

ORTHOPAEDIC SURGERY (ORSU)

ORSU G710 - Adult and Geriatric General Orthopedics (2 Credits)

This course is designed to give a broad experience regarding adult and geriatric musculoskeletal problems of upper and lower extremities. The student's education includes multiple aspects of patient care: initial diagnosis in the E.D. or clinic; development and execution of treatment plans; ongoing assessment of treatment and follow-up care. The student will work with the team of orthopedic attending physicians and resident physicians. All student activities will be supervised and appropriately directed.

ORSU G715 - Orthopedic Surgery Sports Medicine (2 Credits)

This course is designed to give a focused experience in the fields of orthopedic sports medicine and trauma. Attention will be given to adult and pediatric pathology within these subspecialties of orthopedic care. This includes acute and chronic athletic injuries, fractures, post-fracture deformity and dysfunction. The student's education includes all aspects of patient care: initial diagnosis in the E.D. or clinic; development and execution of treatment plans; ongoing assessment of treatment and follow-up care. The student will work with the team of orthopedic attendings and resident physicians. There are daily rounds and didactic education. All student activities will be supervised and appropriately directed.

ORSU G720 - Pediatric Orthopedics (2 Credits)

This course is an outstanding introduction to caring for musculoskeletal pathology in children. It will encompass congenital, acquired, and traumatic conditions. The student will work in conjunction with Pediatric orthopedic specialists and orthopedic resident physicians. All student activities will be supervised and appropriately directed. Daily activities will include didactic sessions, outpatient care, inpatient care, and surgical procedures.

ORSU G725 - Orthopedic Surgery - Trauma (2 Credits)

This course is designed to give a focused experience in the fields of orthopedic sports medicine and trauma. Attention will be given to adult and pediatric pathology within these subspecialties of orthopedic care. This includes acute and chronic athletic injuries, fractures, post-fracture deformity and dysfunction. The student's education includes all aspects of patient care: initial diagnosis in the E.D. or clinic; development and execution of treatment plans; ongoing assessment of treatment and follow-up care. The student will work with the team of orthopedic attending and resident physicians. There are daily rounds and didactic education. All student activities will be supervised and appropriately directed.

ORSU G810 - General Orthopedic Surgery (4 Credits)

This course is designed to provide the student with a broad exposure to orthopedic surgery. Facilities utilized during the course will include the main campus of Greenville Memorial Hospital and the Shriners Hospital for Children, Greenville Hospital. Attention will be given to basic adult and pediatric orthopedic pathology, including general affections of the musculoskeletal system, arthritis, deformity management, trauma, sports medicine, neoplasms, general spine problems, infection, and metabolic disease. The student will be assigned to a team consisting of orthopedic residents and faculty members. Completion of medical history and physician examination on assigned patients as well as formulation of a treatment plan will be the responsibility of the student. Participation in the preoperative evaluation, surgical treatment, and postoperative management will be expected. In addition to daily rounds, the student will participate in regularly scheduled orthopedic conferences and clinics. At the conclusion of the course, the student will prepare a 10-20 minute presentation relating to a specific orthopaedic condition or process. This will be presented at a regularly scheduled morning conference. Evaluation will be performed at the end of the rotation by the attending faculty. Call schedules will be arranged so that the student will be on in-house call approximately every fourth night and one weekend during the month of the rotation.

ORSU G815 - Night Float Orthopedic Trauma and Acute Care (2 Credits)

The student will be assigned to a team consisting of orthopaedic residents and faculty members. Completion of medical history and physician examination on assigned patients as well as assisting in the formulation of a treatment plan will be among the responsibilities of the student. Participation in the preoperative evaluation, surgical treatment, and postoperative management will be expected. The two week rotation will be organized to ensure access to a focused experience in orthopedic trauma and the acute care of orthopedic patients that present to the Emergency Department and Trauma Bay. Therefore, the spectrum of pathology will include a broad spectrum of injuries, infections, and lacerations. Students can expect extensive experience in hands on techniques of laceration repair, application of casts and splints, and interpretation of radiographs. The student will be working in the 710-bed Greenville Memorial Hospital, an acute care hospital, and serves as the major tertiary referral center for the Upstate of South Carolina as well as Western North Carolina and Northeastern Georgia. The hospital also serves as the major Level I Trauma Center for this region. The course director will perform the student's evaluation at the end of the rotation. The rotation will be organized as a night shift, working closely with the orthopedic resident in the Emergency Department. All Accreditation Commission Graduate Medical Education (ACGME), duty hour requirements will be adhered to for the students on the rotation just as they are for the residents.

ORSU G820 - Advanced Orthopedic Surgery (4 Credits)

After their introductory, initial course ORSU-G810, the M4 student will transition to this advanced course in the orthopedic fields of trauma, tumor, sports, and arthroplasty. This second rotation will offer them the training ground to really accelerate and enhance their knowledge and skill across the specialty of orthopedic surgery.

ORSU G899 - Orthopedic Surgery Away Rotation (2-4 Credits)

The student will complete an intensive study of Orthopedic Surgery at another hospital or practice. This course must be approved through the VSAS application service or office of the M3/M4 Director.