# Medicine and Surgery Master's Degree Study Plan

## FIRST YEAR – 60 ECTS

| 1st Semester | Total ECTS | SDS | Subject | Partial ECTS |
|---|---|---|---|---|
| **CHEMISTRY AND INTRODUCTORY BIOCHEMISTRY** | 6 | BIOS-07/A | Biochemistry | 6 |
| | | | | |
| **BIOLOGY AND GENETICS** | 10 | BIOS-10/A | Applied Biology | 9 |
| | | MEDS-01/A | Medical Genetics | 1 |
| | | | | |
| **PHYSICS AND STATISTICS** | 12 | PHY06/A | Applied Physics | 5 |
| | | MEDS-24/A | Medical Statistics | 4 |
| | | INFO-01/A | Informatics | 3 |
| | | | | |
| **2nd Semester** | **Total ECTS** | **SDS** | **Subject** | **Partial ECTS** |
| | | | | |
| **HYSTOLOGY AND EMBRIOLOGY** | 10 | BIOS-13/A | Hystology | 10 |
| | | | | |
| **HUMAN ANATOMY I** | 10 | BIOS-12/A | Human Anatomy | 10 |
| | | | | |
| **ECONOMICS AND INTERNATIONAL SOCIAL POLITICS** | 7 | MEDS-02/C | History of Medicine | 2 |
| | | ECON-04/A | Applied Economics | 2 |
| | | PHIL-03/A | Moral Philosophy | 3 |
| | | | | |
| **CLINICAL PRACTICE** | 5 | | | 5 |

## SECOND YEAR – 60 ECTS

| 1st Semester | Total ECTS | SDS | Subjects | Partial ECTS |
|---|---|---|---|---|
| | | | | |
| **BIOCHEMISTRY** | 12 | BIOS-07/A | Biochemistry | 8 |
| | | BIOS-08/A | Molecular Biology | 4 |
| | | | | |
| **HUMAN ANATOMY II** | 7 | BIOS-12/A | Human Anatomy | **7** |
| | | | | |
| **MICROBIOLOGY** | 8 | MEDS-03/A | Bacteriology | 4 |
| | | MEDS-03/A | Virology | 3 |
| | | MVET/03B | Parasitology | 1 |
| | | | | |
| **ELECTIVES** | 1 | | | 1 |
| | | | | |
| **2nd Semester** | **Total ECTS** | **SDS** | **Subject** | **Partial ECTS** |
| | | | | |
| **PHYSIOLOGY I** | 10 | BIOS-06/A | Physiology | 9 |
| | | MEDF-01/A | Methods and Teaching of Motor Activity | 1 |
| | | | | |
| **PHYSIOLOGY II** | 10 | BIOS-06/A | Physiology | 9 |
| | | MEDF-01/B | Methods and Teaching of Sports Activity | 1 |
| | | | | |
| **IMMUNOLOGY AND IMMUNOPATHOLOGY** | 4 | MEDS-02/A | General Pathology | 4 |
| | | | | |
| **GENERAL PATHOLOGY** | 8 | MEDS-26/A | Laboratory Medicine Techincal Sciences | 2 |
| | | MEDS-02/A | General Pathology | 6 |

## THIRD YEAR – 60 ECTS

| 1st Semester | Total ECTS | SDS | Subject | Partial ECTS |
|---|---|---|---|---|
| **PHARMACOLOGY** | 8 | BIOS-11/A | Pharmacology | 8 |
| | | | | |
| **LABORATORY MEDICINE** | 7 | BIOS-09/A | Clinical Biochemistry and Clinical Molecular Biochemistry | 2 |
| | | MEDS-02/B | Clinical Pathology | 2 |
| | | MEDS-03/A | Microbiology and Clinical Microbiology | 2 |
| | | MVET/03B | Clinical Parasitology | 1 |
| | | | | |
| **SEMEIOTICS AND CLINICAL METHODOLOGY** | 4 | MEDS-06/A | General Surgery | 2 |
| | | MEDS-05/A | Internal Medicine | 2 |
| | | | | |
| **GENERAL HYGIENE** | 6 | MEDS-24/B | General and Applied Hygiene | 6 |
| | | | | |
| **ELECTIVES** | 3 | | | |
| | | | | |
| **2nd Semester** | **Total ECTS** | **SDS** | **Subject** | **Partial ECTS** |
| | | | | |
| **SYSTEMATIC PATHOLOGY I** | 11 | MEDS-07/A | Respiratory System diseases | 2 |
| | | MEDS-07/B | Cardiovascular System diseases | 3 |
| | | MEDS-13/A | Chest Surgery | 2 |
| | | MEDS-13/B | Vascular Surgery | 2 |
| | | MEDS-13/C | Heart Surgery | 2 |
| | | | | |
| **SYSTEMATIC PATHOLOGY II** | 12 | MEDS-10/A | Gastroenterology | 2 |
| | | MEDS-08/A | Endocrinology | 3 |
| | | MEDS-08/B | Nephrology | 2 |
| | | MEDS-14/C | Urology | 3 |
| | | MEDS-08/C | Applied Dietary Techinical Sciences | 2 |
| | | | | |
| **ANATOMIC PATHOLOGY I** | 6 | MEDS-04/A | Anatomic Pathology | 6 |
| | | | | |
| **ELECTIVES** | 3 | | | |

## FOURHT YEAR – 60 ECTS

| 1st Semester | Total ECTS | SDS | Subject | Partial ECTS |
|---|---|---|---|---|
| | | | | |
| **ANATOMIC PATHOLOGY II** | 8 | MEDS-04/A | Anatomic Pathology | 8 |
| | | | | |
| **SYSTEMATIC PATHOLOGY III** | 10 | MEDS-09/B | Blood Diseases | 3 |
| | | MEDS-05/A | Allergology - Immunology | 1 |
| | | MEDS-09/C | Rheumatology | 2 |
| | | MEDS-10/B | Infectious Diseases | 4 |
| | | | | |
| **INTERNAL MEDICINE AND GERIATRICS** | 4 | MEDS-05/A | Geriatrics | 3 |
| | | MEDS-19/B | Physical Medicine and Rehabilitation | 1 |
| **ELECTIVES** | 1 | | | |
| | | | | |
| **CLINICAL PRATICE** | 7 | | | |
| | | | | |
| **2nd Semester** | **Total ECTS** | **SDS** | **Subject** | **Partial ECTS** |
| | | | | |
| **OBSTETRICS AND GYNECOLOGY** | 5 | MEDS-21/A | Obstetrics and Gynecology | 5 |
| | | | | |
| **PSYCHIATRY** | 5 | MEDS-11/A | Psychiatry | 3 |
| | | PSIC-04/B | Clinical Psychology | 2 |
| | | | | |
| **PEDIATRIC SCIENCES** | 9 | MEDS-20/A | General and Specialist Pediatrics | 4 |
| | | MEDS-14/B | Pediatric Surgery | 3 |
| | | MEDS-20/B | Pediatric Neuropsychiatry | 2 |
| **CLINICAL PRATICE** | 11 | | | |

## FIFTH YEAR – 60 ECTS

| 1st Semester | Total ECTS | SDS | Subject | Partial ECTS |
|---|---|---|---|---|
| | | | | |
| **NEUROLOGICAL SCIENCES** | 6 | MEDS-12/A | Neurology | 4 |
| | | MEDS-15/A | Neurosurgery | 1 |
| | | MEDS-22/B | Neuroradiology | 1 |
| | | | | |
| **MUSCULOSKELETAL SYSTEM DISEASES** | 4 | MEDS-19/A | Musculoskeletal system diseases | 4 |
| | | | | |
| **SPECIALIST DISCIPLINES** | 6 | MEDS-16/A | Odontostomatological Diseases | 2 |
| | | MEDS-17/A | Visual Apparatus Diseases | 2 |
| | | MEDS-18/A | Otolaryngology | 2 |
| | | | | |
| **CLINICAL PRATICE** | 10 | | | |
| | | | | |
| **2nd Semester** | **Total ECTS** | **SDS** | **Subject** | **Partial ECTS** |
| | | | | |
| **GENERAL SURGERY** | 9 | MEDS-06/A | General Surgery | 9 |
| | | | | |
| **DERMATOLOGY AND PLASTIC SURGERY** | **5** | MEDS-10/C | Skin and Venereal Diseases | 3 |
| | | MEDS-14/A | Plastic Surgery | 2 |
| | | | | |
| **DIAGNOSTIC IMAGING AND RADIOTHERAPY** | 5 | MEDS-22/A | Diagnostic Imaging and Radiotherapy | 5 |
| | | | | |
| **THESIS PREPARATION** | 5 | | | |
| | | | | |
| **CLINICAL PRATICE** | 5 | | | |
| **QUALIFYNG CLINICAL PRATICE** | 5 | | | |

## SIXTH YEAR – 60 ECTS

| 1st Semester | Total ECTS | SDS | Subject | Partial ECTS |
|---|---|---|---|---|
| **INTERNAL MEDICINE AND SURGICAL CLINIC** | 13 | MEDS-24/C | General, clinical and pediatric nursing sciences | 1 |
| | | MEDS-01/A | Medical Genetics | 2 |
| | | MEDS-08/C | Applied Dietary Techinical Sciences | 1 |
| | | MEDS-09/A | Medical Oncology | 2 |
| | | MEDS-06/A | General Surgery | 2 |
| | | MEDS-05/A | Internal Medicine | 5 |
| | | | | |
| **LEGAL MEDICINE AND EMERGENCY MEDICINE** | 11 | MEDS-25/A | Legal Medicine | 4 |
| | | MEDS-23/A | Anesthesiology | 3 |
| | | MEDS-05/A | Emergency medicine and First Aid | 3 |
| | | MEDS-06/A | Emergency Surgery | 1 |
| | | | | |
| **SCIENTIFIC ENGLISH** | 6 | ANGL-01/C | English language | 6 |
| | | | | |
| **2nd Semester** | **Total ECTS** | **SDS** | **Subject** | **Partial ECTS** |
| | | | | |
| **CLINICAL PRATICE** | 7 | | | 7 |
| **QUALIFYNG CLINICAL PRATICE** | 5 | | | 5 |
| **QUALIFYNG CLINICAL PRATICE** | 5 | | | 5 |
| | | | | |
| **FINAL EXAM** | 13 | | | 13 |
| | | | | |