Wichita Clinical Required Courses

Third Year Requirements

**FCMD 950. Family Medicine Clerkship. 0-8 Credits.**
Students are introduced to the principles and practice of family medicine. They spend the majority of their time participating in the practice of a private family physician where they evaluate patients under direct supervision and recommend management. This practice experience is enhanced by case-based seminars and skills-based workshops with faculty and hospital call with family medicine residents. Evaluation is based on assessment by clinical supervisors, projects, the Observed Structured Clinical Examination (OSCE), and the NBME Family Medicine Subject Exam. Prerequisite: Medical 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.**
Students are assigned two four-week blocks on university general medicine services. Students are expected to acquire basic clinical skills in medicine: interview and examine patients, complete databases and clinical problem assessments, write progress notes and give bedside presentations on daily rounds, and demonstrate accountability for ward duties and patient data. Rounds with visiting professors, KUSM-W Grand Rounds, and medicine case conferences supplement regularly scheduled tutorial sessions and daily ward rounds. Students receive instruction in basic skills, i.e., ECG, chest X-ray, blood count, body chemistry interpretation. Grades are based on ward work, a written history and physical and bedside practical exam (both pass/fail), Observed Structured Clinical Examination (OSCE) and National Board subject examination scores. Prerequisite: Medical Basic Sciences.

**NROL 950. Neurology Clerkship. 4 Credits.**
The required four-week Neurology clerkship is intended to familiarize students with the diagnosis and treatment of major neurological disorders. Effective interviewing and diagnostic skills, and competent performance of the neurological examination are emphasized. Students have an active closely supervised role in the diagnosis and treatment of both hospitalized and ambulatory patients. Clinical experience is accompanied by a didactic schedule of lectures, seminars, and practical-interactive learning sessions.

**OLOGINObGYN 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 female anatomy through physical examination, surgery and review of imaging. 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.**
The student will spend approximately 60 percent of the time on pediatric wards taking pediatric medical histories, physical examination of children and infants and making ward rounds with attendings and house staff. Approximately 40 percent of the student’s time will be spent in ambulatory pediatrics in general specialty clinics and in the offices of practicing pediatricians. Time will be spent in the newborn nursery. Prerequisite: Medical Basic Sciences.

**PSCR 950. Psychiatry Clerkship. 4 Credits.**
The required four-week basic Psychiatry Clerkship is intended to familiarize students with the diagnosis and treatment of major psychiatric disorders. Effective interviewing and diagnostic skills, and competent performance of the mental status examination is emphasized. Students have an active closely supervised role in the diagnosis and treatment of both hospitalized and ambulatory patients. Clinical experience is accompanied by a didactic schedule of lectures, seminars, and practical-interactive learning sessions. Prerequisite: Basic Sciences.

**SGRY 975. Surgery Clerkship. 0-8 Credits.**
This course offers the student an introduction to the surgical management of disease. Students are assigned to one of the several surgical services, where they participate fully in diagnosis, operation, and management of patients with a wide range of surgical diseases. Clinical conferences, seminars, ward rounds, and case studies supplement the clinical experience. Students participate directly in patient care on the ward, as well as in the outpatient department and operating room. Emphasis is placed on the understanding of alterations in physiology secondary to trauma, management of fluids and electrolytes, basic elements of pre- and post-operative care, and understanding diseases amenable to surgical treatment. 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 each student works with a practicing pediatrician in the State of Kansas. Student will experience a one-to-one teaching/learning relationship in a private practice (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 community environment. Initially the student will see patients and take calls with the pediatrician. Later in the month, the student will be given some independence seeing patients. The student may write progress notes and learn to dictate discharge summaries. The student will also 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 OBGN 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 KUSMW 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 OBGN 975.

PDRC 998. Pediatric Subinternship. 4 Credits.
The student will participate in pediatric case management in a greater comprehensive manner than that of the general pediatric student curriculum. The student will be assigned to a pediatric resident and will participate in the clinical case load of the assigned resident. He/she will be expected to gather and analyze data as pertaining to the assigned pediatric care load. The student will perform physicals and dictate histories on assigned patients where permitted. Case load will be 1-3 patients per day. The student will formulate plan of management with written orders to be reviewed and countersigned by resident and faculty, perform indicated procedures under supervision, and dictate discharge summary of assigned patients where permitted. He/she will take call and attend scheduled rounds, pediatric clinics, and conferences with supervising resident. Evaluation will conform to the clinical assessment utilized for pediatric resident. Assessment of performance will be done jointly by supervising resident and faculty member. 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 responsibilities 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 newborn 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 convey 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 such as nurses and respiratory therapists. 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.