Orthopedic Surgery (ORTS)

Course information contained within the Bulletin is accurate at the time of publication in August 2023 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

ORTS M152. Intro Orthopaedic Surg. 0 Credit Hours.
Course Attributes: M5

Repeatability: This course may not be repeated for additional credits.

ORTS M261. Introduction to Sports Medicine. 0 Credit Hours.
The sports medicine elective will give the student an overview of the epidemiology, anatomy, pathophysiology, treatment and management of common sports related injuries. Additionally, this course will include Emergency Medicine based resuscitation lectures and active learning sessions. Students will have the opportunity to learn intubation skills, splinting and fracture reduction, Ultrasound, wrapping/taping of injuries, applying cervical spine precautions, and much more. This course is designed for first and second year medical students with an interest in the care of injured athletes. There are several pathways into Sports Medicine and this course will focus on the knowledge and skills that are learned in emergency medicine and utilized in sports medicine.

Repeatability: This course may be repeated for additional credit.

ORTS M296. Orthopaedics Summer Research Elective. 0 Credit Hours.
The purpose of this course is to fill a void in the current curriculum. It will provide the student the tools to perform a clinical research study or comprehensive literature review.

Repeatability: This course may be repeated for additional credit.

ORTS M300. Orthopedic Surgery Elective. 0 Credit Hours.
This course will enable students to develop a basic understanding of the fund of knowledge and types of medical problems seen in this specialty; to develop a basic understanding of the medical decision making process involved in the practice; and to develop an understanding of and practice of medical interpersonal communication and professionalism.

Repeatability: This course may be repeated for additional credit.

ORTS M342. Principles of Orthopedic Surgery. 0 Credit Hours.
This course will enable students to develop a basic understanding of the fund of knowledge and types of medical problems seen in this specialty; to develop a basic understanding of the medical decision making process involved in the practice; and to develop an understanding of and practice of medical interpersonal communication and professionalism.

Repeatability: This course may be repeated for additional credit.

ORTS M345. Career Exploration of Hand Surgery. 0 Credit Hours.
This elective will allow students to gain exposure to the specialty and the types of health conditions experienced by patients seen by providers in this specialty as healthcare team members.

Repeatability: This course may be repeated for additional credit.

ORTS M621. Global Orthopaedic Surgery. 0 Credit Hours.
The global burden of orthopaedic surgery is continuing to grow, with the majority of the need in the developing world. As an institution that has a history of providing medical care to the poor, exposing students to training in a developing world location is an important aspect of their professional development. This elective will be a 4-week elective, with 2 weeks at Temple University Hospital and 2 weeks at an international site. The current site is Kijabe, Kenya. During the time overseas, the student will be able to participate in the care of patients, including taking a history, performing a physical exam, performing low risk procedures, suggesting diagnostic studies, interpreting studies and developing treatment plans. This will be under the close supervision of Temple LKSOM Orthopaedic Surgery faculty.

Repeatability: This course may be repeated for additional credit.

ORTS M639. Sports Medicine. 0 Credit Hours.
Students will gain experience in the field of sports medicine including exposure to the disciplines of primary care sports medicine, orthopedic sports medicine, sports physical therapy, and athletic training. There will be opportunity for participation in the treatment of sports injuries and illnesses in the following venues: Outpatient Sports Medicine Clinics with both Orthopedic Sports Medicine and Primary Care Sports Medicine Physicians; Outpatient Orthopedic Sports Medicine Surgical Procedures; Sports Physical Therapy Rehabilitation; Sports Medicine Didactic Sessions which include: Sports Medicine Journal Club, Orthopedic Grand Rounds, small group lectures given by Sports Medicine faculty; Independent review of the course materials which include: textbooks, articles, and web-based resources.

Class Restrictions: Must be enrolled in one of the following Classes: Third Year Medical, Fourth Year Medical.
Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Medicine.
College Restrictions: Must be enrolled in one of the following Colleges: Medicine, Lewis Katz School.

Repeatability: This course may not be repeated for additional credits.

ORTS M640. Orthopedic Surgery. 0 Credit Hours.
Course Attributes: M2

ORTS M645. Hand Surgery. 0 Credit Hours.
Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

ORTS M825. Orthopaedic Trauma - Sub-internship. 0 Credit Hours.
The student will have the opportunity to function as an integral part of the Orthopaedic trauma team on a sub-internship level and will rotate with Drs. William De Long, Patrick Brogle, and Chinenye Nwachuku (fellowship-trained Orthopaedic trauma surgeons) at the Bethlehem hospital campus of St. Luke's University Hospital. The student will participate actively in the care of patients seen in the Operating Room, Emergency Room and Trauma Bay, and on the floors. He/she will gain exposure to the emergent care of patients, fracture reduction techniques, application of casts and splits, and participating in the daily work effort. The student will also be exposed to cold trauma such as nonunions, malunions, and osteomyelitis. The opportunity to get involved in Orthopaedic trauma research projects also exists. The student will take Trauma call with the Orthopaedic residents.

Repeatability: This course may not be repeated for additional credits.