

Study Plan

Of

Faculty of Medicine Bylaw

Merit University

Sohag

Bachelor of Medicine and Surgery

Level 1 /1st semester (30 points/15 weeks)

Pre-clinical stage: introduction - general basic medical sciences - patient, physician and Society

| Final exam hours | Total marks | Hours\Week | Points | Code | Departments | Block | # |
|------------------|-------------|--------------|--------|---------|--|--|---|
| 0.5 | 15 | 1 week | 1 | PSM-101 | Medical Education Development & Training Center | Principles of studying medicine | 1 |
| 3 | 180 | 7 weeks | 12 | PMS-102 | Human Anatomy & Embryology Histology | Principles of microscopic and macroscopic structures | 2 |
| 3 | 180 | 7 weeks | 12 | CBF-103 | Medical Physiology Medical Biochemistry | Cell biology and function | 3 |
| 1.5 | 75 | 4 hours/week | 5 | PPS-132 | Forensic Medicine & Clinical Toxicology, Neurology & Psychiatry | <u>Patient, Physician & Society:</u> - Introduction to being a Physician. - Ethics, Law & Professionalism. - Behavioral Medicine. | 4 |

Level 1 /2nd semester 30 points/ 16 weeks

Pre-clinical stage: introduction- general basic medical sciences - Introduction to patient care

| Final exam hours | Total marks | Hours\Week | Points | Code | Departments | Block | # |
|------------------|-------------|--------------|--------|----------|---|---|---|
| 3 | 187.5 | 8 weeks | 12.5 | MPT-104 | Pathology Medical pharmacology | Mechanisms and principles of diseases & therapy | 1 |
| 3 | 187.5 | 8 weeks | 12.5 | INI- 105 | Medical Microbiology & Immunology Medical Parasitology | Infection and immunity | 2 |
| 1.5 | 75 | 4 hours/week | 5 | IPC-133 | Medical Education Development & Training Center | <u>Introduction to Patient Care 1:</u> -Medical Interviewing. -Introduction to Physical Examination1. -Clinical Experiences 1. | 3 |

Level 2 / 3rd semester (30 points/15 weeks)
Pre-clinical stage: Organ System Blocks - Introduction to patient care

| Final exam hours | Total marks | Hours\Week | Points | Code | Departments | Block | # |
|------------------|-------------|--------------|--------|---------|---|--|---|
| 2 | 120 | 5 weeks | 8 | CAS-206 | All departments of Basic Sciences** | Cardiovascular system | 1 |
| 2 | 120 | 5 weeks | 8 | GIT-207 | All departments of Basic Sciences** | GIT, Gastrointestinal system | 2 |
| 2 | 120 | 5 weeks | 8 | SMU-208 | All departments of Basic Sciences** | Skin & Musculoskeletal system | 3 |
| 0.5 | 30 | 2 hours/week | 2 | IPC-234 | Medical Education Development & Training Center | <u>Introduction to Patient Care 2:-</u> Advanced Physical Examination 2. Clinical Experiences 2. Advanced Medical Interviewing. Clinical Procedures. | 4 |
| 1 | 60 | 4 hours/week | 4 | ELE1 | | Elective 1 | 5 |

**Anatomy,Histology,Biochemistry,Physiology,Pathology,Pharmacology,Microbiology,Parasitology

Level 2 / 4th semester (30 points/15 weeks)
Pre-clinical stage: Organ System Blocks - Introduction to patient care

| Final exam hours | Total marks | Hours\Week | Points | Code | Departments | Block | # |
|------------------|-------------|--------------|--------|---------|---|--|---|
| 2.5 | 142.5 | 7 weeks | 9.5 | RRS-209 | All departments of Basic Sciences** | Respiratory and renal systems | 1 |
| 1.5 | 75 | 3 weeks | 5 | HEM-210 | All departments of Basic Sciences** | Hematology: Blood & lymph system | 2 |
| 2.5 | 142.5 | 7 weeks | 9.5 | HIC-211 | Public Health & Community Medicine | Health & illness in the community | 3 |
| 0.5 | 30 | 2 hours/week | 2 | IPC-235 | Medical Education Development & Training Center | <u>Introduction to Patient Care 3:</u> -Advanced Physical Examination 2. -Clinical Experiences 2. -Advanced Medical Interviewing. - Clinical Procedures - | 4 |
| 1 | 60 | 4 hours/week | 4 | ELE2 | | Elective 2 | 5 |

**Anatomy,Histology,Biochemistry,Physiology,Pathology,Pharmacology,Microbiology,Parasitology

Level 3 / 5th semester (30 points/16 weeks)

Pre-clinical stage: Organ System Blocks – Scholarly Investigation and Research

| Final exam | Total marks | Hours\Week | P0ints | Code | Departments | Block | |
|------------|-------------|---------------|--------|----------|---|---|---|
| 3 | 187.5 | 8 weeks | 12.5 | NEU-312 | All departments of basic sciences** | Neurosciences | 1 |
| 3 | 187.5 | 8 weeks | 12.5 | ERD-313 | All departments of basic sciences** | Endocrinology, Reproduction & Developmental Biology | 2 |
| 0.5 | 30 | 2hours/week | 2 | EBM-336 | Medical Education Development & Training Center | Evidence Based Medicine - Fundamentals | 3 |
| 0.5 | 22.5 | 1.5 hour/week | 1.5 | IDP- 337 | Medical Education Development & Training Center | Investigation and Discovery/Scholarly Project Epidemiology and data management | 4 |
| 0.5 | 22.5 | 1.5 hour/week | 1.5 | ELE3 | | Elective 3 | 5 |

**Anatomy,Histology,Biochemistry,Physiology,Pathology,Pharmacology,Microbiology,Parasitology

Level 3 / 6th semester (33 points/18 weeks)

Clinical stage: Clinical Rotations – Scholarly Investigation & Research

| Final exam hours | Total mrks | Hours\Week | Points | Code | Departments | Block | # |
|------------------|------------|--------------|--------|----------|---|---|---|
| 2.5 | 200 | 6 weeks | 10 | MED-314 | Internal Medicine | Medicine 1: Introduction to general medicine, hematology, endocrinology, nephrology. | 1 |
| 3.5 | 260 | 8 weeks | 13 | SUR-315 | General Surgery Oncology | Surgery I: -Wound Healing, bleeding, shock, blood transfusion, hemostasis, surgical infections, postoperative complications, abdominal trauma emergencies, surgical anuria, surgical nutrition (enteral and parenteral), Surgery of head and neck, lymphatic system (3 weeks). -Thyroid and Para thyroid, supra renal gland, abdominal walls and hernias, Breast (4weeks). -Oncology-principles (one week). | 2 |
| 1.5 | 120 | 4 weeks | 6 | FMT-316 | Forensic Medicine & Clinical Toxicology | Forensic medicine and toxicology | 3 |
| 0.5 | 40 | 2 hours/week | 2 | IDP- 338 | Medical Education Development & Training Center | Investigation and Discovery/Scholarly Project Epidemiology and data management | 4 |
| 0.5 | 40 | 2 hours/week | 2 | ELE4 | | Elective 4 | 5 |

Level 4 (65 points / 35 weeks)

Clinical stage: Clinical Rotations

| Final exam hours | Total mrks | Hours\Week | Points | Code | Departments | Block | # |
|------------------|------------|--------------|----------------------|---------|---|--|---|
| 4 2 papers | 300 | 8 weeks | 15 (3.5 tropical) | MTR-417 | Internal Medicine Tropical Medicine and Gastrointestinal Tract | <u>Medicine II:</u> -Liver–biliary system (2 weeks). -Nutrition, GIT, (2 weeks). -Rheumatology and clinical immunology (2 weeks) -Tropical medicine (2 weeks). | 1 |
| 5 2 papers | 360 | 10 weeks | 18 | OBG-418 | Gynecology & Obstetrics | Gynecology & obstetrics | 2 |
| 5 2 papers | 360 | 10 weeks | 18 | PED-419 | Pediatrics | Pediatrics | 3 |
| 1 | 80 | 3 weeks | 4 | PYS-420 | Neurology & Psychiatry | Psychiatry | 4 |
| 1 | 80 | 2 weeks | 4 | SUR-421 | Anesthesia & Intensive Care | Surgery II Anesthesia, pain management, intensive care, fluids and electrolytes and body response to trauma. | 5 |
| 1 | 60 | 2 hours/week | 3 | ELE5 | | Elective 5 | 6 |
| 1 | 60 | 2 weeks | 3 | FAM-422 | Pediatrics Internal Medicine Gynecology & Obstetrics General Surgery | Family medicine (at end of year) | 7 |

Level 5 (70 points/40 weeks)
Clinical stage: Clinical Rotations – Family Medicine

| Final exam hours | Total marks | Hours\Week | Points | Code | Departments | Block | # |
|------------------|-------------|------------|--------|-----------|---|---|---|
| 2 | 180 | 6 weeks | 9 | OPH-523 | Ophthalmology | Ophthalmology# | 1 |
| 2 | 150 | 4 weeks | 7.5 | ENT-524 | Ear, Nose & Throat | Ear, Nose & Throat | 2 |
| 2 | 130 | 4 weeks | 6.5 | MCI-525 | Clinical pathology Diagnostic Radiology | <u>Medicine 3:</u> Clinical investigations (laboratory and infection control: 2 weeks and radiology: 2 weeks). | 3 |
| 1.5 | 120 | 4 weeks | 6 | SSS-526 | Brain & Neurosurgery Plastic Surgery Cardiothoracic Surgery Vascular Surgery | <u>Surgery 4:</u> Cardiothoracic surgery, plastic surgery, Neurosurgery, Vascular surgery (one week each). | 4 |
| 1 | 110 | 4 weeks | 5.5 | ORT-527 | Orthopedics Surgery & Traumatology | <u>Surgery 4:</u> Orthopedics& trauma | 5 |
| 1 | 110 | 4 weeks | 5.5 | URO-528 | Urology | <u>Surgery 4:</u> Urology | 6 |
| 2 | 150 | 4 weeks | 7.5 | SUR-529 a | General Surgery | <u>Surgery 3 a:</u> GIT, Liver–biliary system, pancreas, abdomen and peritoneum | 7 |

Level 5 :(70 points/40 weeks)
Clinical stage: Clinical Rotations – Family Medicine

| Final exam hours | Total marks | Hours\Week | Points | Code | Departments | Block | # |
|------------------|-------------|---|--------|-----------|---|---|----|
| 2 | 130 | 4 weeks | 6.5 | MND-530 | Neurology & Psychiatry Dermatology & Venereology | <u>Medicine 4:</u> Neurology & Dermatology | 8 |
| 2 | 130 | 4 weeks | 6.5 | MCC-531 | Cardiology Chest diseases | <u>Medicine 4:</u> Cardiology & Chest | 9 |
| 0.5 | 50 | 2 hours/week for 15 weeks ¹ | 2.5 | ELE6 | | Elective 6 | 10 |
| 1 | 80 | 2 weeks | 4 | SUR-529 b | General Surgery | <u>Surgery 3b:</u> # acute emergencies | 11 |
| 1 | 60 | 2 hours/week For 36 weeks | 3 | FAM-539 | Pediatrics Internal Medicine Obstetrics & Gynecology General Surgery | Family medicine (2 hours/week for 36 weeks) | 12 |