

Wichita Clinical Required Courses

Third Year Requirements

FCMD 950. Family Medicine Clerkship. 0-8 Credits.

During the clinical clerkship the student develops understanding of health maintenance and disease processes for patients throughout the lifespan from newborns to geriatric patients. Students will have the opportunity to gain an understanding of Family Medicine through patient interviews, physical examination, review of imaging and laboratory studies, and a variety of other educational experiences. This clerkship will expose students to management of patients in ambulatory and inpatient settings. There are two options for the patient care portion of the clerkship: rural placement and Wichita area placement. Prerequisite: Basic Sciences.

ICM 975. Issues in Clinical Medicine. 0 Credits.

This course is designed to promote the development of professional responsibility and medical ethics. Incorporated into the topics are medical ethical theory, skills of ethical decision making and recognizing personal and professional responsibilities and value identification. The one-hour sessions are held twice a month. All third year medical students are required to attend. Prerequisite: Medical Basic Sciences.

INMD 975. Internal Medicine Clerkship. 0-8 Credits.

During the clinical clerkship the student develops understanding of health maintenance and the spectrum of disease processes specific to adults. Students will have the opportunity to gain an understanding of Internal Medicine through patient interviews, physical examination, review of imaging and laboratory studies, development of assessments and plans, and a variety of other educational experiences. The clerkship will expose students to the management of general medicine and subspecialty medicine patients in both inpatient and outpatient settings including the Robert J Dole Veterans Affairs Hospital. Prerequisite: Medical Basic Sciences.

NROL 950. Neurology Clerkship. 4 Credits.

During the clinical clerkship, the student develops an understanding of the diagnosis and treatment of major neurological disorders. Students will have the opportunity to gain an understanding of Neurology through patient interviews, physical examination, review of imaging and laboratory studies, and a variety of other educational experiences. This clerkship will expose students to the management of patients with major neurological disorders in both inpatient and outpatient settings.

OBGN 975. Obstetrics/Gynecology Clerkship. 0-8 Credits.

During the clinical clerkship the student develops understanding of health maintenance and disease processes specific to female patients as well as exposure to normal and high-risk pregnancy. Students will have the opportunity to gain an understanding of Obstetrics and Gynecology through patient interviews, physical examination, surgery, review of imaging and laboratory studies, and a variety of other educational experiences. This clerkship will expose students to management of patients in both inpatient and outpatient settings as well as in the operating room, and labor and delivery unit. Prerequisite: Medical Basic Sciences.

PDRC 975. Pediatrics Clerkship. 0-8 Credits.

During the clinical clerkship the student develops understanding of health maintenance and disease processes specific to infants, children, and adolescents. Students will have the opportunity to gain an understanding of Pediatrics through patient interviews, physical examination, review of imaging and laboratory studies, development of assessments and plans,

and a variety of other educational experiences. This clerkship will expose students to management of general pediatric subspecialty patients in both inpatient and outpatient settings. Prerequisite: Medical Basic Sciences.

PSCR 950. Psychiatry Clerkship. 4 Credits.

During the clinical clerkship the student develops understanding of the diagnosis and treatment of major psychiatric disorders. Students will have the opportunity to gain an understanding of Psychiatry through patient interviews, physical examination with emphasis on the mental status exam, review of imaging and laboratory studies, and a variety of other educational experiences. This clerkship will expose students to management of patients with major psychiatric disorders at Ascension Via Christi Hospitals and the KU Department of Psychiatry Clinic. Prerequisite: Basic Sciences.

SGRY 975. Surgery Clerkship. 0-8 Credits.

During the clinical clerkship the student develops understanding of the diagnosis and treatment of surgical conditions including life-threatening conditions. Students will have the opportunity to gain an understanding of Surgery through patient interviews, physical examination, surgical procedures, review of imaging and laboratory studies, and a variety of other educational experiences. This clerkship will expose students to management of patients in both inpatient and outpatient settings as well as in the operating room. Prerequisite: Medical Basic Sciences.

Fourth Year Requirements

Rural Preceptorship (4)

A preceptorship of four weeks with a practicing physician in the state of Kansas is required for graduation. Students select one of the following options to fulfill the requirement.

RLMD 976. Rural Preceptorship: Family Medicine. 4 Credits.

The student will actively participate in the practice of a family physician in the state of Kansas. In addition, the student is asked to live in the rural community and explore the various roles a physician plays in the community. Experiences may include outpatient, inpatient, ER, maternity care, and performance of procedures under direct supervision of volunteer faculty in rural Kansas. Assignments for call are directed by individual faculty. Evaluation is based on assessment of clinical performance using the standard elective evaluation form. At the end of the Rural Preceptorship, the student will be able to describe the challenges and rewards of rural practice. Evaluation consists of clinical performance as assessed by the rural preceptor, and completion of a small project during the Rural Preceptorship.

RLMD 977. Rural Medicine in Internal Medicine. 4 Credits.

Rural Medicine in Internal Medicine is a four week clinical rotation during which each student works with a practicing Internal Medicine physician in the state of Kansas. Student will experience a one-to-one teaching/learning relationship in a private office (i.e., non-institutional) setting and will be exposed to both professional and non-professional aspects of the preceptor's family and social life in a non-tertiary care community environment. The student will perform a history and physical examination on each patient and will be responsible for writing daily progress notes on each assigned patient. Student will formulate diagnostic treatment and educational plans on each patient. The student will write orders after reviewing plans with attending physician. The student will also see patients in the emergency room and present them to the attending physician. The student will be involved in all procedures, such as treadmills, lumbar puncture, bone marrow biopsies, liver biopsies, upper GI endoscopy and flexible sigmoidoscopy on all assigned patients and other patients if appropriate. The student will be required to complete a

pass/fail reflective assignment questionnaire which must be turned in to the department and reviewed by the course director. Prerequisite: Senior standing and INMD 975.

RLMD 978. Rural Preceptorship - Pediatrics. 4 Credits.

Rural Medicine in Pediatrics is a four-week clinical rotation during which the student works with a board-certified pediatrician in the State of Kansas. Student will experience a one-to-one teaching/learning relationship in a private practice setting. Additionally, some students may experience hospital rounds with preceptor at the local hospital. Students will be exposed to both professional and non-professional aspects of the preceptor's family and social life in a community environment. Initially the student will see patients and take calls with the pediatrician. As the student progresses through the rotation, they may be given more autonomy in seeing patients. The student may write progress notes and learn to dictate discharge summaries. The student may also have opportunity to participate in a number of procedures such as lumbar punctures, umbilical artery catheter insertion, etc. Students may also assist in ambulance transfers from smaller communities. Prerequisite: Senior standing and PDRC 975.

RLMD 980. Rural Preceptorship: Obstetrics and Gynecology. 4 Credits.

Rural Preceptorship in Obstetrics and Gynecology is a four-week clinical rotation during which the student works with a practicing Obstetrician and Gynecologist in Kansas. The student will experience a one-to-one teaching/learning relationship in the rural setting and will be exposed to and explore both professional and non-professional aspects of the various roles a physician plays in the community. The student will participate in procedures in both ambulatory and hospital settings. Students may also assist in transfers from smaller communities. Evaluation consists of clinical performance as assessed by the rural preceptor and completion of a reflection assignment related to rural OBGYN. Prerequisite: Senior standing and OBGYN 975.

Subinternships (4)

The four-week subinternship gives medical students an opportunity to become more proficient in a specific area of medicine. They provide a more comprehensive course than that of the third-year required course. Students select one of the following options to fulfill the requirement.

FCMD 998. Subinternship in Family Medicine. 4 Credits.

The student will function as a subintern at one of the three KUSM-W sponsored family medicine residency programs - Ascension Via Christi or Wesley in Wichita or Smoky Hill in Salina. Experiences include evaluation of outpatients and inpatients, maternal and newborn care, and performance of procedures under direct supervision of residents and faculty. Assignments include in-hospital call as directed by the individual residency. Evaluation is based on assessment of clinical performance using the standard subinternship evaluation form. Prerequisite: FCMD 950.

INMD 998. Subinternship in Internal Medicine. 4 Credits.

This course is designed to give the student practical experience in the hospital care of general medicine patients and patient care at the intern or R1 level. Students will perform and dictate the initial history and physical, write orders, perform indicated procedures under the supervision of a senior resident and faculty attending, and dictate discharge summaries on patients. Students will take hospital call with the senior resident, attend scheduled rounds and conferences, and function as a member of the patient care team. Prerequisite: Medical Basic Sciences and INMD 975.

OBGN 998. Subinternship in Obstetrics and Gynecology. 4 Credits.

Students will function as a subintern in multiple clinical environments with supervised but advancing clinical responsibilities that will assist in preparation for internship. Two weeks will be spent the obstetrics units which will include one week of night call. That portion of the rotation includes coverage of emergency / unscheduled cesarean sections and Emergency Department coverage. One week includes surgical experience and floor rounds with the Gynecologic Oncology team. One week is spent in private practice clinic with the Program Director, Department Chairman or additional faculty members as determined by the department. The student will be evaluated through faculty judgment for general information, and degree of attainment of skills necessary for matriculation into the intern year in Obstetrics and Gynecology residency. It is anticipated the subintern should have achieved competency in the ACGME Level 1 milestones for Obstetrics and Gynecology by the completion of this rotation. Prerequisite: Medical Basic Sciences and OBGYN 975.

PDRC 998. Pediatric Subinternship. 4 Credits.

Students will participate in pediatric case management in a comprehensive manner to enhance their knowledge, skills, attitudes, and behaviors. This will enable them to demonstrate their increasing clinical capabilities as they progress toward residency. Students will gather an accurate history and physical in a prioritized, organized manner, with respect to the patient and tailored to the clinical situation and specific patient encounter. They will develop a logical prioritized differential diagnosis as the basis for informed decisions about diagnostic and therapeutic interventions. Students will synthesize and present an evidence-based plan of care for their patients. They will describe the indications, contraindications, risks and mechanics behind procedures pertinent to the discipline of the sub-internship. Students will recommend and interpret common diagnostic and screening tests and imaging required for the area of practice. Under senior resident and/or attending supervision, students will assume the care of patients not covered by the interns. This includes documentation of clinical encounters in the patient record. Additionally, under the senior resident and/or attending supervision, discuss and enter orders and prescriptions. Students while being supervised, will give or receive patient handover to transition care responsibility. Students will be expected to manage a case load of 1-3 patients per day. Students will be required to work both day and evening shifts. Prerequisite: PDRC 975 and senior standing.

PSCR 998. Subinternship in Psychiatry. 4 Credits.

This course is designed to expand the student's experience in general psychiatry by having them assume supervised, clinical responsibility equivalent to that of an intern or PGY-1 resident. Students will perform and dictate initial history and physical examinations, formulate diagnoses and treatment plans, write orders to be reviewed and countersigned, dictate discharge summaries, participate in the evaluation and intervention of psychiatric emergencies, attend scheduled rounds, conferences, and PGY-1 didactics. Prerequisite: PSCR 950, INMD 975, SGRY 975, senior standing.

SGRY 998. Subinternship in Surgery. 4 Credits.

The student will learn to work up patients with elective surgery, acute surgical abdomen, or GI bleeding, perform fundamental diagnostic and therapeutic procedures, and assist in certain endoscopies. The student will present a patient's clinical problems in a clear and concise manner. The student will be a part of a surgical team consisting of the attending surgeon and the senior and junior surgical residents. He/she will work up patients with the junior surgical resident and be reviewed by the attending surgeon and senior surgical resident. He/she will make daily rounds with the surgical team, scrub on all surgical procedures on his/her patients, and attend all conferences required of surgical residents (consultant rounds, surgical grand rounds, etc.). He/she will assist in the operation, attend clinics and minor surgery clinics. The student will

work up approximately one new patient per day. Evaluation will be based on patient workups, technical skills, rapport with patient, paramedical personnel, and surgical team. Prerequisite: SGRY 975, INMD 975, and senior standing.

Critical Care (4)

The four-week critical care selective presents the knowledge, skills, and attitudes required to care for very ill hospitalized patients. This allows the student to focus on an interest in a particular specialty and ensures that all students have basic knowledge and skills in critical care. Students select one of the following options to fulfill the requirement.

CCSL 977. Critical Care Selective in Neonatology. 4 Credits.

This course is an overview of neonatal medicine. The student will develop skills and conceptual knowledge of newborns and premature infants.

The student will also attend x-ray conferences weekly, literature review, service rounds twice daily, pediatric grand rounds weekly, and neonatal mortality review, as well as care for infants with special emphasis on NIVU, NSCU and Continuing Care Nurseries. Prerequisite: Senior standing.

CCSL 978. Critical Care Selective in Pulmonary.. 4 Credits.

The student will learn the essentials of a comprehensive history, physical exam and interpretation of chest x-rays for the patient with pulmonary disease. The student will also learn the use and basic interpretation of pulmonary function testing, cardiopulmonary exercise testing, plus other laboratory information important to pulmonary disease (sputum assessment, ABG, scanning, pulmonary artery catheterization data, etc). Emphasis will be focused toward the patient in respiratory failure for diagnosis and ventilator management. Prerequisite: Senior standing.

CCSL 979. Critical Care Selective in Pediatrics. 4 Credits.

This elective experience has been designed as a one-month rotation in the pediatric intensive care unit at Wesley Medical Center. Care will be provided to critically ill patients from the neonatal period through adolescence. During this rotation the student will receive exposure to many pediatric critical care subjects and will be expected to demonstrate an understanding of those processes during bedside rounds, in lectures, and during actual patient care. The student will participate in the educational endeavors of the critical care service, including lectures to other students and allied critical care staff (Mid-levels, Nurses, RT; etc.) The student will be expected to give brief presentations on topics that are identified during patient care. Prerequisite: Senior standing.

CCSL 980. Critical Care Selective in Burn. 4 Credits.

Student will be provided hands-on experience in burn management and critical care. Student will make daily rounds, assist in surgery, and participate in pre-operative and post-operative care of patients admitted to the burn unit. Student will be supervised by faculty and residents. Prerequisite: Senior standing.

CCSL 981. Critical Care Selective in Internal Medicine. 4 Credits.

The critical care rotation will aim to provide educational opportunities to acquire knowledge of and to develop clinical competence in the field of critical care medicine. The student will learn interpretation of CXR's, EKG's, Lab/Hemodynamic data and ventilator management. The student will participate in daily morning and evening rounds, and observe and be involved in ICU procedures. The student will be exposed to the many ethical issues of critical care illness. Emphasis will be on formulation of differential diagnosis and therapeutic plan. Prerequisite: Senior standing.

CCSL 983. Critical Care Selective in Trauma. 4 Credits.

The student will learn the care of surgical patients who have experienced blunt and penetrating traumas. Student will be assigned to the trauma service and work with a critical care resident. Student will develop

trauma evaluation skills by participating in trauma patient work-ups in the emergency room. Student will assist in surgery and participate in hospital rounds for trauma patients in the Surgical Intensive Care Unit. Student will also develop diagnostic skills in the ambulatory care setting and attend surgical conferences. Prerequisite: Senior standing.