## 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, 6012, 6022, or 6102. F_C_MD 6001, 6011, 6021, or 6101

### 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 6251: ABS Evidence Based Medicine
ABS Evidence Based Medicine

**Credit Hours:** 5

### F_C_MD 6253: ABS Family and Community Medicine Research
ABS Family and Community Medicine Research

**Credit Hours:** 5-10

### F_C_MD 6255: ABS Family and Community Medicine Research and Review
ABS Family and Community Medicine Research and Review

**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 6479: Family and Community Medicine Research
Family and Community Medicine Research

**Credit Hours:** 5
F_C_MD 6481: Clinical Nutrition
Clinical Nutrition
Credit Hours: 5

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 Preceptorship - Rural
Family Medicine Preceptorship - Rural
Credit Hours: 5

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

F_C_MD 6776: RURAL FAMILY MED ELECT
Rural Family Medicine Elective
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 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 6929: Rural Family Medicine Elective Two-Week
The student will work with Callaway Physicians attending and resident
physicians primarily in the clinic setting to experience primary care
delivered in the rural setting. During this time the students will have
opportunities to participate in patient care in the clinic, procedures
including minor dermatologic procedures, colposcopy, splinting, OB non
stress testing and fetal heart monitoring, cardiac treadmill stress testing,
and other procedures as available. Rotation length is two weeks.

Credit Hours: 2
Prerequisites: successful completion of the first two years of medical
school

F_C_MD 7001: Topics in Family and Community Medicine
Selected topics of interest related to family and community medicine.

Credit Hours: 3
Prerequisites: Understanding of research methods, statistics (basic) and
graduate, post graduate or instructor' consent

F_C_MD 7300: Problems Community Health Medicine Practice
Directed exploration of community health problems.

Credit Hour: 1-3
Prerequisites: instructor's consent

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 Community Health Medicine Practice
Directed exploration of community health problems.

Credit Hour: 1-3
Prerequisites: instructor's consent

F_C_MD 7490: Research in Community Health
Independent investigation of some problem in community health to be
presented as a thesis. Graded on a S/U basis only.

Credit Hour: 1-99

F_C_MD 7492: Field Experience in Community Health Education
Field practice in a selected community setting under faculty or other
competent supervision.

Credit Hour: 1-99
Prerequisites: Restricted to students specializing in community health
education; consent of community health education faculty
F_C_MD 7750: Physical Function and Older Adults  
(same as ARCHST 7640, HMI 7750, H_D_FS 7750, NURSE 7750, P_HLTH 7750, and SOC_WK 7752). This course takes an interdisciplinary approach to understanding and improving the physical function and independence of older adults and explores approaches to alleviate disabling conditions that interfere with physical function and quality of life in old age. Graded on A-F basis only.  
Credit Hours: 3

F_C_MD 7751: Psychosocial Function and Older Adults  
(same as ARCHST 7650, HMI 7751, H_D_FS 7751, NURSE 7751, P_HLTH 7751 and SOC_WK 7751). This course takes an interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A/F basis only.  
Credit Hours: 3

F_C_MD 8330: Statistical Aspects of Public Health  
Classification and summarization of data used in public health practice and research. Probability, sampling, hypothesis testing. Correct and incorrect use of statistics in the literature.  
Credit Hours: 3
Corequisites: concurrent registration in F_C_MD 8420 or 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 8421: Clinical Epidemiology/Evidence Based Medicine  
(same as V_PBIO 8421). Advanced epidemiologic theory and methods in the study and control of infectious and noninfectious diseases.  
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