

MD - ORTHOPAEDIC SURGERY (ORTH)

ORTH 3500 Orthopaedic Acting Internship (4)

Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 4000 Orthopaedic Surgery (4)

This is a four-week elective designed for the student interested in Orthopedics or a similar surgical specialty. Each week, students will join a resident-faculty team at our affiliated hospitals. Students will participate in all inpatient and outpatient clinical activities within the different orthopedic specialties, including Trauma, Sports Medicine, Reconstruction, Pediatric Orthopedics, and/or Foot/Ankle. Attendance is expected at all orthopedic training functions, including grand rounds and fracture conference. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 4001 PM&R and Non-Operative Sports Medicine Research (4)

The goal of this elective is to provide fourth year medical students the opportunity to participate in and contribute to ongoing PM&R or non-operative sports medicine research projects. Students will write case studies, generate research abstracts and/or develop a poster presentation by way of the selected research project. Upon completion of the course students will have the foundation for learning effective methods necessary for research and a fundamental knowledge of clinical medicine and academic medicine. As a result of exceptionally completed coursework, students will have the opportunity to be listed as a co-author in the publication of one of the above mentioned writings. Students will choose their research focus (PM&R or non-operative sports medicine) upon enrollment. Upon selection of a research project, the student will be paired with a lead physician researcher. Students work toward the end goal of a published work – case study, abstract, poster presentation, or paper. The elective will provide the medical student with an opportunity to work through the research process with guided feedback. Not only will the students develop research skills, they will learn to effectively communicate research results by way of preparing case studies, generating abstracts/manuscripts and presenting results to others. The students will participate in one-on-one and small group discussion sessions. In addition, students will have to conduct self-directed work sessions to complete the various components of the research project and have the opportunity to present their research results.

Course Limit: 1

ORTH 4020 Orthopaedic Surgery (2)

This is a two-week elective designed for the student interested in Orthopedics or a similar surgical specialty. Students will participate in all inpatient and outpatient clinical activities within the different orthopedic specialties including Trauma, Sports Medicine, Reconstruction, Pediatric Orthopedics, and/or Foot/Ankle. Attendance is expected at all orthopedic training functions, including grand rounds and fracture conference. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 4021 Orthopaedic Trauma Surgery (2)

ORTH 4040 Orthopaedic Research (4)

This course is an independent research elective for students in their clinical years: students must identify a faculty PI and negotiate content and deliverables with the faculty. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 4041 Orthopaedic Pediatric (4)

This is a four-week elective designed for the student interested in pediatric orthopaedics. The student will join a resident-faculty team for four weeks at our affiliated hospitals. They will take call, attend grand rounds and conferences, and participate in all inpatient and outpatient clinical activities including surgical cases. Student evaluation is by faculty. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 4042 Physical Medicine and Rehab (4)

Students may be eligible to complete a PM&R elective at an away site. See eMedley information about approval for away rotations. Students should see ORTH4121 and ORTH4140 for a Tulane-based PM&R elective. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 4121 PM&R/Sports Medicine (2)

The Physical Medicine and Rehabilitation/Sports Medicine elective provides basic training in PM&R evaluations with a strong focus on sports medicine and neurological rehabilitation. The elective exposes the medical student to the broad field of PM&R including sports injuries, ultrasound, electromyography, complications of disability, and the restoration and maintenance of function. Time will be spent on the inpatient rehabilitation service, and in the Tulane Institute of Sports Medicine. The student will be exposed to therapies, medications and procedures typically used in PM&R practice. There will be opportunities for sideline game coverage if desired.

ORTH 4141 PM&R/Sports Medicine (4)

The Physical Medicine and Rehabilitation/Sports Medicine elective provides basic training in PM&R evaluations with a strong focus on sports medicine and neurological rehabilitation. The elective exposes the medical student to the broad field of PM&R including sports injuries, ultrasound, electromyography, complications of disability, and the restoration and maintenance of function. Time will be spent on the inpatient rehabilitation service, and in the Tulane Institute of Sports Medicine. The student will be exposed to therapies, medications and procedures typically used in PM&R practice. There will be opportunities for sideline game coverage if desired.

ORTH 4220 Physical Medicine & Rehab (2)**ORTH 4221 Mgmt. of Acute Sports Injuries (2)****ORTH 4240 Physical Medicine & Rehab (4)****ORTH 4241 Mgmt. of Acute Sports Injuries (4)****ORTH 4500 PM&R Acting Internship (4)**

Students may be eligible to complete a PM&R Subinternship at an away site. See eMedley information about approval for away rotations. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 5053 Orthopaedic Pathways (1)

The pre-clinical student is given an introduction to the basics of Orthopaedic Surgical Science including basic surgical skills, principles and opportunities for career development. The course is a preceptorship with role-model orthopaedic surgeons to provide personalized instruction, teaching, and mentoring through experience in the clinic office, conferences, rounds, operating room (if applicable), and professional association. This elective is split into four subspecialties. Subspecialties include Foot and Ankle Surgery, Total Joint Surgery, Sports Medicine, and Shoulder/Elbow. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 5056 Orthopaedic Spring Elective (1)

Participants will be given hands-on learning on how to reduce fractures and dislocations, make splints and casts, and incise, debride, and suture wounds. They will receive biweekly lectures on the following topics: musculoskeletal chief complaints and their workup, a primer to fractures and dislocations, being a team physician, and musculoskeletal imaging. Students may be given the opportunity to observe operative cases. Students will be required to participate in a scheduled Sim Center activity on Sterile Scrubbing Technique and Proper OR Procedure. Students will take a musculoskeletal competency test at the end of their elective in order to solidify their knowledge. This test will be compiled by the residents. No book will be required for purchase—all material tested will be included in information provided to students in electronic form. The students completing the elective will be given a certificate stating their participation in the musculoskeletal elective. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 5500 Clinical Preceptorship - Ortho (1)

Preceptorships are available to T1 & T2 students who are interested in the specialty. Students must identify a physician to shadow. Students must have their preceptorship approved in advance by the Senior Associate Dean of Admissions and Student Affairs. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 5501 Introduction To Orthopaedic Su (1)

This elective is designed to give students an introduction to orthopaedic surgery and the diagnosis and treatment of the musculoskeletal system. It is taught by senior faculty in the Department of Orthopaedic Surgery. The sessions will consist of problem-based case presentations via a Socratic interactive dialogue between faculty and students. Students will be exposed to various aspects of orthopaedic surgery including general orthopaedics, total joints, sports medicine, pediatrics, trauma, oncology, hand, spine and foot/ankle. There will be no written or oral examinations. Pass/fail grades will be based upon class attendance, class participation, and oral student presentations. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 5540 Orthopaedic Research (1)

5000-level research opportunities are available to T1 & T2 students who are interested in the specialty. Students must identify a faculty member with whom to conduct research. Students must have their research prospectus form approved in advance by the Senior Associate Dean of Admissions and Student Affairs. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 9000 Orthopaedic Visiting Student (4)

This rotation is available only to visiting MD students, from US schools of medicine, in the clinical phase of their training: Tulane SOM does not accept visiting students from international schools of medicine. Visiting MD students must apply through AAMC's VSAS system to be eligible to enroll; pre-clinical visiting MD students are not eligible. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99

ORTH 9020 Orthopaedic Visiting Student (2)

This rotation is available only to visiting MD students, from US schools of medicine, in the clinical phase of their training: Tulane SOM does not accept visiting students from international schools of medicine. Visiting MD students must apply through AAMC's VSAS system to be eligible to enroll; pre-clinical visiting MD students are not eligible. Course may be repeated up to unlimited credit hours.

Maximum Hours: 99