

CLINICAL ELECTIVES

Elective	Course #	Department	Description
Anesthesiology	ANES 891	Anesthesiology	Student to work with resident and attending physicians in anesthesiology, participating in anesthesia for general surgical procedures as well as specialty procedures. Duration: 4 weeks year-round LLUMC, East Campus
Dermatology	DERM 891	Dermatology	To familiarize students and give student basic skills needed for the proper approach to clinically examining, diagnosing and treating skin diseases. Duration: 4 weeks year-round
Emergency Medicine	EMDN 891	Emergency Medicine	Students will learn basic resuscitation skills, familiarize student with airway management, introduction to managing multiple patients simultaneously, introduction to emergency in surgery, medicine, pediatrics and Ob/Gyn. Duration: 4 weeks year-round
Integrative and Functional Medicine	PRVM 891	Preventive Medicine	Students will develop skills and gain practical experience in blending allopathic treatment plan with various Integrative and Functional approaches into a comprehensive therapeutic plan. Students will become familiar with evidence-based approaches specific to each of these medical systems. Duration: 4 weeks year-round clinical
Internal Medicine – Nephrology	MEDN 891	Medicine	To introduce students to nephrology. The major teaching being done in the clinics, with consults on the wards. Self-study will be greatly encouraged. Duration 4 weeks year-round LLUMC
Internal Medicine – Pediatrics (Med-Peds)	MEDN 891	Medicine/Pediatrics	Students will receive exposure to what a general med-peds physician's practice entails. This includes inpatient and outpatient settings. Duration: 4 weeks year-round
Ophthalmology	OPHM 891	Ophthalmology	To learn about specific eye diseases by working with comprehensive ophthalmologists trained in certain fellowships such as glaucoma, retinal diseases, pediatric ophthalmology, neuro, oculoplastics, cornea, and laser surgery. Duration: 4 weeks clinical year round FMO, LLVA , Duration: 4 weeks year-round
Orthopaedic Surgery	ORTH 891	Orthopaedic Surgery	The student will primarily learn about musculoskeletal physical examination of the orthopaedic patient, and subsequent diagnosis and treatment skills and options. Duration: 4 weeks year-round
Anatomic Pathology	PATH 891	Pathology and Human Anatomy	Students will have exposure to the field of practical anatomic pathology, with emphases on (1) proper handling, gross description and microscopic diagnosis of tissues removed at surgery; (2) process of intra-operative consultation (i.e. "rapid frozen section") including its indications and limitations; and (3) process of hospital-based autopsy. Duration: 4 weeks year-round
Pediatrics – Adolescent Medicine	PEDS 891	Pediatrics	Inpatient/outpatient exposure to adolescent patients, including family planning clinic. Broaden knowledge of pediatrics in the realm of adolescent medicine. This rotation allows students to function as sub-interns. Preference to students going into Pediatrics. Duration: 4 weeks year-round
Pediatrics – Allergy / Immunology / Pulmonology	PEDS 891	Pediatrics	Students become familiar with evaluation and management of children with allergic rhinitis, bronchial asthma, atopic dermatitis, food, drug and

			insect allergies. Exposure to children with cystic fibrosis and common pediatric immune deficiency. Duration: 4 weeks year-round
Pediatrics – Cardiology	PEDS 891	Pediatrics	Basic understanding of fetal circulation and newborn circulatory adjustments. Anatomy, physiology and medical-surgical treatment of most common congenital heart diseases. Duration: 4 weeks year-round
Pediatrics – Forensic	PEDS 891	Pediatrics	Propel student to the understanding and conviction that children are extremely vulnerable. Exposure to the reality of sexual abuse in children. Beginning recognition of possible child abuse. How to report child abuse and physician’s legal responsibilities. Preference to students going into Pediatrics. Duration: 4 weeks year-round
Pediatrics – General Pediatrics – Outpatient	PEDS 891	Pediatrics	Direct exposure to general pediatrician’s outpatient practice. Allow student to become more proficient in seeing pediatric patients in the outpatient setting. Very limited dates-Limited only to students going into Pediatrics. Duration: 4 weeks year-round (limited dates)
Pediatrics – Gastroenterology	PEDS 891	Pediatrics	Inpatient and outpatient exposure to major issues and disease in pediatric GI. Exposure to effect of GI disease on normal growth and development. Duration: 4 weeks year-round
Pediatrics – Genetics	PEDS 891	Pediatrics	Students to have exposure to the medical specialty of clinical genetics. While this is predominantly pediatric specialty currently at LLU, students will also have the opportunity and exposure to the adult services seen by genetics. The student will be able to be immersed in the consult service and come to clinics. Thus, gaining the understanding around the diagnostic odyssey that many of our patients have experienced. Enabling the student to understand the testing algorithm and interpretation. Duration: 4 weeks September - April
Pediatrics – Infectious Disease	PEDS 891	Pediatrics	Student functions as sub-intern. Inpatient and outpatient exposure to pediatric ID, including pediatric AIDs patients. Broaden knowledge of pediatrics in the realm of Infectious Disease. Duration: 4 weeks year-round
Pediatrics – Nephrology	PEDS 891	Pediatrics	Students will be exposed to the most common pediatric nephrologic problems. Exposure to fluid management in renal failure patients. Exposure to types of renal dialysis in the pediatric patient, from premature neonate to adolescent. Exposure to pediatric renal transplant patients. Duration: 4 weeks year-round
Pediatrics – Neurology Outpatient	PEDS 891	Pediatrics	Students will become familiar with common pediatric neurologic problems. Duration: 4 weeks year-round
Pediatrics – Neurology Inpatient	PEDS 891	Pediatrics	Exposure and familiarity with common pediatric neurologic problems. Student to function as sub-intern. Duration: 4 weeks year-round
Pediatrics – Hem/Onc Inpatient w/Call	PEDS 891	Pediatrics	Student will function as sub-intern on inpatient service. Exposure to common pediatric hematologic and oncology problems such as ALL; neuroblastoma, Wilms, Sickle Cell Disease, Hemophilia, etc. Mandatory overnight call. Duration: 4 weeks year-round
Pediatrics –NICU w/Call	PEDS 891	Pediatrics	Students will get an understanding of common diseases of the newborn (pre-term, term, post-term). Active participation in care and management of sick

			newborns. Understanding of the biopsychosocial aspects of the newborn and family, including bonding and grieving. Mandatory overnight call. Duration: 4 weeks year-round
Pediatrics – Newborn Nursery	PEDS 891	Pediatrics	Exposure to newborns in the first few hours of life, both post routine and C-section deliveries. Broaden knowledge of pediatric newborn medicine and newborn complications. Allow student to function as sub-intern. Duration: 4 weeks year-round
Pediatrics – Rheumatology	PEDS 891	Pediatrics	Provide inpatient and outpatient exposure to pediatric rheumatology conditions such as juvenile rheumatoid arthritis and systemic lupus erythematosus. Allow student to function as sub-intern. Duration: 4 weeks year-round
Physical Medicine and Rehabilitation	PMRH 891	Physical Medicine and Rehabilitation	Students are familiarized with the spectrum of rehabilitative patient problems and learn how to formulate a treatment program for them. Students learn the role of rehabilitation medicine and experience the variety of inpatient, outpatient, consulting and laboratory services. Duration: 4 weeks year-round
Preventive Medicine	PRVM 891	Preventive Medicine	Students will get to explore clinical lifestyle medicine, public health, smoking cessation, weight management, nutrition, student health, occupational medicine, and more. Duration: 4 weeks August - May
Nutrition	PRVM 891	Preventive Medicine	Elective will orient students to hospital, clinic, public health and community-based nutrition education opportunities available for patients. Student's knowledge will be enriched through online nutrition modules for physicians and student will complete a white paper and personal lifestyle improvement project. Duration: 4 weeks year-round
Preventive Medicine / Occupational Medicine	PRVM 891	Preventive Medicine	Students will gain exposure to industry injury care, pre-placement physicals, health of a company's workers. Students will also work with industry to improve safety in the work-place. Duration: 4 weeks year-round
Radiology – Angiography-Interventional	RADS 891	Radiology	This 4-week elective is specially designed for 4 th year students interested in interventional radiology, particularly for students entering specialties such as general surgery, nephrology or vascular surgery. The medical student will be introduced to both the reading and procedure rooms of interventional radiology. Duration: 4 weeks year-round
Radiology – Musculoskeletal	RADS 891	Radiology	This 4-week elective is specially designed for 4 th year students interested in musculoskeletal radiology, particularly for students entering specialties such as orthopaedics, sports medicine and physical medicine rehabilitation. The medical student will be introduced to both the reading and procedure rooms of musculoskeletal radiology. Duration: 4 weeks year-round
Radiology – Neuroradiology	RADS 891	Radiology	This 4-week elective is specially designed for 4 th year students interested in neuroradiology, particularly for students entering specialties such as neurology, neurosurgery or psychiatry. The medical student will be introduced to both the reading and procedure rooms of neuroradiology. Duration: 4 weeks year-round

General Radiology	RADS 891	Radiology	This 4-week elective is specially designed for 4 th year students interested in a general overview of radiology regardless of future residency choice. The medical student will be introduced to both the reading and procedure rooms expanding multiple radiology subspecialties including thoracic imaging, abdominal imaging, neuroradiology, musculoskeletal radiology, pediatric radiology and ultrasound. Duration: 4 weeks year-round
Radiology – Pediatrics	RADS 891	Radiology	This 4-week elective is specially designed for 4 th year students interested in fetal/pediatric radiology, particularly students entering specialties such as obstetrics-gynecology, pediatrics or family medicine. The medical student will be introduced to both the reading and procedure rooms of ob-gyn ultrasound and pediatric radiology. Duration: 4 weeks year-round
Psychiatry	PSYT 891	Psychiatry	Student will work with patients admitted on an inpatient psychiatric unit. Opportunity to work with Attending MDs invested in lecturing medical students. Students will take call. Students will have option to work with Adults, Adolescents, Child and or Elderly. Duration: 4 weeks
Radiation Medicine	RDMN 891	Radiation Medicine	Duration: 4 weeks year-round
Surgery – Cardiothoracic	SURG 891	Surgery	Provide the senior medical student with broad exposure to a variety of congenital and acquired cardiothoracic disorders. The student will become familiar with the preoperative evaluation and assessment of patients with common cardiothoracic disease and participate in their preoperative care. Duration: 4weeks year-round
Surgery – ENT	OTOL 891	Surgery	This elective offers an overview of clinical otolaryngology and the basic evaluation and treatment of common head and neck. Students participate in the care of patients and actively participate in the OR. Duration: 4 weeks year-round
Surgery – General (LLUMC)	SURG 891	Surgery	This elective will expose students to a broad overview of common adult general surgery problems with special emphasis on complex abdominal wall, enterocutaneous fistula, advanced minimally invasive and general surgical procedures. Duration: 4 weeks year-round
Surgery – Neurosurgery	NEUS 891	Surgery	This elective will acquaint students with the daily practice of neurological surgery and/or related research. To refine the student’s capability in examining the neurosurgically ill patient and in understanding a basic level of surgical management of commonly encountered neurological problems. Duration: 4 weeks January-November
Surgery – Pediatric	SURG 891	Surgery	This elective will acquaint the student with the daily practice of pediatric surgery. To improve the student’s ability to perform a history & physical examination on pediatric patients, including neonates and refine the student’s understanding of the embryology, physiology and pathology of very common pediatric surgical conditions. Duration: 4 weeks year-round
Surgery – Plastic and Reconstructive	SURG 891	Surgery	This elective will introduce the student to diversity of plastic and reconstructive surgery practice including craniomaxillofacial surgery, surgery of the hand and complex wound management. To introduce

			the senior student to the reconstructive “mind-set” and approach to patients. Duration: 4 weeks year-round
Surgery – Surgical Oncology	SURG 891	Surgery	This elective will provide students with a broad overview of common adult surgical oncology problems with special emphases on hepatobiliary, colorectal, pelvic, pancreatic, melanoma and soft tissue sarcoma surgical procedures. Duration: 4 weeks year-round
Surgery – Thoracic	SURG 891	Surgery	This elective will provide an introduction / overview of non-cardiac thoracic surgery with emphasis on surgical management of lung cancer, esophageal cancer and benign esophageal disease. Duration: 4 weeks year-round
Surgery – Urology	UROL 891	Surgery	This rotation is designed for the elective student to fill the role of an intern on service. The general goal is an overview of general urologic practice and some specialties within urology including pediatric urology, urologic oncology and infertility. Duration: 4 weeks year-round
Surgery – Vascular	SURG 891	Surgery	This elective provides students an overview of clinical vascular surgery and the basic pathophysiology of cerebrovascular disease, peripheral vascular disease, management of aneurysms and common extremity problems. Duration: 4 weeks year-round

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