



2020 Course Curriculum

Biomedical Years 1 - 2

Course Code	Name	Description
ANAT 7401	Clinical Anatomy 1	Students explore gross and microscopic anatomy, embryology and development, and neuroanatomy of the human body. Studies include anatomical features of the back, upper limb, thorax, and abdomen. Laboratory cadaveric dissection, virtual microscopy, radiological and three-dimensional imaging, and models are all utilized as learning tools. Students apply knowledge of anatomical sciences to solving clinical problems. Prerequisite: None. Credit 4.
ANAT 7402	Clinical Anatomy 2	Students explore gross and microscopic anatomy, embryology and development, and neuroanatomy of the human body. Studies include anatomical features of the pelvis, lower limb, head and neck. Laboratory cadaveric dissection, virtual microscopy, radiological and three-dimensional imaging, and models are all utilized as learning tools. Students apply knowledge of anatomical sciences to solving clinical problems. Prerequisite: None. Credit 4.
SFOM 7401	Scientific Foundations 1	Students integrate the foundational science principles of cell biology, genetics, biochemistry, biostatistics and research methods to assess healthy and disease states. Students build the knowledge base required for subsequent integrated system courses. Prerequisite: None. Credit 4.
SFOM 702	Scientific Foundations 2	Students integrate the foundational science principles of pharmacology, microbiology, immunology, physiology, pathology, epidemiology and public/population health to assess healthy and disease states. Students build the knowledge base required for subsequent integrated system courses. Prerequisite: None. Credit 4.

MEDS 7602	Neuroscience & Behavior	Students explore functional anatomy and physiology of the nervous system in both health and disease, learning to use the neurologic examination, imaging techniques, and biochemical markers, to objectively assess the nervous system. Students learn the signs, symptoms, and consequences of nervous system pathologies resulting from trauma, ischemia, stroke, infection, toxins, autoimmune, and genetic conditions. Students are introduced to an overview of mental health issues including developmental disorders, adaptive and maladaptive behaviors, mood disorders, stress-induced behavior, fear and anxiety disorders, substance abuse, somatoform disorders, and psychoses. Students also examine ethical, legal, and social aspects related to neuroscience and behavioral pathologies. In order to facilitate cognitive integration of basic and clinical sciences, this course is team-taught by clinicians and basic scientists. Prerequisite: None. Credit 6.
MEDS 7603	Immune System & HEENT	Students are introduced to the principles of trauma, inflammatory disorders, infections and cancers associated with HEENT as it relates to the immune system. Students learn to apply the basic concepts of immunology in normal and disease states. Topics such as immune responses to infections, immune deficiencies, hypersensitivity, tumor and transplantation rejection are covered in detail. In this course, the HEENT and immune systems are integrated in case-based interactive instruction. Students will also apply immunology to diagnose, prevent, and treat infections, cancers and immunological diseases. Prerequisite: None. Credit 6.
MEDS 7604	Skin Skeletal & Motor Systems	Students investigate normal and abnormal structure and function of the integumentary, musculoskeletal, and motor systems. These systems are studied at the cellular, tissue, and organ system levels including normal structure and function as well as states of disease and dysfunction. Prerequisite: None. Credit 6.
MEDS 7605	Hematopoietic & Renal Systems	Students integrate the functional anatomy and physiology of the renal and hematopoietic systems. Students assess and interpret biochemical markers and signs and symptoms of renal and hematopoietic pathologies. Students design comprehensive pharmacologic and non-pharmacologic treatment plans and develop an understanding of the ethical, legal and social aspects related to disease treatment, including dialysis and transplant. Prerequisite: None. Credit 6.

MEDS 7606	CV & Respiratory Systems	Students integrate concepts related to the cardiovascular and respiratory systems in health and disease. Students analyze environmental and socio-cultural aspects of the region influencing the normal function of the systems. Topics include morphological sciences (anatomy, histology, and embryology), physiology, pathology and contemporary therapeutic approaches. Students integrate basic and clinical sciences in the context of commonly presented clinical scenarios. Prerequisite: None. Credit 6.
MEDS 7607	GI & Nutrition	Students examine the structure and function of the gastrointestinal (GI) and hepatobiliary systems in both health and disease. Basic tenets of nutrition and the impact of GI dysfunction on nutritional status are discussed. Students evaluate the impact of food and diet, including micro and macronutrients, on health and disease prevention. Topics include therapeutic diets and nutrition for specific disorders as well as tube feeding, IV alimentation, medical and surgical interventions. Prerequisite: None. Credit 6.
MEDS 7608	Endo Repro & Urinary Systems	Students integrate the core biomedical sciences in the identification, differentiation, diagnosis, and management of the normal and abnormal states of the endocrine, reproductive and genitourinary systems. Students explore the role of hormones and their impact during pregnancy, organ development, organ function, and on metabolism, including discussions relevant to historical and current medical and surgical interventions for localized and systemic diseases for these systems. Prerequisite: None. Credit 6.
MEDS 7609	Lifecycle	Students explore topics throughout the lifespan from pediatrics to geriatrics. Discussion includes normal growth and development as well as illness and disease. Basic science underpinnings are applied to divergent clinical manifestations and care at various stages of the lifecycle. Prerequisite: None. Credit 6.
MEDS 7320	Systems Integration	Students integrate and apply biomedical and clinical concepts previously presented throughout the first two years of the undergraduate osteopathic medical curriculum. Mastery of foundational biomedical and clinical concepts will be assessed. Based upon personal strengths and opportunities, students develop a personalized study plan in preparation for successful completion of the COMLEX USA Level 1 examination which is required for continuation in the curriculum. Prerequisite: None. Credit 3.

CMED 7501	Clinical Medicine 1	The student explores foundational skills and knowledge pertinent to becoming a physician. Topics include ethics, professionalism, self-care, patient centered, and physician centered history taking. A basic physical examination is learned as well. The pre-clinical student will have an opportunity to interact with other health care professions students to learn the importance of teamwork and inter-professional collaboration. OMM1 is paired and integrated alongside this course. Prerequisite: None. Credit 5.
CMED 7402	Clinical Medicine 2	The student continues the foundational work of becoming a physician with topics that include ethics, professionalism, and self-care with a particular focus given to the mind, behavioral health and neurologic system. The student physician begins applying medical decision-making, working in collaborative care teams, and the role of the physician in society through simulation and standardized patient exercises. Use of physical examination to identify abnormal cardiopulmonary findings is emphasized. OMM2 shares an integrated focus. Prerequisite: None. Credit 4.
CMED 7403	Clinical Medicine 3	The student develops more advanced skills with further concentration on ethics, professionalism, and self-care with a particular focus on EBM (evidence based medicine) and population health. The abdomen and pelvis physical examinations are learned in detail. A complete new patient history and physical can now be completed and documented. Simulations continue to include collaborative events with other professional students and expands experience in common physician skills such as suturing and resuscitation tube placements. This course is taught concurrently and aligns with OMM3. Prerequisite: None. Credit 4.
CMED 7304	Clinical Medicine 4	The student integrates knowledge and techniques already attained to develop a holistic approach to medicine. Major topics include cultural diversity, population health, health outcomes, and EBM (evidence based medicine). Simulation and clinical skills focus on the life cycle (pediatrics, women's health, and geriatrics). More advanced simulations and inter-professional events occur. Application of medical decision-making and the performance and documentation of a full history and physical continue be a focus and requirement for attainment of these skills. This course shares focus and integrated activities with OMM4. Prerequisite: None. Credit 3.

OTSM 7301	Osteopathic Manipulative Med 1	Students are introduced to the principles and practices unique to osteopathic medicine, including osteopathic examination and techniques. Students develop the contextual framework and basic skills necessary for providing osteopathic patient care. Students also critically appraise osteopathic history and philosophy, thereby beginning professional identity formation as an osteopathic physician. This course is taught in conjunction with Clinical Medicine 1. Prerequisite: None. Credit 3.
OSTM 7302	Osteopathic Manipulative Med 2	Students continue their exploration of osteopathic principles and practices as they apply to the nervous, immune, head/eyes/ears/nose/throat and musculoskeletal systems. Students learn new osteopathic exams and techniques, and receive reinforcement of previously learned ones. Evidence based medicine is introduced and mind-body medicine is investigated. This course is taught in conjunction with Clinical Medicine 2. Prerequisite: None. Credit 3.
OSTM 7303	Osteopathic Manipulative Med 3	Students continue their exploration of osteopathic principles and practices as they apply to the renal, cardiovascular, pulmonary and gastrointestinal systems. Students learn new osteopathic exams and techniques, and receive reinforcement of previously learned ones. Evidence based medicine and the concept of spirit and spirituality as they apply to patient care are also included. This course is taught in conjunction with Clinical Medicine 3. Prerequisite: None. Credit 3.
OSTM 7304	Osteopathic Manipulative Med 4	Students continue their exploration of osteopathic principles and practices as they apply to the genitourinary and endocrine systems, as well as providing care for pediatric, geriatric, pregnant, and chronic pain patients and athletes. Students complete their evidence based medicine projects from previous semesters and revisit osteopathic philosophy from a whole-patient perspective. Students have an opportunity to consolidate materials and skills from the previous three OMM Courses and prepare for national examinations. This course is taught in conjunction with Clinical Medicine 4. Prerequisite: None. Credit 3.

Clinical Years 3 – 4

Course Number	Course Name	Year	Description
MEDS 7318	Clinical Clerkship Preparation	3, 4	This course provides the student with the opportunity to review salient principles and procedures essential for the success at the start of clinical rotations. The course reviews the interpretation of electrocardiograms, imaging studies, and laboratory data, as well as OSCE's, procedures in the simulation lab and osteopathic principles. Students are expected to be able to participate in the diagnosis and treatment of patients upon their arrival on a clinical service in their clerkships, and this course serves to ground them in basic medical knowledge and processes. Prerequisite: None. Credit 3.
CLIN 7401	General Surgery Clerkship	3	This clinical clerkship provides the student with the opportunity to gain experience in General Surgery. Students will be assigned to a hospital for their 3 rd year core rotations and this clinical clerkship will be 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. Prerequisite: None. Credit 4.
CLIN 7402	Adult Inpatient Medicine Clerkship (2 blocks)	3	This clinical clerkship provides the student with the opportunity to gain experience in Adult Inpatient Medicine. Students complete two four-week blocks in the third year and will be assigned to a hospital for their third year core rotations. These rotations will be 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. Prerequisite: None. Credit 4/block.
CLIN 7403	Emergency Medicine Clerkship	3	This clinical clerkship provides the student with the opportunity to gain experience in Emergency Medicine. Students will be assigned to a hospital for their 3 rd year core rotations and this clinical clerkship will be 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. Prerequisite: None. Credit 4.
CLIN 7404	Psychiatry Clerkship	3	This clinical clerkship provides the student with the opportunity to gain experience in psychiatry and mental health. Students will be assigned to a hospital for their third year core rotations and this clinical clerkship will be accomplished as part of the core rotations. The rotation 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. Prerequisite: None. Credit 4.
CLIN 7405	Family Medicine Clerkship	3	This clinical clerkship provides the student with the opportunity to gain experience in Family Medicine. Students will be assigned to a hospital for their third year core rotations. This clinical clerkship will be

			accomplished as part of the core rotations and 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. The guiding principles of care for the discipline of family medicine include the areas of: Patient centered care, using a bio-psycho-social model; Comprehensive or holistic care; Continuity of care and continuous healing relationship; An evidence-based approach to health care delivery; Coordination of care , integrating complex care from members of the entire medical team. Prerequisite: None. Credit 4.
CLIN 7406	Pediatrics Clerkship	3	This clinical clerkship provides the student with the opportunity to gain experience in the care of children. Students will be assigned to a hospital for their third year core rotations and this clinical clerkship will be accomplished as part of the core rotations. The rotation 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. Prerequisite: None. Credit 4.
CLIN7407	Women's Health Clerkship (1 of 2)	3	In this course, the student completes 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 will be assigned to a hospital for their third year core rotations. The third year block will be accomplished as part of the core rotations and may include office in addition to hospital practice, depending on the 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. Prerequisite: None. Credit 4.
CLIN 7408	Rural & Underserved Medicine Clerkship	3	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 will be assigned to a hospital for their third year core rotations and this clinical clerkship may be 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. Prerequisite: None. Credit 4.
CLIN 7311	3rd Year Longitudinal OMM	3	In this course, the student continues the training that occurs in first and second year, which is intended to reinforce the practice of osteopathic diagnosis and treatment in the clinical years. The student is expected to maintain the skills of musculoskeletal diagnosis and treatment, and hands on practice in clinical situations. The course will have a component of supervision by osteopathic community faculty and intermittent hands on sessions at the medical school run by the department of osteopathic manipulative medicine. Prerequisite: None. Credit 3.

CLIN 7313	4th Year Longitudinal OMM	4	In this course, the student continues the training that occurs in first, second and third year, which is intended to reinforce the practice of osteopathic diagnosis and treatment in the clinical years. The student is expected to maintain the skills of musculoskeletal diagnosis and treatment, and hands on practice in clinical situations. The course will have a component of supervision by osteopathic community faculty and intermittent hands on sessions at the medical school and at clinical sites run by the department of osteopathic manipulative medicine. Prerequisite: None. Credit 2.
CLIN 7410	Elective Clerkship - Adolescent Medicine		This clinical clerkship provides the student with the opportunity to gain experience in Adolescent Medicine. This rotation may be completed within an affiliated facility or practice in year four. This syllabus is for students selecting Adolescent Medicine as an elective. The student is expected to learn the diagnosis and treatment of adolescents appropriate for the specialty of Adolescent Medicine, including preventive services and risk counseling, normal development, interprofessional team based care, and transition of care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS Application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Anesthesiology		This course provides the student with experience in Anesthesiology. Students will be able to select a 4-week Anesthesiology elective in their third or fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the management of patients appropriate for the specialty of Anesthesiology, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Bariatric Surgery		This course provides the student with experience in Bariatric Surgery. Students will be able to select a 4-week Bariatric Surgery elective in their fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the diagnosis and treatment of surgical patients appropriate for the specialty of Bariatric Surgery, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - CV Surgery		This course provides the student with experience in Cardiovascular Surgery. Students will be required to take Elective Clerkships in third and fourth years and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the diagnosis and treatment of surgical patients appropriate for the specialty of Cardiovascular Surgery, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.

CLIN 7410	Elective Clerkship	4	This course is a clinical clerkship providing the student with the opportunity to gain experience in any specialty with approval. Students will be required to do one 4-week block in the third year and seven 4-week blocks in the fourth year. The clinical clerkships will be 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 patients appropriate for the selected specialty, including interprofessional team based care, outpatient care, hospital care, surgical care, and post hospital care and office care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Endocrinology		This course provides the student with experience in Endocrinology. Students will be able to select a 4-week Endocrinology elective in their third or fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the management of patients appropriate for the specialty of Endocrinology, including evaluation, lab diagnosis, diagnostic imaging, hospital and ICU care, post-hospital care and office based care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Hematology/Oncology		This course provides the student with experience in Hematology / Oncology. Students will be able to select a 4-week Hematology / Oncology elective in their third or fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the management of patients appropriate for the specialty of Hematology / Oncology, including evaluation, diagnostic imaging, principles of chemotherapeutics and immunotherapy, post hospital care and office based care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Maternal and Fetal Medicine		This clinical clerkship provides the student with the opportunity to gain experience in Maternal and Fetal Medicine. This rotation may be completed within an affiliated facility in year four. This syllabus is for students selecting Maternal and Fetal Medicine as an elective. The student is expected to learn the diagnosis and treatment of patients with high-risk and complicated pregnancies. Included in this experience, the student should participate in interprofessional team based care, inpatient care, outpatient assessments and plans for post hospital care and home based care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS Application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Neonatology		This clinical clerkship provides the student with the opportunity to gain experience in Neonatology. This rotation may be completed within an affiliated facility in year four. This syllabus is for students selecting Neonatology as an elective. The student is expected to learn the diagnosis and treatment of neonates appropriate for the specialty of Neonatology, including interprofessional team based care, inpatient care, and plans for post hospital care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS Application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.

CLIN 7410	Elective Clerkship - Osteopathic Neromuscular Medicine		This course is a clinical clerkship providing the student with the opportunity to gain experience in Osteopathic Neuromuscular Medicine. Students will have the opportunity to do a 4-week block in the 3rd or 4th year. The clinical clerkships will be 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 patients appropriate for Osteopathic Neuromuscular Medicine, including interprofessional team based care, outpatient care, hospital care when available and office care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Neurosurgery		This course provides the student with experience in Neurosurgery. Students will be able to select a 4 week Neurosurgery elective in their third or fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the diagnosis and treatment of surgical patients appropriate for the specialty of Neurosurgery, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Nuclear Medicine		This course provides the student with experience in Nuclear Medicine. Students will be able to select a 4-week Nuclear Medicine elective in their fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the management of patients appropriate for the specialty of Nuclear Medicine, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Occupational Medicine		This clinical clerkship provides the student with the opportunity to gain experience in Occupational Medicine. This rotation may be completed within the affiliated facility or physician office in year four. This syllabus is for students selecting Occupational Medicine as an elective rotation. Students should have experience in the office setting and at industrial and work sites. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Ophthalmology		This course provides the student with experience in Ophthalmology. Students will be able to select a 4-week Ophthalmology elective in their fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the diagnosis and treatment of patients appropriate for the specialty of Ophthalmology, including office evaluation, pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.

CLIN 7410	Elective Clerkship - Orthopedic Sports Medicine		This clinical clerkship provides the student with the opportunity to gain experience in Orthopedic Sports Medicine. This rotation may be completed within the affiliated facility in year four. This syllabus is for students selecting Orthopedic Sports Medicine as an elective rotation Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Pathology		This course provides the student with experience in Pathology. Students will be able to select a 4-week Pathology elective in their third or fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn clinical applications appropriate for the specialty of Pathology, including laboratory, diagnosis including gross and microscopic pathology and cytology. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Plastic Surgery		This course provides the student with experience in Plastic Surgery. Students will be able to select a 4-week Plastic Surgery elective in their third or fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the diagnosis and treatment of surgical patients appropriate for the specialty of Plastic Surgery, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Physical Medicine and Rehabilitation		This clinical clerkship provides the student with the opportunity to gain experience in Physical Medicine and Rehabilitation. This rotation may be completed within the affiliated facility in year four. This syllabus is for students selecting Physical Medicine and Rehabilitation as an elective rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Preventative Medicine		This course is a clinical clerkship providing the student with the opportunity to gain experience Preventive Medicine. Students will be provide with the opportunity to do one 4-week block in the fourth year. The clinical clerkships will be accomplished at an affiliated facility or preceptor. The student is expected to learn the diagnosis and treatment of patients appropriate for Preventive Medicine, including social medicine, public health, population health, interprofessional team based care and office care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Primary Care Sports Medicine		This clinical clerkship provides the student with the opportunity to gain experience in Primary Care Sports Medicine. This rotation may be completed within the affiliated facility in year four. This syllabus is for students selecting Primary Care Sports Medicine as an elective rotation. Students should have experience in the office setting and at sporting events. Prerequisite: None. Credit 4.

CLIN 7410	Elective Clerkship - Rheumatology		This course provides the student with experience in Rheumatology. Students will be able to select a 4-week Rheumatology elective in their fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the management of patients appropriate for the specialty of Rheumatology, including evaluation, lab diagnosis, diagnostic imaging, hospital care, post-hospital care, rehabilitation and office based care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Trauma Surgery		This course provides the student with experience in Trauma Surgery. Students will be required to take Elective Clerkships in third and fourth years and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the diagnosis and treatment of surgical patients appropriate for the specialty of Trauma Surgery, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7410	Elective Clerkship - Wound Care		This course provides the student with experience in Wound Care. Students will be able to select a 4-week Wound Care elective in their third or fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the management of patients appropriate for the specialty of Wound Care, including evaluation, diagnostic imaging, principles of wound healing, hospital and post hospital care and office based care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship - Cardiology	3, 4	This clinical clerkship provides the student with the opportunity to gain experience in Cardiology. This rotation may be completed within the assigned facility in year three and an affiliated facility in year four. This syllabus is for students selecting Cardiology as their medicine selective. The student is expected to learn the diagnosis and treatment of patients appropriate for the specialty of cardiology, including interprofessional team based care, outpatient care, hospital care, surgical care, and post hospital care and office care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation.
CLIN 7414	Medicine Selective Clerkship - Critical Care	3, 4	This clinical clerkship provides the student with the opportunity to experience critical care medicine for a medicine selective or an elective rotation. The elective clinical clerkships will be 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 patients appropriate for the selected specialty, including interprofessional team based care, outpatient care, hospital care, surgical care, and post hospital care and office care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.

CLIN 7414	Medicine Selective Clerkship - Dermatology		This clinical clerkship provides the student with the opportunity to gain experience in Dermatology. This rotation may be completed within the assigned facility in year three and an affiliated facility in year four. This syllabus is for students selecting Dermatology as their medicine selective. The student is expected to learn the diagnosis and treatment of patients appropriate for the specialty of Dermatology, including interprofessional team based care, outpatient care and surgical care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS Application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship - Gastroenterology		This clinical clerkship provides the student with the opportunity to gain experience in Gastroenterology. This rotation may be completed within the assigned facility in year three and an affiliated facility in year four. This syllabus is for students selecting Gastroenterology as their medicine selective. The student is expected to learn the diagnosis and treatment of patients appropriate for the specialty of Gastroenterology, including interprofessional team based care, outpatient care, hospital care, surgical care, and post hospital care and office care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS Application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship - Geriatrics		This course provides the student with experience in Geriatrics. Students will be able to select a 4-week Geriatrics selective in their third or fourth year and this clinical clerkship will be accomplished at an affiliated facility. The student is expected to learn the management of patients appropriate for the specialty of Geriatrics, including evaluation, lab diagnosis, diagnostic imaging, hospital care, post-hospital care, rehabilitation and office based care, as appropriate. An elective at a site not previously affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship - Hospitalist Medicine		This clinical clerkship provides the student with the opportunity to gain experience in Hospitalist Medicine. Students may complete a four-week blocks in the third or fourth year. These rotations will be accomplished at the assigned facility. The student is expected to learn the diagnosis and treatment of hospitalized patients on the inpatient services, 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. Hospitalist rotations may be accomplished with a family medicine or internal medicine physician preceptor, but must be hospital based. Patient demographics should reflect those of the preceptor's practice. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship - Infectious Disease		This clinical clerkship provides the student with the opportunity to gain experience in Infectious Disease. This rotation may be completed within the assigned facility in year three and an affiliated facility in year four. This syllabus is for students selecting Infectious Disease as their medicine selective. The student is expected to learn the diagnosis and treatment of patients appropriate for the specialty of Infectious Disease, including interprofessional team based care, outpatient care, hospital care, surgical care, and post hospital care and office care. An elective at a site not affiliated with SHSU-COM would need to be

			identified so that an affiliation agreement or VSAS Application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship	3,4	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. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship - Nephrology	3, 4	This clinical clerkship provides the student with the opportunity to gain experience in Nephrology. This rotation may be completed within the assigned facility in year three and any affiliated facility in year four. This syllabus is for students selecting nephrology as their medicine selective or elective. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship - Pulmonology	3,4	This clinical clerkship provides the student with the opportunity to gain experience in Pulmonology. This rotation may be completed within the assigned facility in year three and an affiliated facility in year four. This syllabus is for students selecting Pulmonology as their medicine selective or elective. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship - Radiology		This clinical clerkship provides the student with the opportunity to gain experience in Radiology. This rotation may be completed within the assigned facility in year three and an affiliated facility in year four. This syllabus is for students selecting Radiology as their medicine selective. The student is expected to learn the diagnostic and procedural skills appropriate for the specialty of Radiology, including the specialty's role in team based care, outpatient care, hospital care, surgical care, post hospital care and office care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement or VSAS Application can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7414	Medicine Selective Clerkship - Cardiology	3,4	This clinical clerkship provides the student with the opportunity to gain experience in Cardiology. This rotation may be completed within the assigned facility in year three and an affiliated facility in year four. This syllabus is for students selecting Cardiology as their medicine selective. The student is expected to learn the diagnosis and treatment of patients appropriate for the specialty of cardiology, including interprofessional team based care, outpatient care, hospital care, surgical care, and post hospital care and office care. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.

CLIN 7414	Medicine Selective Clerkship - Neurology		This clinical clerkship provides the student with the opportunity to gain experience in Neurology. This rotation may be completed within the assigned facility in year three and an affiliated facility in year four. This syllabus is for students selecting Neurology as their medicine selective or elective. Prerequisite: None. Credit 4.
CLIN 7415	Medicine Selective Clerkship - Orthopedic Surgery	3 or 4	This course provides the student with experience in orthopedic surgery. This course may be taken as a 4 week Surgery Selective or an elective in the third or fourth year at an affiliated facility*. The student is expected to learn the diagnosis and treatment of orthopedic patients, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. *An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7415	Surgery Selective Clerkship - Otolaryngology		This course provides the student with experience in Otolaryngology. Students will be required to take a 4 week Surgery Selective in each of their third and fourth years and this clinical clerkship will be 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 specialty of Otolaryngology, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7415	Surgery Selective Clerkship	3, 4	This course provides the student with experience in general or subspecialty surgery. Students will be required to take a 4 week Surgery Selective in each of their third and fourth years and this clinical clerkship will be 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. The student may choose from General Surgery, Bariatric Surgery, Neurosurgery, CT surgery, Orthopedics, Urology, Trauma Surgery, Pediatric Surgery, or Otolaryngology. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.
CLIN 7415	Surgery Selective Clerkship - Urology		This course provides the student with experience in Urology. Students will be required to take a 4 week Surgery Selective in each of their third and fourth years and this clinical clerkship will be 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 specialty of Urology, including pre-operative evaluation, intra-operative and post-operative care, post hospital care and office care, as appropriate. An elective at a site not affiliated with SHSU-COM would need to be identified so that an affiliation agreement can be put in place prior to the student beginning the rotation. Prerequisite: None. Credit 4.

