)

<ul style="list-style-type: none"> <li>10. Story and physical examination in Kidney Diseases -1 (1 hours)</li> <li>11. Story and physical examination in Kidney Diseases -2 (1 hours)</li> <li>12. Symptoms and diagnosis of adrenal diseases (1 hours)</li> <li>13. Symptoms and diagnosis of calcium metabolic disorders (1 hours)</li> <li>14. Symptoms and diagnosis of Diabetes Mellitus (1 hours)</li> <li>15. Symptoms and diagnosis of hypophysial disorders (1 hours)</li> <li>16. Symptoms and diagnosis of thyroid disorders (1 hours)</li> <li>17. Urinalysis(1 hours)</li> </ul>
<p><b>Medical Genetics (MED3009)</b>  <b>Theoretical:</b></p> <ul style="list-style-type: none"> <li>1. Approach to recurrent pregnancy loss (1 hours)</li> <li>2. Genetic approach to ambiguous genitalia (2 hours)</li> <li>3. Genetic approach to breast cancer (2 hours)</li> <li>4. Infertility and genetics (1 hours)</li> </ul>
<p><b>Medical Microbiology (MED)</b>  <b>Theoretical:</b></p> <ul style="list-style-type: none"> <li>1. Laboratory diagnosis of genito-urinary system infections and evaluation of results -1 (1 hours)</li> <li>2. Laboratory diagnosis of genito-urinary system infections and evaluation of results -2 (1 hours)</li> <li>3. Laboratory diagnosis of genito-urinary system infections and evaluation of results -3 (1 hours)</li> <li>4. Laboratory diagnosis of genito-urinary system infections and evaluation of results -4(1 hours)</li> </ul>
<p><b>Medical Pharmacology (MED 3011)</b>  <b>Theoretical:</b></p> <ul style="list-style-type: none"> <li>1. Adrenocorticosteroids &amp; Adrenocortical Antagonists (1 hours)</li> <li>2. Agents That Affect Bone Mineral Homeostasis -1 (1 hours)</li> <li>3. Agents That Affect Bone Mineral Homeostasis -2 (1 hours)</li> <li>4. Androgens (1 hours)</li> <li>5. Diuretic Agents -1 (1 hours)</li> <li>6. Diuretic Agents -2 (1 hours)</li> <li>7. Drug use during pregnancy (1 hours)</li> <li>8. Drugs Used to Treat Fluid &amp; Electrolyte Imbalances-1 (1 hours)</li> <li>9. Drugs Used to Treat Fluid &amp; Electrolyte Imbalances-2 (1 hours)</li> <li>10. Estrogens and progestins (1 hours)</li> <li>11. Experimental animals (1 hours)</li> <li>12. Hypothalamic &amp; Pituitary Hormones-1 (1 hours)</li> <li>13. Hypothalamic &amp; Pituitary Hormones-2 (1 hours)</li> <li>14. Introduction to Endocrine system pharmacology -1 (1 hours)</li> <li>15. Introduction to Endocrine system pharmacology -2 (1 hours)</li> <li>16. Obesity treatment (1 hours)</li> <li>17. Oral contraceptives and uterine motility drugs-1 (1 hours)</li> <li>18. Oral contraceptives and uterine motility drugs-2 (1 hours)</li> <li>19. Pancreatic Hormones &amp; Antidiabetic Drugs -1 (1 hours)</li> <li>20. Pancreatic Hormones &amp; Antidiabetic Drugs -2 (1 hours)</li> <li>21. Pancreatic Hormones &amp; Antidiabetic Drugs -3 (1 hours)</li> <li>22. Pharmacology of Doping (1 hours)</li> <li>23. Thyroid &amp;Antithyroid Drugs -1 (1 hours)</li> <li>24. Thyroid &amp;Antithyroid Drugs -2 (1 hours)</li> <li>25. Treatment Of Acid Base Disorders(1 hours)</li> </ul>
<p><b>Obstetrics and Gynecology (MED 3009)</b>  <b>Theoretical:</b></p> <ul style="list-style-type: none"> <li>1. Antenatal Care (1 hours)</li> <li>2. Embryology (1 hours)</li> <li>3. Epidemiology in Gynecological Oncology (1 hours)</li> <li>4. Female Genital System Anatomy-1 (1 hours)</li> </ul>

<ul style="list-style-type: none"> <li>5. Female Genital System Anatomy-2 (1 hours)</li> <li>6. Introduction to Gynecology, Signs and Symptoms (1 hours)</li> <li>7. Introduction to Obstetrics, Signs and Symptoms (1 hours)</li> <li>8. Menstrual Cycle and Disorders-1 (1 hours)</li> <li>9. Menstrual Cycle and Disorders-2 (1 hours)</li> <li>10. Pregnancy Physiology-1 (1 hours)</li> <li>11. Pregnancy Physiology-2(1 hours)</li> </ul>
<p><b>Pathology (MED 3002)</b> Theoretical:</p> <ul style="list-style-type: none"> <li>1. Benign diseases of the breast (1 hours)</li> <li>2. Congenital, cystic and tubulointerstitial diseases of the kidney (1 hours)</li> <li>3. Diseases of the adrenal gland (1 hours)</li> <li>4. Diseases of the bladder (1 hours)</li> <li>5. Diseases of the endocrine pancreas (1 hours)</li> <li>6. Diseases of the male genital system (1 hours)</li> <li>7. Diseases of the placenta (1 hours)</li> <li>8. Diseases of the prostate (1 hours)</li> <li>9. Diseases of the tuba and ovary (1 hours)</li> <li>10. Diseases of the uterus and endometrium (1 hours)</li> <li>11. Diseases of the vulva, vagina and cervix (1 hours)</li> <li>12. Introduction to endocrine system pathology- Benign diseases of the thyroid and parathyroid glands (1 hours)</li> <li>13. Introduction to urinary system pathology and glomerular diseases-1 (1 hours)</li> <li>14. Introduction to urinary system pathology and glomerular diseases-2 (1 hours)</li> <li>15. Malignant diseases of the breast (1 hours)</li> <li>16. Tumors of the kidney (1 hours)</li> <li>17. Tumors of the thyroid gland(1 hours)</li> </ul>
<p><b>Pediatrics (MED 3009)</b> Theoretical:</p> <ul style="list-style-type: none"> <li>1. Pediatric Genitourinary system examination (2 hours)</li> </ul>
<p><b>PROFESSIONAL SKILLS (MED 3009)</b> Theoretical:</p> <ul style="list-style-type: none"> <li>1. 1 -Genitourinary system examination (8h)</li> <li>2. 2- Breast Examination (8h)</li> <li>3. 3- Ophthalmoscopic Examination (8h)</li> <li>4. 4- Pediatric Genitourinary system examination (8h)</li> </ul>
<p><b>Radiology (MED3009)</b> Theoretical:</p> <ul style="list-style-type: none"> <li>1. Radiology of urogenital system(1 hours)</li> </ul>
<p><b>Urology (MED3009)</b> Theoretical:</p> <ul style="list-style-type: none"> <li>1. Congenital Anomalies of the Genitourinary System-1 (1 hours)</li> <li>2. Congenital Anomalies of the Genitourinary System-2 (1 hours)</li> <li>3. Diseases of Prostate (1 hours)</li> <li>4. Endourology (1 hours)</li> <li>5. Nonspecific infections of the genitourinary system (1 hours)</li> <li>6. Obstructive Uropathies (1 hours)</li> <li>7. Symptomatology, Physical Examination and Laboratory 1 (1 hours)</li> <li>8. Symptomatology, Physical Examination and Laboratory 2 (1 hours)</li> <li>9. Urolithiasis (1 hours)</li> <li>10. Urological Trauma (1 hours)</li> </ul>