

CLINICAL (CLIN)

CLIN 7001. Allergy and Immunology. 1-4 Hours.

Students train with specialty physicians who care for patients with abnormalities of the immune system. The experience may include outpatient clinic and inpatient admissions and/or consultations. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common allergic and immunologic conditions. Credit: 1-4.

CLIN 7002. Anesthesiology. 1-4 Hours.

Students train with anesthesiologists who care for patients requiring anesthesia and possible pain relief. The experience may include an outpatient surgical suite rotation and inpatient admissions and/or consultations. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common anesthesiology scenarios. Credit: 1-4 hours.

CLIN 7003. Advanced Anesthesiology. 1-4 Hours.

Students train with anesthesiologists who care for patients requiring anesthesia and pain relief. The experience may include an outpatient surgical suite rotation and inpatient admissions and/or consultations. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common anesthesiology scenarios. Advanced anesthesia opportunities may include critical care anesthesiology, pain management, pediatric anesthesiology, obstetric and/or gynecologic anesthesiology, or other scenarios. Credit: 1-4 hours.

CLIN 7004. Dermatology. 1-4 Hours.

Students train with dermatologists who care for patients with skin conditions. The experience may include an outpatient surgical suite rotation and inpatient admissions and/or consultations. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common dermatologic scenarios. Credits: 1-4.

CLIN 7005. Emergency Medicine. 1-4 Hours.

Students train with physicians who care for patients with emergent medical conditions. The experience will include rotation through an emergency department or urgent care center. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common, emergent scenarios. Credit: 1-4 hours.

CLIN 7006. Family Medicine Outpatient Clinic. 1-4 Hours.

Students train with family physicians who care for patients with common medical problems. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common outpatient clinic scenarios. Credit: 1-4 hours.

CLIN 7007. Family Medicine - Hospital Medicine. 1-4 Hours.

Students train with family physicians who care for hospitalized patients with serious illness. The experience may include inpatient admissions and/or consultations and some intensive care. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of serious illness. Credit: 1-4 hours.

CLIN 7008. Geriatrics. 1-4 Hours.

Students train with internal medicine- or family medicine-trained geriatricians who care for geriatric patients with complex medical problems. The experience may include outpatient clinic and inpatient or emergency department consultations. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of complex outpatient scenarios in the older adult. Credit: 1-4 hours.

CLIN 7009. Internal Medicine - Outpatient Clinic. 1-4 Hours.

Students train with internal medicine physicians who care for patients with complex medical problems. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of complex outpatient clinic scenarios. Credit: 1-4 hours.

CLIN 7010. Elective Clerkship. 1-4 Hours.

This course is a clinical clerkship providing the student with the opportunity to gain experience in any specialty with approval. Students are required to do one 4-weeks block in their third year and seven 4-week blocks in their fourth year. The clinical clerkships is accomplished at the assigned facility in the third year and an affiliated facility in fourth year. The student is expected to learn the diagnosis and treatment of patients appropriate for the selected specialty, including interprofessional team based care, outpatient care, hospital care, surgical care, post hospital care and office care, as appropriate for the specialty. Credits: (1-4). Course Equivalents: CLIN 7410

Prerequisite: Successful completion of all coursework in years 1 & 2, passing grade on COMLEX Step 1.

CLIN 7011. Internal Medicine - Hospital Medicine. 1-4 Hours.

Students train with internal medicine physicians, or internal medicine subspecialists, who care for hospitalized patients with serious illness. The experience may include inpatient admissions and/or consultations and some intensive care. Students engage with patients in the collection of data, to perform a physical examination, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of serious illness. Credit: 1-4 hours.

CLIN 7012. Internal Medicine - Cardiology. 1-4 Hours.

Students train with cardiologists who care for patients with cardiovascular conditions. The experience may include an outpatient surgical suite rotation and inpatient admissions and/or consultations. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common cardiovascular scenarios. Credit: 1-4 hours.

CLIN 7013. Internal Medicine - Cardiac Care Unit. 1-4 Hours.

Students train with cardiologists who care for patients with cardiovascular conditions in the intensive care setting. The experience may include inpatient admissions and/or consultations. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of the most severe cardiovascular scenarios. Credit: 1-4 hours.

Prerequisite: CLIN 7801.

CLIN 7014. Internal Medicine - Critical Care Medicine. 1-4 Hours.

Students train with internal medicine hospitalists and/or critical care physicians who care for medical patients with the most serious disease processes in the intensive care setting. The experience may include hospital and emergency department consultations. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation (ECMO), arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, and other highly-skilled interventions. Credit: 1-4 hours.

Prerequisite: CLIN 7801.

CLIN 7015. Internal Medicine - Endocrinology. 1-4 Hours.

Students train with endocrinologists who care for patients with hormone disorders. The experience may include outpatient clinic, inpatient admissions, and/or subspecialty consultations. Students engage with patients in the collection of data, to perform a physical examination, to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common hormonal disorders. Credit: 1-4 hours.

CLIN 7016. Internal Medicine - Gastroenterology. 1-4 Hours.

Students train with gastroenterologists who care for patients with gastrointestinal disorders. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, to perform a physical examination, to attend surgical procedures when requested, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common gastrointestinal disorders. Credit: 1-4 hours.

CLIN 7017. Internal Medicine - Hematology - Oncology. 1-4 Hours.

Students train with hematologists and/or oncologists who care for patients with hematologic and/or oncologic disorders. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, to perform a physical examination, to attend surgical procedures when requested, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of common hematologic and oncologic disorders. Credit: 1-4 hours.

CLIN 7018. Internal Medicine - Infectious Diseases. 1-4 Hours.

Students train with infectious diseases subspecialists who care for patients with serious infections. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and hospital microbiology/mycology laboratory exposures. Students engage with patients in the collection of data, to perform a physical examination, to experience the microbiology and mycology laboratories when requested, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of serious infectious diseases. Credit: 1-4 hours.

CLIN 7019. Internal Medicine - Nephrology. 1-4 Hours.

Students train with nephrologists who care for patients with acute and chronic kidney diseases. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, to perform a physical examination, to attend surgical procedures when requested, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of renal disorders. Credit: 1-4 hours.

CLIN 7020. Internal Medicine – Pulmonary or Sleep Medicine. 1-4 Hours.

Students train with pulmonologists who care for patients with acute and chronic lung diseases and/or sleep disorders. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, sleep laboratory admissions, and outpatient surgical interventions. Students engage with patients in the collection of data, to perform a physical examination, to attend surgical procedures when requested, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of lung and sleep disorders. Credit: 1-4 hours.

CLIN 7021. Internal Medicine – Rheumatology. 1-4 Hours.

Students train with rheumatologists who care for patients with multisystem disease and autoimmune, inflammatory, and degenerative disorders of the skeleton. The experience may include outpatient clinic, inpatient admissions, and subspecialty consultations. Students engage with patients in the collection of data, to perform a physical examination, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of rheumatologic disorders. Credit: 1-4 hours.

CLIN 7022. Internal Medicine – Transplant. 1-4 Hours.

Students train with transplant specialists (e.g., cardiologists, nephrologists, pulmonologists, hematologists) who provide medical care for patients pre- and post-transplant of solid organs or bone marrow. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, to perform a physical examination, to attend surgical procedures when requested, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of transplant disorders. Credit: 1-4 hours.

CLIN 7023. Med-Peds – Outpatient Clinic. 1-4 Hours.

Students train with Med-Peds physicians who care for adult and pediatric outpatients with complex medical problems. Students engage with patients in the collection of data, to perform a physical examination, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of complex outpatient clinic scenarios. Credit: 1-4 hours.

CLIN 7024. Neurology. 1-4 Hours.

Students train with neurologists who care for patients with neurologic disorders. The experience may include outpatient clinic, inpatient admissions, and/or specialty consultations. Students engage with patients in the collection of data, to perform a physical examination, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of neurologic disorders. Credit: 1-4 hours.

CLIN 7025. Advanced Neurology. 1-4 Hours.

Students train with neurologists who care for patients with neurologic disorders. Preceptors may be further specialized in brain injury medicine, clinical neurophysiology, epilepsy, neurodevelopmental disabilities, and/or vascular neurology. The experience may include outpatient clinic, inpatient admissions, and/or specialty consultations. Students engage with patients in the collection of data, to perform a physical examination, and to work with their Attending physician to reason through differential diagnoses and generate a plan for management of neurologic disorders. Credit: 1-4 hours.

CLIN 7026. Obstetrics and Gynecology. 1-4 Hours.

Students train with obstetricians and gynecologists who provide medical and surgical care for patients who are pregnant or have gynecologic disorders. The experience may include outpatient clinic, inpatient admissions, consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, perform a physical examinations, attend operative interventions, and work with their attending physician to reason through differential diagnoses and generate plans for management of gynecologic disorders and pregnancy. Credit: 1-4 hours.

CLIN 7027. Advanced Obstetrics and Gynecology. 1-4 Hours.

Students train with obstetricians and gynecologists who provide medical and surgical care for patients who are pregnant or have gynecologic disorders. Students may rotate with subspecialists in gynecologic oncology, maternal-fetal medicine, reproductive endocrinology and fertility, and urogynecologic and reconstructive pelvic surgery. The experience may include outpatient clinic, inpatient admissions, consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, perform physical examinations, attend operative interventions, and work with their attending physician to reason through differential diagnoses and generate plans for management of gynecologic disorders and pregnancy. Credit: 1-4 hours.

CLIN 7028. Ophthalmology. 1-4 Hours.

Students train with ophthalmologists who provide medical and surgical care for patients with ocular disorders. The experience may include outpatient clinic, inpatient admissions, consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, to perform a physical examinations, attend surgical procedures when requested, and work with their attending physician to reason through differential diagnoses and generate plans for management of ocular disorders. Credit: 1-4 hours.

CLIN 7029. Advanced Ophthalmology. 1-4 Hours.

Students train with ophthalmologists who provide medical and surgical care for patients with ocular disorders. The experience may include outpatient clinic, inpatient admissions, consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, perform physical examinations, attend surgical procedures when requested, and work with their attending physician to reason through differential diagnoses and generate plans for management of ocular disorders. Credit: 1-4 hours.

CLIN 7030. Orthopedic Surgery. 1-4 Hours.

Students train with orthopedic surgeons who provide surgical care for patients with structural bone disorders. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students engage with patients in the collection of data, perform physical examinations, attend operative interventions, and work with their attending physician to reason through differential diagnoses and generate plans for management of orthopedic disorders. Credit: 1-4 hours.

CLIN 7031. Otolaryngology (Ear, Nose, and Throat, ENT). 1-4 Hours.

Students train with ENT surgeons who provide surgical care for patients with head and neck disorders. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students engage with patients in the collection of data, perform physical examinations, attend operative interventions, and work with their attending physician to reason through differential diagnoses and generate plans for management of head and neck disorders. Credit: 1-4 hours.

CLIN 7032. Pathology. 1-4 Hours.

Students train with pathologists who provide a wide spectrum of pathology services. The experience may include inpatient and outpatient pathological interpretations and hospital and outpatient surgical operating room consultations. Students engage with pathologists in the preparation of specimens, attend pathology rounds, attend surgical procedures when requested, and work with their attending physician to reason through a differential diagnosis for a wide range of disorders. Credit: 1-4 hours.

CLIN 7033. Advanced Pathology. 1-4 Hours.

Students train with pathologists who provide a wide spectrum of pathology services. Opportunities may include blood banking/transfusion medicine; cyto-, dermato-, hemato-, and neuropathology; chemical pathology; forensic pathology; medical microbiologic pathology; molecular and genetic pathology; and pediatric pathology. The experience may include inpatient and outpatient pathological interpretations, hospital and outpatient surgical operating room consultations, and rotations in the medical microbiology laboratory. Students engage with pathologists in the preparation of specimens, attend pathology rounds, attend surgical procedures when requested, attend the microbiology lab when requested, and work with their attending physician to reason through a differential diagnosis for a wide range of disorders. Credit: 1-4 hours.

CLIN 7034. Pediatrics – Outpatient Clinic. 1-4 Hours.

Students train with pediatricians who care for pediatric patients with complex medical problems. Students engage with patients in the collection of data, perform physical examinations, work with their attending physicians to reason through differential diagnoses and generate plans for management of outpatient pediatric clinical scenarios. Credit: 1-4 hours.

CLIN 7035. Pediatrics – Hospital Medicine. 1-4 Hours.

Students train with pediatric hospitalists who care for hospitalized children with serious illness. The experience may include inpatient admissions and/or consultations and some intensive care. Students engage with patients in the collection of data, perform physical examinations, work with their attending physician to reason through differential diagnoses and generate plans for management of children with serious illness. Credit: 1-4 hours.

CLIN 7036. Pediatrics – Adolescent Medicine. 1-4 Hours.

Students train with pediatricians who specialize in the care of adolescents. The experience may include outpatient clinic, inpatient admissions, and/or consultations. Students engage with patients in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for management of common adolescent disorders. Credit: 1-4 hours.

CLIN 7037. Pediatrics – Cardiology. 1-4 Hours.

Students train with pediatric cardiologists who care for children with cardiovascular conditions. The experience may include an outpatient surgical suite rotation and inpatient admissions and/or consultations. Students engage with patients in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for management of childhood cardiovascular disease. Credit: 1-4 hours.

CLIN 7038. Pediatrics – Child Abuse or Behavior/Development. 1-4 Hours.

Students train with pediatricians who care for children with behavior or development disorders or who have been abused. The experience may include an outpatient rotation and inpatient admissions and/or consultations. Students engage with patients and their families in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for management of childhood disease or trauma. Credit: 1-4 hours.

CLIN 7039. Pediatrics - Critical Care. 1-4 Hours.

Students train with pediatric critical care specialists who care for children and adolescents with the most serious disease processes in the intensive care setting. Students engage with patients and their families in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation (ECMO), arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, and other highly-skilled interventions. Credit: 1-4 hours.

Prerequisite: CLIN 7406.

CLIN 7040. Pediatrics – Endocrinology. 1-4 Hours.

Students train with endocrinologists who care for children with hormone disorders. The experience may include outpatient clinic, inpatient admissions, and/or subspecialty consultations. Students engage with patients in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for management of children with hormonal disorders. Credit: 1-4 hours.

CLIN 7041. Pediatric - Gastroenterology. 1-4 Hours.

Students train with pediatric gastroenterologists who care for children with gastrointestinal and nutritional disorders. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and outpatient surgical interventions. Students engage with patients and their families in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for management of childhood gastrointestinal and nutritional disorders. Credit: 1-4 hours.

CLIN 7042. Pediatrics – Hematology - Oncology. 1-4 Hours.

Students train with pediatric hematologists and/or oncologists who care for children with hematologic and/or oncologic disorders. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and surgical interventions. Students engage with patients in the collection of data, perform physical examinations, attend surgical procedures when requested, and work with their attending physician to reason through differential diagnoses and generate plans for management of children with hematologic and oncologic disorders. Credit: 1-4 hours.

CLIN 7043. Pediatrics – Genetics. 1-4 Hours.

Students train with geneticists who provide care for families with possible genetic illness. The experience may include outpatient clinic, inpatient admissions, and consultations. Students engage with patients in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for management of children with possible genetic disorders. Credit: 1-4 hours.

CLIN 7044. Pediatric - Infectious Diseases. 1-4 Hours.

Students train with pediatric infectious diseases subspecialists who care for children with serious infections. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and hospital microbiology/mycology laboratory exposures. Students engage with patients in the collection of data, perform physical examinations, experience the microbiology and mycology laboratories when requested, and work with their attending physician to reason through differential diagnoses and generate plans for management of serious infectious diseases in children. Credit: 1-4 hours.

CLIN 7045. Pediatrics – Neonatology (Neonatal Intensive Care, NICU). 1-4 Hours.

Students train with neonatologists who care for neonatal patients with the most serious disease processes in the intensive care setting. The experience may include neonatal nursery, hospital, and emergency department consultations and deliveries in the operating room. Students engage with patients in the collection of data, perform physical examinations, work with their attending physician to reason through differential diagnoses and generate plans for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation (ECMO), arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, and other highly-skilled interventions. Credit Hours: 1-4 hours.

Prerequisite: CLIN 7406.

CLIN 7046. Pediatrics – Nephrology. 1-4 Hours.

Students train with pediatric nephrologists who care for children with acute and chronic kidney diseases. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, perform physical examinations, attend surgical procedures when requested, and work with their attending physician to reason through differential diagnoses and generate plans for management of children with renal disorders. Credit: 1-4 hours.

CLIN 7047. Pediatrics – Pulmonary Medicine. 1-4 Hours.

Students train with pediatric pulmonologists who care for children with acute and chronic lung diseases. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and outpatient surgical interventions. Students engage with patients in the collection of data, perform physical examinations, attend surgical procedures when requested, and work with their attending physician to reason through differential diagnoses and generate plans for management of childhood lung and sleep disorders. Credit: 1-4 hours.

CLIN 7048. Pediatrics – Rheumatology. 1-4 Hours.

Students train with pediatric rheumatologists who care for children with multisystem disease and autoimmune, inflammatory, and degenerative disorders of the skeleton. The experience may include outpatient clinic, inpatient admissions, and subspecialty consultations. Students engage with patients in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for management of pediatric rheumatologic disorders. Credit: 1-4 hours.

CLIN 7049. Pediatrics – Transplant. 1-4 Hours.

Students train with pediatric transplant specialists (e.g., cardiologists, nephrologists, pulmonologists, hematologists) who provide medical care for children pre- and post-transplant of solid organs or bone marrow. The experience may include outpatient clinic, inpatient admissions, subspecialty consultations, and surgical interventions. Students engage with patients in the collection of data, perform physical examinations, attend surgical procedures when requested, and work with their attending physician to reason through differential diagnoses and generate plans for management of childhood transplant disorders. Credit: 1-4 hours.

CLIN 7050. Physical Medicine and Rehabilitation (PM&R). 1-4 Hours.

Students train with PMR specialists who care for patients with widespread disorders of the nervous system and skeleton. The experience may include outpatient clinic, inpatient admissions, and/or specialty consultations. Students engage with patients in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for minimally-invasive management of neuromuscular and skeletal disorders. Credit: 1-4 hours.

CLIN 7051. Advanced Physical Medicine and Rehabilitation (PM&R). 1-4 Hours.

Students train with PMR specialists who care for patients with widespread disorders of the nervous system and skeleton. Opportunities may include brain injury medicine, pain medicine and/or palliative care, pediatric rehabilitation, and spinal cord injury. The experience may include outpatient clinic, inpatient admissions, and/or specialty consultations. Students engage with patients in the collection of data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate plans for minimally-invasive management of neuromuscular and skeletal disorders. Credit: 1-4 hours.

CLIN 7052. Preventative Medicine. 1-4 Hours.

Students train with specialist physicians which may include aerospace medicine, occupational and environmental medicine, public health and general preventative medicine, addiction medicine, undersea and hyperbaric medicine, and others, who care for adult outpatients with preventable disease. Students collect data, perform a physical examination, and work with their Attending physician(s) to reason through differential diagnoses and generate a plan to prevent illness in a variety of scenarios. Credit: Variable, maximum 4 hours.

CLIN 7053. Psychiatry. 1-4 Hours.

Students train with psychiatrists who care for individuals with psychiatric disorders. The rotation site may include the psychiatric emergency department, outpatient clinic, inpatient admissions, and subspecialty consultations. Students engage with patients in the collection of data, perform a physical and specialty-specific examination, and work with their Attending physician(s) to reason through differential diagnoses and generate a plan for management of psychiatric disorders. Credit: Variable, maximum 4 hours.

CLIN 7054. Advanced Psychiatry. 1-4 Hours.

Students engage with psychiatrists who care for individuals with complex or specialized psychiatric disorders. The rotation site may include the psychiatric emergency department, outpatient clinic, inpatient admissions, and subspecialty consultations. Students engage with patients in the collection of data, perform a physical and specialty-specific examination, and work with their Attending physician(s) to reason through differential diagnoses and generate a plan for management of advanced or specialized psychiatric disorders. Credit: Variable, maximum 4 hours.

CLIN 7055. Radiology. 1-4 Hours.

Students train with radiologists who provide a wide spectrum of radiology services. The experience may include inpatient and/or outpatient encounters in general diagnostic radiology. Students engage with radiologists in the recommendation and ordering of imaging, attend radiology rounds, attend surgical procedures when requested, and work with their Attending(s) to reason through a differential diagnosis of a wide range of disorders. Credit: Variable, maximum 4 hours.

CLIN 7056. Advanced Radiology. 1-4 Hours.

Students train with radiologists who provide advanced radiologic services. The experience may include inpatient and/or outpatient encounters in general diagnostic radiology. Students engage with radiologists in the recommendation and ordering of imaging, attend radiology rounds, attend surgical procedures when requested, and work with their Attending(s) to reason through a differential diagnosis of a wide range of disorders. Credit: Variable, maximum 4 hours.

CLIN 7058. General Surgery. 1-4 Hours.

Students train with physicians who provide surgical care for patients with general surgical conditions. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a surgical plan for management of common disorders. Credit: Variable, maximum 4 hours.

CLIN 7059. Surgery - Cardiothoracic. 1-4 Hours.

Students train with physicians who provide surgical care for patients with cardiothoracic surgical conditions. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a surgical plan for management of cardiothoracic disorders. Credit: Variable, maximum 4 hours.

CLIN 7060. Surgery - Colorectal. 1-4 Hours.

Students train with physicians who provide surgical care for patients with colorectal surgical conditions. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a surgical plan for management of colorectal disorders. Credit: Variable, maximum 4 hours.

CLIN 7061. Surgery - Neurological. 1-4 Hours.

Students train with physicians who provide care for patients with neurosurgical conditions. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a surgical plan for management of neurosurgical disorders. Credit: Variable, maximum 4 hours.

CLIN 7062. Surgery – Neurosurgical Intensive Care. 1-4 Hours.

Students train with physicians who provide intensive care for patients with neurosurgical conditions. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a plan for management of neurosurgical disorders. Credit: Variable, maximum 4 hours.

CLIN 7063. Surgery – Surgical Critical Care. 1-4 Hours.

Students train with surgeons who care for patients with the most serious surgical disease processes in the intensive care setting. The experience may include hospital and emergency department consultations and operative cases. Students engage with patients in the collection of data, attend operative interventions, perform a physical examination, and work with their Attending(s) to reason through differential diagnoses and generate a plan for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation, arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, multiple surgeries, and other highly-skilled interventions. Credit: Variable, maximum 4 hours.

Prerequisite: CLIN 7802.

CLIN 7064. Surgery – Plastics. 1-4 Hours.

Students train with specialty surgeons who provide surgical care for patients with conditions amenable to plastic surgery. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a surgical plan for management of disorders amenable to plastic surgery. Credit: Variable, maximum 4 hours.

CLIN 7065. Surgery – Transplant. 1-4 Hours.

Students train with specialty surgeons who provide surgical care for patients with solid organ transplants. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a plan for management of patients who need or have received a solid organ transplant. Credit: Variable, maximum 4 hours.

CLIN 7066. Surgery – Trauma. 1-4 Hours.

Students train with specialty surgeons who provide surgical care for patients with trauma. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a surgical plan for management of patients with trauma. Credit: Variable, maximum 4 hours.

CLIN 7067. Surgery – Vascular. 1-4 Hours.

Students train with specialty surgeons who provide surgical care for patients with vascular disorders. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a surgical plan for management of patients with vascular disease. Credit: Variable, maximum 4 hours.

CLIN 7068. Urology. 1-4 Hours.

Students train with specialty surgeons who provide surgical care for patients with urologic disorders. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a surgical plan for management of patients with genitourinary disease. Credit: Variable, maximum 4 hours.

CLIN 7079. Internal Medicine - Comprehensive. 1-4 Hours.

Students train with physicians who care for patients with complex medical problems in the outpatient clinic and in the hospital. Experiences may include some intensive care. Students collect data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a plan for management of complex inpatient and outpatient clinic scenarios. Credit: Variable, maximum 4 hours.

CLIN 7082. Clinical Reasoning. 1-4 Hours.

Students gain experience in factual recall, critical and practical thinking (using illness scripts and pattern recognition), understanding, and patient-based clinical scenarios. Credit: Variable, maximum 4 hours.

CLIN 7083. The Business of Medicine. 1-4 Hours.

The Business of Medicine clerkship is a condensed online course that teaches evidence-based practices that tackle administrative burdens and encourage healthy work conditions that help prevent physician burnout. Students complete modules (including videos, reading assignments, case studies) and participate in self-assessments. Credit: Variable, maximum 4 hours.

CLIN 7085. Surgery - Pediatric. 1-4 Hours.

Students train with pediatric surgeons who provide surgical care for children with conditions amenable to surgery. The experience may include outpatient clinic, inpatient admissions, consultations, and surgical interventions. Students engage with patients and their families in the collection of data, perform a physical examination, attend operative interventions, and work with their Attending physician(s) to reason through differential diagnoses and generate a surgical plan for management of disorders amenable to pediatric surgery. Credit: Variable, maximum 4 hours.

CLIN 7086. Advanced Emergency Medicine. 1-4 Hours.

Students train with physicians who care for patients with emergent medical conditions. The experience includes rotation through an emergency department or urgent care center. Students engage with patients in the collection of data, perform a physical examination, work with their Attending physician(s) to reason through differential diagnoses and generate a plan for management of common, emergent scenarios. Opportunities may include encounters with Emergency Medical Services, patients in the Pediatric Emergency Department, dedicated rotations with emergent toxicologists, or other scenarios. Credit: Variable, maximum 4 hours.

CLIN 7088. Telemedicine. 1-4 Hours.

Students train with physicians who care for acute and/or chronic problems using telemedicine. Students engage with patients in the collection of data, perform an appropriate physical examination, and work with their Attending physician to reason through differential diagnoses and generate a plan for management in the telemedicine environment. Credit: Variable, maximum 4 hours.

CLIN 7089. Nutrition in Medicine. 1-4 Hours.

Students gain experience in nutrition for clinical practice in an online and self-directed environment. Students evaluate the impact of food and diet, including the essential micro- and macro-nutrients, on health and disease prevention. Topics include therapeutic diets and nutrition for specific disorders as well as tube feeding, IV alimentation, and medical and surgical interventions. Students complete modules (which may include, but is not limited to, videos, reading assignments, case studies, and assessments). Credit: Variable, maximum 4 hours.

CLIN 7090. Surgical Anatomy and Skills. 1-4 Hours.

Students refine their dissecting and suturing skills while also deepening their understanding of surgical anatomy. Students perform a literature search on anatomical factors related to surgery or trauma in an assigned physical region (head and neck, hand and forearm, or abdomen and pelvis) and perform a detailed cadaver dissection of that region. Students practice suturing simulated wounds on the cadaver. The clerkship is offered only in January of each year and is limited to six students. Credit: Variable, maximum 4 hours.

Prerequisite: CLIN 7802.

CLIN 7201. Wellness for Healthcare Professionals. 2 Hours.

Students examine wellness in relation to Healthcare. This clerkship is accomplished online with weekly video meetings with faculty. The student is expected to learn methods to improve and maintain physical, mental, spiritual, financial, and institutional wellness for themselves, their patients and their teams.

CLIN 7214. Osteopathic Manipulative Medicine Clerkship 2 Week. 2 Hours.

Students gain advanced skills in osteopathic manipulative medicine through application in patient care activities, didactics, and teaching.

CLIN 7271. Clinical Hematology. 2 Hours.

This course is a 2-week elective clerkship providing the student with the opportunity to gain experience in clinical hematology. The clinical experience will emphasize the diagnosis and management of various hematologic disorders. Participating students will have the opportunity to reinforce clinical skills which include completing an accurate patient history and physical exam. They will also gain understanding on the complex decision making required in caring for patients with hematologic disorders.

CLIN 7401. General Surgery Clerkship. 4 Hours.

This clinical clerkship provides the student with the opportunity to gain experience in General Surgery. Students are assigned to a hospital for their 3rd year core rotations, and this clinical clerkship is accomplished at the assigned facility. The student is expected to learn the diagnosis and treatment of surgical patients, including pre-operative evaluation, intra-operative and post-operative care, post hospital care, interprofessional team care and office care. Credits: 4.

Prerequisite: Successful completion of all coursework in years 1 & 2, Passing grade on COMLEX Level 1.

CLIN 7402. Adult Inpatient Medicine Clerkship. 4 Hours.

This clinical clerkship provides the student with the opportunity to gain experience in Adult Inpatient Medicine. Students complete the four week block in each of the third and fourth years and are assigned to a hospital for their third year core rotations, and this course is accomplished at the assigned facility. The student is expected to learn the diagnosis and treatment of adult patients on the inpatient medicine service, including admission criteria, interprofessional team based care, consultations, bedside diagnosis and management, pre-operative evaluation, post-operative medical management, discharge criteria and procedures and post hospital care. Credits: 4.

Prerequisite: Successful completion of all coursework in years 1 & 2, passing grade on COMLEX Level 1.

CLIN 7403. Emergency Medicine Clerkship. 4 Hours.

This clinical clerkship provides the student with the opportunity to gain experience in Emergency Medicine. Students are assigned to a hospital for their 3rd year core rotations, and this clinical clerkship is accomplished at the assigned facility. The student is expected to learn the diagnosis and treatment of pediatrics and adult patients upon presentation to the emergency department including admission, discharge and transfer criteria, interprofessional team based care, consultations, and bedside diagnosis and management to include trauma care and acute cardiac and respiratory care. Credits: 4.

Prerequisite: Successful completion of all coursework in years 1 & 2, passing grade on COMLEX Level 1.

CLIN 7404. Psychiatry Clerkship. 4 Hours.

This clinical clerkship provides the student with the opportunity to gain experience in psychiatry and mental health. Students are assigned to a hospital for their third year core rotations and this clinical clerkship will be accomplished as part of the core rotations, but may or may not be at the assigned facility, depending on services provided. The student is expected to learn the diagnosis and treatment of patients in a behavioral health setting. Credits: 4.

Prerequisite: Successful completion of all coursework in years 1 & 2, passing grade on COMLEX Level 1.

CLIN 7405. Family Medicine Clerkship. 4 Hours.

This clinical clerkship provides the student with the opportunity to gain experience in Family Medicine. Students are assigned to a hospital for their third year core rotations, and this clinical clerkship is accomplished as part of the core rotations, but may occur in the office or hospital setting, or a combination, depending on services provided by the attending physician. The student is expected to learn the diagnosis and treatment of patients in the family medicine office setting and may follow the family physician to the other sites of care based on their practice. Credits: 4.

Prerequisite: Successful completion of all coursework in years 1 & 2, passing grade on COMLEX Level 1.

CLIN 7406. Pediatrics Clerkship. 4 Hours.

This clinical clerkship provides the student with the opportunity to gain experience in the care of children. Students are assigned to a hospital for their third year core rotations, and this clinical clerkship is accomplished as part of the core rotations, but may occur in the office or hospital setting, or a combination, depending on services provided by the attending physician. The student is expected to learn the diagnosis and treatment of children and may follow the physician to the various sites of care based on their practice. Credits: 4.

Prerequisite: Successful completion of all coursework in years 1 & 2, passing grade on COMLEX Level 1.

CLIN 7407. Ob/Gyn Clerkship. 4 Hours.

Students complete a four week block in each of the third and fourth years. It provides the student with the opportunity to gain experience in the care of women. Students are assigned to a hospital for their third year core rotations, and the third year block is accomplished as part of the core rotations and may include office in addition to hospital practice, depending on structure of the rotation and services provided by the attending physician. The fourth year block may address aspects of women's health that do not include obstetrics and/or gynecology. The student is expected to gain experience in prenatal care, labor and delivery, gynecology and breast health, and the unique aspects of the care of women in areas such as cardiovascular health, osteoporosis, and breast cancer. Credits: 4.

Prerequisite: Successful completion of all coursework in years 1 & 2, passing grade on COMLEX Level 1.

CLIN 7408. Rural & Underserved Medicine Clerkship. 4 Hours.

This clinical clerkship provides the student with the opportunity to gain experience in the care of rural and underserved populations in a variety of settings. Students are assigned to a hospital for their third year core rotations, and this clinical clerkship is accomplished outside of the main assigned hospital. Aspects of this rotation may occur in a rural or critical access hospital, a nursing home, a rural clinic or a community health center in a rural or urban setting. The student is expected to experience the social and diagnostic challenges associated with caring for populations with limited access to health services due to geography, insurance status and/or health access as well as the satisfaction of making a difference in health disparities. Credits: 4.

Prerequisite: Successful completion of all coursework in years 1 & 2, passing grade on COMLEX Level 1.

CLIN 7409. Adult Inpatient Med-II. 4 Hours.

This 3rd year clinical clerkship continues the experience from CLIN 7402: Adult Inpatient Med Clerkship-I, where the student gains experience in Adult Inpatient Medicine. Students will be assigned to a hospital and are expected to learn the specifics of diagnosis and treatment of adult patients, including admission criteria, use of consultation services, bedside diagnosis, pre- and post-operative care, discharge criteria, use of medical procedures, and post-hospital care. This 4-week experience requires students to pass an Internal Medicine assessment from the National Board of Osteopathic Medical Examiners to complete the course.

Prerequisite: CLIN 7402.

CLIN 7411. Womens Health and Wellness. 4 Hours.

This course consists of a 4-week block in the fourth year after completion of the CLIN 7407 - Obstetrics and Gynecology Clerkship. Students will be assigned to an inpatient, outpatient, or mixed clinical experience. The 4th year rotation will focus on aspects of women's health that do not include obstetrics or gynecology. Students gain experience in unique aspects of women's health, which may include prenatal care, gynecology, cardiovascular health, osteoporosis, and breast cancer. Credit: 4

Prerequisite: CLIN 7407 - Obstetrics and Gynecology.

CLIN 7412. Acting Internship – Internal Medicine. 4 Hours.

work as an intern on an Internal Medicine inpatient medical ward team to provide care for hospitalized patients with serious illness. The experience may include inpatient admissions and/or consultations and some intensive care. Students collect and report a complete patient history and physical exam, order and interpret laboratory data and other studies, clinically reason and develop independently a differential diagnosis, present new and existing patients during hospital rounds to upper level house officers and attending physicians, work with a medical team to generate a plan for management of hospitalized patients, work in a medical team environment to perform daily duties, and behave professionally as a part of the medical team.

Prerequisite: CLIN 7402.

CLIN 7414. Medicine Selective Clerkship. 4 Hours.

This clinical clerkship provides the student with the opportunity to select an area of medicine from a selected group of rotations in medicine. This rotation must be completed within the assigned facility in year three and an affiliated facility in year four. The list of choices for this rotation are: General Internal Medicine, Pediatrics, Family Medicine, Geriatrics, Emergency Medicine, Hospitalist Medicine, Intensive Care, Pulmonology, Cardiology, Gastroenterology, Neurology, Adolescent Medicine, Rural Health, Primary Care Sports Medicine, Public Health, Alcohol and Substance abuse, Adult and Child and Adolescent Psychiatry, Neonatology, Pediatric ICU, and subspecialty pediatrics. Credits: 4.

Prerequisite: Successful completion of all coursework in years 1 & 2, Passing grade on COMLEX 1.

CLIN 7415. Surgery Selective Clerkship. 4 Hours.

This course provides the student with experience in subspecialty surgery. Students are required to take a 4 week Surgery Selective in each of their third and fourth years, and this clinical clerkship is accomplished at the assigned facility in the third year and an affiliated facility in the fourth year. The student is expected to learn the diagnosis and treatment of surgical patients appropriate for the selected specialty, including pre-operative evaluation, intra-operative and post operative care, post hospital care and office care, as appropriate. Credits: 4.

Prerequisite: Successful completion of all coursework in years one and two, successful completion of General Surgery rotation, Passing grade on COMLEX Step 1.

CLIN 7416. Osteopathic Manipulative Medicine Clerkship 4 Week. 4 Hours.

Students gain advanced skills in osteopathic manipulative medicine through application in patient care activities, didactics, teaching, and research.

CLIN 7417. Primary Care – Internal Medicine. 4 Hours.

Students engage with internal medicine physicians who care for patients with complex medical problems in the outpatient clinic, the hospital, or in both scenarios. Experiences may include some intensive care. Students collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of complex medical scenarios.

Prerequisite: CLIN 7402.

CLIN 7418. Primary Care – Pediatrics. 4 Hours.

Students engage with pediatricians who care for children with complex medical problems in the outpatient clinic, the hospital, or in both scenarios. Experiences may include some intensive care. Students engage with patients to collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for managing complex medical scenarios. Credit: 4 hours.

Prerequisite: CLIN 7406.

CLIN 7419. Primary Care – Internal Medicine and Pediatrics. 4 Hours.

Students rotate with Med-Peds, Internal Medicine, and Pediatric physicians who care for adults and/or children with complex medical problems in the outpatient clinic, the hospital, or in both scenarios. Experiences may include some intensive care. Students engage with patients to collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for managing complex medical scenarios. Credit: 4 hours.

Prerequisite: CLIN 7402 and CLIN 7406.

CLIN 7420. Primary Care – Family Medicine. 4 Hours.

Students work with family medicine physicians who care for patients with medical illness in the outpatient clinic, the hospital, or in both scenarios. Experiences may include some intensive care. Students engage with patients to collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of common medical scenarios.

Prerequisite: CLIN 7405.

CLIN 7421. Primary Care – Obstetrics and Gynecology. 4 Hours.

Students work with Obstetricians and Gynecologists who care for patients during pregnancy or who have gynecologic disorders in either the outpatient clinic, the hospital, or in both scenarios. Experiences may include some intensive care. Students engage with patients to collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of pregnant patients or those with gynecologic disorders.

Prerequisite: CLIN 7407.

CLIN 7422. Medical Intensive Care Unit (MICU) – Critical Care. 4 Hours.

Students work with hospitalists and/or critical care physicians who care for medical patients with the most serious disease processes in the intensive care setting. The experience may include hospital and emergency department consultations. Students engage with patients to collect data, perform a physical examination, work with their attending physician to reason through differential diagnoses and generate a plan for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation, arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, and other highly-skilled interventions.

Prerequisite: CLIN 7402.

CLIN 7423. Surgical Intensive Care Unit (SICU) – Surgery Critical Care. 4 Hours.

Students work with surgeons who care for patients with the most serious surgical disease processes in the intensive care setting. The experience may include hospital and emergency department consultations and operative cases. Students engage with patients to collect data, attend operative interventions when required, perform a physical examination, and work with their attending physician to reason through differential diagnoses and generate a plan for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation, arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, multiple surgeries, and other highly-skilled interventions.

Prerequisite: CLIN 7401.

CLIN 7424. Pediatric Intensive Care Unit (PICU) – Peds Critical Care. 4 Hours.

Students work with pediatric critical care physicians who care for young patients with the most serious disease processes in the intensive care setting. The experience may include hospital and emergency department consultations. Students engage with patients to collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation, arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, and other highly-skilled interventions.

Prerequisite: CLIN 7406.

CLIN 7425. Neonatal Intensive Care Unit (NICU) – Neonatal Critical Care. 4 Hours.

Students work with neonatologists who care for neonatal patients with the most serious disease processes in the intensive care setting. The experience may include neonatal nursery, hospital, and emergency department consultations and deliveries in the operating room. Students engage with patients to collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation, arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, and other highly-skilled interventions.

Prerequisite: CLIN 7425.

CLIN 7426. Neurosurgical Intensive Care Unit – Neuro Critical Care. 4 Hours.

Students work with neurosurgeons who care for patients with the most serious neurosurgical disease processes in the intensive care setting. The experience may include hospital and emergency department consultations and operative cases. Students engage with patients to collect data, attend operative interventions when required, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation, arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, and other highly-skilled interventions.

Prerequisite: CLIN 7401.

CLIN 7427. Cardiac Intensive Care Unit (CCU) – Cardiac Critical Care. 4 Hours.

Students work with cardiologists who care for patients with cardiovascular conditions in the intensive care setting. The experience may include inpatient admissions and/or consultations. Students engage with patients to collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of the most severe cardiovascular scenarios.

Prerequisite: CLIN 7402.

CLIN 7428. Intensive Care Unit – Other. 4 Hours.

Students work with critical care physicians who care for patients with the most serious disease processes in an intensive care setting (but is not otherwise designated as “medical intensive care,” “cardiac intensive care,” “surgical intensive care,” “neurosurgical intensive care,” “pediatric intensive care,” or “neonatal intensive care.”) The experience may include hospital and emergency department consultations. Students engage with patients to collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of patients requiring intensive care due to need for oxygenation, ventilation, extracorporeal membrane oxygenation, arterial monitoring, multiple intravenous infusions, intravascular infusions requiring titration, continuous renal replacement therapy, and other highly-skilled interventions. Credit: 4 hours.

Prerequisite: CLIN 7401 or CLIN 7402.

CLIN 7429. Internal Medicine – Outpatient Clinic. 4 Hours.

Students work with internal medicine physicians who care for patients with complex medical problems. Students engage with patients to collect, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of complex outpatient clinic scenarios. Credit: 4 hours.

Prerequisite: CLIN 7402.

CLIN 7430. Internal Medicine – Hospital Medicine. 4 Hours.

Students work with internal medicine physicians, or internal medicine subspecialists, who care for hospitalized patients with serious illness. The experience may include inpatient admissions and/or consultations and some intensive care. Students engage with patients to collect data, perform physical examinations, and work with their attending physician to reason through differential diagnoses and generate a plan for management of serious illness. Credit: 4 hours.

Prerequisite: CLIN 7402.

CLIN 7451. Academic Medicine. 4 Hours.

This course is an elective clerkship providing the student with the opportunity to gain experience in Academic Medicine. This is a 4-week rotation. This clerkship is accomplished at SHSU-COM or online. The student is expected to analyze and practice the fundamentals of academic medicine as outlined in the syllabus.

CLIN 7452. Leadership in Medicine. 4 Hours.

Students will gain experience in leadership in medicine. Students will analyze leadership theory and practice leadership skills specific to medicine, medical education, and public health. The course will end with the students outlining their personal and professional missions and creating a plan to develop leadership skills throughout their careers.

CLIN 7453. Introduction to Spanish for Medical Students. 4 Hours.

This course is a 4-week elective providing the student with the opportunity to gain experience in Spanish for Medical Professionals. This elective is offered online. Students apply medical terms, Spanish language foundations, and gain Hispanic cultural knowledge. This rotation integrates medical topics with general Spanish language and uses research validated pedagogy to facilitate learning.

CLIN 7457. Online Radiology. 4 Hours.

This independent study elective utilizes a significant amount of online module learning to help students develop a basic understanding of the principles and applications of medical imaging. The course focuses on a patient-centered approach to imaging and helps students build clinical problem-solving skills by utilizing the American College of Radiology Appropriateness criteria.

CLIN 7460. Research in Medicine. 4 Hours.

This course is a 4-week elective block providing the student with the opportunity to enhance research knowledge in their chosen area of study. This elective is accomplished through the COM in coordination with faculty. Participating students will enforce previously acquired knowledge and skill, gather and analyze data, and formulate a written report and disseminate their findings.

CLIN 7461. Culinary Medicine. 4 Hours.

This course is an elective clerkship providing the student with the opportunity to gain experience in Culinary Medicine. The working goals are to provide medical students with a basic understanding of the culinary skills required to achieve a patient’s dietary and/or nutritional goals. The student is expected to learn how to use food as medicine and decrease it as a risk factor for disease. The course is a hybrid course that will be offered in person and online.

CLIN 7470. Sports Medicine Elective Clerkship. 4 Hours.

This clinical clerkship provides the student with the opportunity to gain experience in Sports Medicine and equip the medical student with a foundation in Sports Medicine to support their maturing clinical judgment and knowledge. This clinical clerkship is accomplished as 4-week elective. The student is expected to learn basic exam findings, diagnoses, and treatment plans of patients in the outpatient setting and may accompany the Sports Medicine physician to the other sites of care based on their practice.

CLIN 7471. Four Week Clinical Hematology Elective. 4 Hours.

This course is a 4-week elective clerkship providing the student with the opportunity to gain experience in clinical hematology. The clinical experience will emphasize the diagnosis and management of various hematologic disorders. Participating students will have the opportunity to reinforce clinical skills which include complete and accurate patient history and physical exam. They will also gain understanding on the complex decision making required in caring for patients with hematologic disorders.