

Family And Community Medicine (F_C_MD)

F_C_MD 6001: Family Medicine Clerkship

Core learning experiences take place in ambulatory clinic settings. Students work with experienced clinicians and senior residents, spending time in University teaching practices and in community-based practices. Students also may spend time seeing patients in emergency room, hospital, nursing home settings and taking call with residents and practicing physicians. A high volume of patients of all ages with a wide range of problems is encountered. Many patients will have undifferentiated problems.

Credit Hours: 8

F_C_MD 6011: Rural Family Medicine Clerkship

Rural Family Medicine Clerkship

Credit Hours: 8

F_C_MD 6021: Springfield Family Medicine Clerkship

Core learning experiences take place in ambulatory clinic settings. Students work with experienced clinicians and senior residents, spending time in University teaching practices and in community-based practices. Students also may spend time seeing patients in emergency room, hospital, nursing home settings and taking call with residents and practicing physicians. A high volume of patients of all ages with a wide range of problems is encountered. Many patients will have undifferentiated problems.

Credit Hours: 8

Prerequisites: successful completion of the first two years of medical school

F_C_MD 6036: SCC Palliative Care Elective

Students will learn a multidisciplinary approach to the care of the palliative care patient while working in a variety of clinical settings. This is an inpatient and outpatient experience in a variety of settings that represent different levels and types of care available to people with a terminal condition. Each week students will work with palliative care physicians at either Cox or Mercy Palliative Care Service and/or a Hospice agency. Students will have the opportunity to see patients undergoing palliative care assessment and observe nursing staff and professional therapy staff in their work with patients and families. Students will participate in various palliative care- related conferences. Students will participate in inpatient palliative care services as well as outpatient palliative care clinics. The student will work with faculty in the Departments of Family and Community Medicine as well as Internal Medicine.

Credit Hours: 5

Prerequisites: Successful completion of 5 of 7 core clerkships, one of which must be either Family Medicine or Internal Medicine. IN_MED 6002, IN_MED 6012, IN_MED 6022, or IN_MED 6102. F_C_MD 6001, F_C_MD 6011, F_C_MD 6021, or F_C_MD 6101

F_C_MD 6048: SCC Rural Family Medicine Selective

The selective is designed for self-motivated students interested in rural primary care, who are willing to explore a variety of outpatient clinical and community experiences. During this block, students will primarily be working with a faculty member in an outpatient Mercy or Cox Family Medicine Clinic in Southwest Missouri. Up to a 50 mile commute from Springfield may be required. There may be opportunities to participate in the care of patients in a variety of settings including nursing home visits, home visits, and urgent care. There will be the opportunity to participate in the care of patients in all life stages (pregnancy, pediatrics, geriatrics) as well as participate in office based procedures. To gain a better understanding of community resources and needs, students will visit local agencies such as the County Health Department, WIC, Parents as Teachers, the public school system, the Chamber of Commerce, or other community resources as identified by the student and faculty. Students will also spend time with the front office, nursing, and laboratory staff to learn about practice management. During this month, students will work on a scholarly project to improve patient care and present this educational topic to the faculty and staff at the clinic.

Credit Hours: 5

Prerequisites: Successful completion of the first two years of medical school. Successful completion of five of the seven core clerkships. One of the five must be the Family Medicine Clerkship

F_C_MD 6049: SCC Palliative Care Selective

This is an inpatient and outpatient experience in a variety of settings that represent different levels and types of care available to people with a terminal condition. The student will be expected to function at a sub-intern level and will be expected to document advance care planning and lead discussions with patients and their families. Each week students will work with palliative care physicians at either Cox or Mercy Palliative Care Service and/or a Hospice agency. Students will have the opportunity to see patients undergoing palliative care assessment and observe nursing staff and professional therapy staff in their work with patients and families. Students will participate in various palliative care- related conferences. Students will participate in inpatient palliative care services as well as outpatient palliative care clinics. The student will work with faculty in the Departments of Family and Community Medicine as well as Internal Medicine.

Credit Hours: 5

Prerequisites: Successful completion of the first two years of medical school as well as five of the seven core clerkship. Two of the five must be the Medicine Clerkship and Family Medicine Clerkship

F_C_MD 6051: SCC Primary Care Dermatology 4WK Elective

Students participate in the evaluation of patients with skin disease Primary Care Outpatient clinic. Students will also complete the American Academy of Dermatology online student modules designed for a 4

week curriculum and the self-evaluation that is provided. Students will gain knowledge and demonstrate comprehension of a breadth of basic general dermatologic diseases. They will care for adults and pediatric patients as well as review supplied photographs for supplementation to develop their clinical diagnostic skills. The rotation is designed to provide the medical student with a broad general base in clinical dermatology for the non-dermatologist.

Credit Hours: 5

Prerequisites: Successful completion of the Family Medicine clerkship. Faculty approval is required of all Springfield electives

F_C_MD 6058: FM Federally Qualified Health Center(FQHC) Clinical Experience

This course is designed for self-motivated students interested in working in underserved (rural or urban) settings. Students will work with physicians at a Federally Qualified Health Center (FQHC) in Missouri. The primary mission of FQHCs is to enhance primary care services in underserved urban and rural communities. Coordinating with the FQHC's medical director (or designee), the student will develop a schedule of activities including items from the educational opportunities listed below. At least 50% of the student's time should be in patient care-related activities.

Credit Hours: 5

Prerequisites: Successful completion of the first two years of medical school and the family medicine clerkship

F_C_MD 6061: LINC Family Medicine Clerkship

A Longitudinal Integrated Clerkship (LINC) includes medical students in patient care over time, allowing enduring learning relationships to develop with patients and physician-teachers. Students will meet required core clinical competencies in multiple disciplines through interleaved, longitudinal experiences over the course of the clinical training year. In contrast to a block curriculum, students meet and follow their patients across multiple settings of care and different disciplines.

Credit Hours: 8

F_C_MD 6101: Remediation Family Medicine Clerkship

Enrolled students are those who received an unsatisfactory grade in a Family Medicine Clerkship at any Mizzou Med location or site. This course allows them the opportunity to rectify a deficiency.

Credit Hours: 8

Prerequisites: F_C_MD 6001 Family Medicine Clerkship, received unsatisfactory grade

F_C_MD 6121: Remediation of Springfield Family Medicine Clerkship

Students rotate on the obstetric service, the gynecology service and the gynecologic oncology service, seeing a broad range of patients in both

inpatient and outpatient settings. In addition, they attend lectures and interactive case presentations.

Credit Hours: 8

Prerequisites: successful completion of the first two years of medical school

F_C_MD 6161: LINC Remediation Family Medicine Clerkship

Remediation of LINC Family Medicine clerkship.

Credit Hours: 8

F_C_MD 6253: ABS Family and Community Medicine Research

ABS Family and Community Medicine Research

Credit Hours: 5

F_C_MD 6475: Family Medicine Elective (FP Orientation)

This elective is for Integrated Residents in the Department of Family and Community Medicine only. Two core clinical rotations are required, including Family Medicine Clerkship. During this one year longitudinal experience, Integrated Residents will work closely with senior residents and faculty members to enhance the knowledge and skills needed to care for patients in a comprehensive family medicine continuity clinic. Integrated Residents are required to attend orientation activities during 15A. Regular attendance to Wednesday departmental Grand Rounds and Tuesday afternoon Resident Seminars is also expected.

Credit Hours: 5

F_C_MD 6477: Family Medicine Elective Preceptorship

May be available as a rural offsite elective: contact the MU-AHEC Coordinator. Goals/Objectives: During this elective the student works closely with a family physician in private practice. Students both observe the preceptor's patient encounters and take primary responsibility for several patients each day, discussing diagnosis and formulating management plans with supervision by the preceptor. The Preceptorship also provides opportunities not available elsewhere in the medical school curriculum, including seeing the patient's illness in its context, assessing a community's health care system, and learning about practice management. Evaluations: Evaluation of the student is based on the preceptor's evaluation and comments. Notes: Site must be pre-approved by the Course Director.

Credit Hours: 5

Prerequisites: Students should have completed at least two clinical blocks, plus the Family Practice Clerkship

F_C_MD 6483: Preventive/Community Medicine

Preventive/Community Medicine

Credit Hours: 5

F_C_MD 6485: Geriatrics-Family and Community Medicine Elective

Goals/Objectives: This is an outpatient experience in a variety of settings. Each week students will: 1. Work with Dr. David Cravens and other health care providers at Lenoir Village, Lenoir Manor, Lenoir Health Care and Maplewood Apartments. These all represent different levels and types of care available to elders. a. Students will develop an understanding of the available care and residential options that elders utilize. 2. Work with several geriatricians in the SAGE Clinic and/or Geriatrics Clinic at Green Meadows. a. Students will improve their understanding of care of elders in the outpatient setting. b. Students will also see patients undergoing geriatric assessment and thus develop a better understanding of the multidisciplinary approach to geriatric assessment. 3. Additional experiences may be arranged depending on the student's interests. 4. Participate in the various conferences related to geriatrics. Evaluations: Final evaluation will be determined by the attending physicians supervising the student during the block.

Credit Hours: 5**Prerequisites:** Must have completed all core clerkships

F_C_MD 6486: Evidence Based Medical Writing in Family Medicine

Student will co-author a draft of an evidence-based article under the supervision of FCM faculty with evidence-based writing experience. Before writing begins, students complete an evidence-based medicine curriculum using online modules. FCM integrated residents will also participate in a departmental editorial review session.

Credit Hours: 5**Prerequisites:** restricted to 4th year medical students

F_C_MD 6487: Family and Community Medicine Palliative Care Elective

This is an inpatient and outpatient experience in a variety of settings that represent different levels and types of care available to people with terminal condition.

Credit Hours: 5**Prerequisites:** F_C_MD 6001; restricted to 4th year medical students

F_C_MD 6488: Family Medicine Outpatient Elective

Students will have the opportunity to work with two to four Family Medicine physicians at one of our UMHC Family Medicine clinics (South Providence Medical Building, Keene Family Medicine clinic, Smiley Family Medicine clinic, Ashland Family Medicine clinic, Callaway physicians, Fulton Family Health, or Fayette Medical clinic). Students will be paired with two to four faculty members or senior FM residents and will be responsible for seeing patients in the outpatient setting. Duties include obtaining appropriate history and performing a physical exam, medical decision making, patient education, documenting a clinic encounter, patient follow up after the visit, and reading about common acute and chronic illnesses seen in Family Medicine). If the preceptor participates

in patient care in the hospital or nursing home, the student will have the opportunity to participate in hospital rounds or nursing home/hospice care.

Credit Hours: 5**Prerequisites:** Successful completion of three of the seven core clerkships including Family Medicine

F_C_MD 6681: Bothwell Rural Training Track Family Medicine Selective

During this family medicine selective, the student functions as a member of the Bothwell Family Medicine Department, responsible for providing care to Family Medicine patients in the hospital, clinic, labor and delivery, as well as the nursing home if scheduling allows. The team student will be assigned to an attending and a resident, and duties will depend on patient census and clinic volumes. A typical day will include rounding daily and the student will assume responsibility, under supervision, for the care of some patients. Rounding will include adult inpatients including ICU, obstetric, and newborn care. Anticipate having afternoon clinic many of the days. Each student will have 6-7 nights of call including weekend days. Each will be responsible for providing care, with supervision, to patients admitted while they are on call. Students may also follow their patients after discharge, seeing them in follow-up at the clinic as indicated. Students will also have exposure to ambulatory family medicine. Each student will work closely with one of the third-year residents at the Bothwell Family Medicine Clinic.

Credit Hours: 5**Prerequisites:** Successful completion of five of the seven core clerkships. One of the five must be the family medicine clerkship. Approval from offsite faculty

F_C_MD 6775: Family Medicine Preceptorship - Rural
Family Medicine Preceptorship - Rural**Credit Hours:** 5

F_C_MD 6777: Rural Health Policy and Legislative Advocacy

Elective content will focus on the intersection of rural medicine, health policy, and legislative advocacy. Course Goals: 1) To inform and educate students about rural health policy issues at the local, state, and national levels. 2) To train medical students to be informed advocates of rural health policy issues at the local, state, and national levels. To apply, medical students must complete the Rural Track Elective Application posted on the MU AHEC website <http://medicine.missouri.edu/ahec/rural-track-elective.html>. In the notes section of the application, the student must document a rationale for applying for this course. (Maximum length - 1 paragraph).

Credit Hours: 5**Prerequisites:** M4 status. Applicants must complete either the Rural Track Summer Community Program or the Rural Track Clerkship Program prior to enrollment. Students will share first-hand experiences from rural track placement(s) with legislators to advocate for the MU

Rural Track Pipeline Program and to influence rural health policy in Missouri

F_C_MD 6875: Family Medicine Onsite Externship

Goals/Objectives: The student who is on the onsite track of the externship will be a member of the Family Practice Inpatient Team that is responsible for providing care to Family Practice patients in the hospital. The team consists of an attending, physician, two third-year residents, and two or three first-year residents. The student will be expected to function as a member of the team, attending rounds on a daily basis and assuming responsibility, under supervision, for the care of some of the patients. Each student will have 4-5 nights of call including weekend days. Students will be responsible for providing care, with supervision, to those patients admitted while they are on call. Students will also be expected to follow their patients after discharge, making home visits or nursing home visits and seeing them in follow-up at the clinic as indicated. Students will also have exposure to ambulatory family medicine. Each student will work closely in the clinic with one of the third-year residents assigned to the inpatient team. The student will attend each of the resident's clinics whether they are at Green Meadows, Fulton, or Fayette.

Credit Hours: 5

Prerequisites: Students should have completed at least two clinical blocks, plus the Family Practice Clerkship

F_C_MD 6876: Family Medicine Offsite Externship

Several different types of experiences are available for the offsite track of the externship. Students have the opportunity to work at selected Indian Health Service sites that provide the appropriate mix of inpatient and outpatient experiences. A list of these IHS sites and the students' evaluations are available in the course office. These offer high volume and high levels of responsibility. Planning needs to begin early in the third year. Offsite externship experiences are also available in certain community-based family practices and in certain family practice residency programs. A list of pre-approved sites is available in the course office. All of the sites available for the offsite experience have been carefully selected by the faculty based on previous experiences of fourth-year students. These sites offer an appropriate level of patient care responsibility with supervision. Offsite practices need to be approved in advance by the course director and often require planning 6 to 12 months in advance. Students considering offsite rotations will be expected to have a clear idea of how these experiences will offer unique advantages to their personal and professional development, and how they will meet the course criteria. Many offsite locations used in the past for the Family Medicine Clerkship will not satisfy the externship requirement. They still offer excellent experiences and could be taken as electives. Students on the offsite track will be evaluated with respect to their ability to collect, process, and analyze information, engage in clinical reasoning, and formulate appropriate diagnoses and treatment plans. Sites must be pre-approved by the Course director.

Credit Hours: 5

F_C_MD 6877: Rural Family Medicine Elective

Rural Family Medicine Elective

Credit Hours: 5

F_C_MD 6878: Family Medicine Maternity Care-Advanced Selective

Family Medicine Maternity Care-Advanced Selective

Credit Hours: 5

F_C_MD 6879: Palliative Care Selective

This is an inpatient and outpatient experience in a variety of settings that represent different levels and types of care available to people with a terminal condition. Each day the student will work directly with palliative care physicians, as well as the rest of the multidisciplinary team, as part of the University Hospital Supportive and Palliative Care Service. They will also have the opportunity to work with a medical director of a local Hospice agency, who is a faculty member of the University of Missouri. Students will be expected to function as a member of the Palliative Care Team. Students will have the opportunity to actively participate in the assessment and care of patients under the direction of the Palliative Care Interdisciplinary team. Students will work alongside palliative care attending physicians, nursing staff, social workers, and pastoral care team members in their work with patients and families. Students will participate in various palliative care-related conferences including Interdisciplinary Team Meetings, didactics, patient remembrance and memorial services, self-care rounds, monthly team business meetings and the monthly Palliative Care hospital committee meeting. Additional experiences will include outpatient palliative care clinics at Ellis Fischel, bi-weekly community Hospice Interdisciplinary team meetings, patient home assessments and nursing visits with hospice staff, and completion of an oral presentation to the Palliative Care Team as part of their assessment and evidence of mastery of course objectives.

Credit Hours: 5

Prerequisites: Fourth year medical student. Must have completed 6 of the 7 core clerkships

F_C_MD 6905: SCC Primary Care Dermatology 2-week Elective

This curriculum is designed to introduce the student to common dermatologic issues that are encountered in a primary care practice location. Students will also complete the American Academy of Dermatology online student modules designed for a 2 week curriculum and the self-evaluation that is provided. Students will gain knowledge and demonstrate comprehension of a breadth of basic general dermatologic diseases. They will care for adults and pediatric patients as well as review supplied photographs for supplementation to develop their clinical diagnostic skills.

Credit Hours: 2

Prerequisites: Successful completion of the first two years of medical school

F_C_MD 6906: Breastfeeding and Lactation Family Medicine Elective 2WK

Students will work with breastfeeding medicine physicians, NP/IBCLCs, and RN/IBCLCs in a variety of outpatient settings, as well as complete self-study activities from a provided list of required reading.

Credit Hours: 2

Prerequisites: Successful completion of the first two years of medical school

F_C_MD 6928: Primary Care Sports Medicine Elective

Students will work with a multi-disciplinary sports medicine team, providing hands on clinical services in an outpatient setting. Participants will gain experience working with primary care sports medicine physicians, orthopedic surgeons, physical therapists and cast technicians.

Credit Hours: 2

Prerequisites: successful completion of the first two years of medical school

F_C_MD 6967: Springfield Elective FM Maternity Care 2Wk

To increase students' knowledge and awareness of family medicine practice with a specific emphasis on continuity of care in obstetrical care. Students will integrate previously acquired knowledge and concepts and apply them to management of the family medicine patient on the family medicine obstetrics and inpatient services, and in family medicine outpatient clinic settings.

Credit Hours: 2

Prerequisites: Successful completion of the first two years of medical school

F_C_MD 7310: The Health Care System

Overview of health care system and relationship between its components. Focuses on changing nature of the system and issues confronting the future health care system.

Credit Hours: 3

Prerequisites: instructor's consent

F_C_MD 7350: Special Readings in Community Health

Extensive reading and critical analysis of classical and current studies in selected areas of community health.

Credit Hour: 1-3

Prerequisites: instructor's consent

F_C_MD 7400: Problems in Community Health

Intensive study of an area of community health.

Credit Hour: 1-3

Prerequisites: instructor's consent

F_C_MD 8410: Principles and Practices in Medical Education

An examination of the past and present influences on the education of physicians, the application of adult education principles and the future approaches to medical education.

Credit Hours: 3

Prerequisites: instructor's consent

F_C_MD 8411: Learning Strategies in Preclinical & Clinical Educ. of Physicians

Examination of curricular strategies in preclinical and clinical education of medical students and graduate medical education. Emphasis will be placed on different types of instructional strategies.

Credit Hours: 3

Prerequisites: instructor's consent

F_C_MD 8420: Principles of Epidemiology

Examines methods of study of disease frequency and distribution in populations. Utilizes small group discussions for understanding of current medical literature.

Credit Hours: 3

Prerequisites: instructor's consent

F_C_MD 8422: Clinical Research Methods I

Principles of designing, implementing and reviewing research in the health sciences.

Credit Hours: 3

F_C_MD 8423: Clinical Research Methods II

This is a continuation of the Clinical Research Methods I (CRM_I) introductory course on the multi-method approach to clinical research. Similar to the previous course, it covers both quantitative and qualitative research methods, but includes advanced applications.

Credit Hours: 3

F_C_MD 8424: Comparative Effectiveness Research

Advanced research class that presents a framework for analyzing observational studies and randomized trials for comparative effectiveness. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Two recent semester-length courses in statistics such as NURSE 8020 or STAT 2500 or above; Working knowledge of managing and analyzing data in SPSS or SAS; Research methods; or consent of instructor

Recommended: One semester of epidemiology is strongly recommended

F_C_MD 8425: Participatory Approaches for Health and Health Systems

(same as NURSE 8425). Focuses on the use of participatory approaches for the design of health and health-system interventions. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: NURSE 8100 or F_C_MD 8420 or instructor consent

F_C_MD 8430: Applications of Evidence-Based Medicine I

Students will participate in editing, presentation and publication of evidence-based reviews of current medical literature.

Credit Hours: 3

Prerequisites: instructor's consent

F_C_MD 8431: Applications of Evidence-Based Medicine II

Students will participate in editing, presentation and publication of evidence-based reviews of current medical literature.

Credit Hours: 3

Prerequisites: instructor's consent

F_C_MD 8450: Research in Community Health

Original research in community health not leading to a thesis but requiring a formal research report.

Credit Hour: 1-99

F_C_MD 8491: Field Experience in Family and Community Medicine

Supervised teaching experience in the preclinical, clinical, and residency programs.

Credit Hour: 1-6

Prerequisites: instructor's consent
