

Course Code:	ORSU-G810
Name of Rotation/Elective:	General Orthopedic Surgery
Duration:	4 weeks (4 credit hours)
Possible Rotation Dates:	<p>August 4 – 29, 2025 September 1 – 26, 2025 September 29 – October 24, 2025 October 27 – November 21, 2025 November 24 – December 19, 2025</p> <p>NOTE: Visiting student rotation dates <u>MUST</u> match the dates listed above; No off-cycle rotations</p>
Applicant Requirements:	<ul style="list-style-type: none"> • Personal Statement (max 1 page; Must articulate your interest in orthopaedics) • Letter of Interest (max 300 words; Must articulate your interest in Prisma Health Upstate) • Letter of Recommendation from faculty member or attending-level physician • Current Curriculum Vitae (CV) or Resumé • Transcript • Proof of passing Step 1
Course Location:	Prisma Health Upstate – Greenville, South Carolina
Residency Website:	https://academics.prismahealth.org/graduate-medical-education/residencies/orthopedic-surgery-greenville
Typical Schedule:	~ 6:00 AM – 6:00 PM Monday – Friday, depending on department hours. Students will also work one weekend.
Course Objectives:	<ol style="list-style-type: none"> 1. Perform a focused musculoskeletal history and physical exam. 2. Apply a simple cast or splint to an injured extremity. 3. Properly perform knee and shoulder joint injection/aspiration. 4. Understand sterile technique. 5. Diagnose and describe basic fractures by radiograph analysis. 6. Recognize signs and symptoms of pulmonary embolus, fat embolus syndrome, compartment syndrome, and infection.
Course Description:	<p>This course is designed to provide the fourth-year visiting medical student with a broad exposure to orthopaedic surgery. Attention will be given to basic adult and pediatric orthopaedic pathology, including trauma, arthritis, deformity, sports medicine, tumors, spinal disease, metabolic disease, and infection. The four-week rotation will be organized to ensure access to focused experiences in orthopaedic trauma, pediatric orthopaedics, hand surgery, and total joint arthroplasty.</p> <p>The student will be assigned to a team consisting of orthopaedic residents and faculty members. Responsibilities will include completion of a medical history and performance of a physical examination on assigned patients as well as assisting in their diagnosis and treatment plan. 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 orthopaedic conferences and clinics.</p> <p>Students are expected to demonstrate satisfactory performance in the following areas:</p> <p>Patient Care</p> <ul style="list-style-type: none"> • Develop basic skills in the diagnosis, evaluation, and management of orthopaedic patients. • Learn the indications and complications of common orthopaedic procedures. <p>Medical Knowledge</p> <ul style="list-style-type: none"> • Perform a focused musculoskeletal history and physical exam. • Recognize signs and symptoms of basic orthopaedic diagnoses including fractures/dislocations, fat-embolism syndrome, compartment syndrome, infection, arthritis, congenital or developmental deformity, and spine-related neural compression. • Apply a simple cast or splint to an injured extremity.

- Properly perform knee and shoulder joint injection/aspiration
- Understand sterile techniques.
- Diagnose and describe basic fractures by radiographic analysis.

Interpersonal and Communication Skills

- Medical Students will examine patients in the hospital and office with residents and attendings and will learn to present their findings in a concise and organized manner aimed at a diagnosis and basic treatment plan.
- Students will learn to communicate effectively with patients, families, and other professionals.

Practice-Based Learning and Improvement

- Student will learn the basic methods for searching and reviewing current literature for their assigned patients, how to appraise scientific evidence, and how to improve patient care with constant self-evaluation and life-long learning.
- Students will pre-read and participate in morning trauma checkout, didactic conferences, and Journal Clubs that occur during the time they are assigned to the orthopaedic department.

Professionalism

- Students will always behave in an ethical and professional manner.
- Demonstrate respect, compassion, integrity, and empathy in patient care and professional interactions.

Systems-Based Practice

- Work cooperatively with residents and other medical staff to provide effective patient care.
- Learn how to appropriately triage patients based on the acuity and severity of diagnoses.