

- 890 Independent Study**  
Fall, Spring, Summer. 1 to 5 credits. A student may earn a maximum of 9 credits in all enrollments for this course.  
Individual study of selected topics with faculty guidance.
- 892 Seminar in Family and Child Ecology**  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.  
Selected content in family relationships, family economics, human development in the family, community services, or programs for children and families.
- 894 Laboratory and Field Experience**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open only to graduate students in the Department of Family and Child Ecology.  
Supervised observation, practica, or internships.
- 895 Families in Poverty**  
Fall of even years. 3(3-0) SA: FCE 891A  
Causes of poverty. Poverty and family functioning. Proposals for breaking the poverty cycle.
- 896 Child Development Across Cultures**  
Spring of even years. 3(3-0) SA: FCE 891B  
Development of children in different societies. Biological, ecological, social, and cognitive factors influencing growth and behavior. Family influences.
- 897 Family and Individual Assessment**  
Spring of even years. 3(3-0) RB: (FCE 880 and FCE 830 and FCE 832) SA: FCE 891C  
Theoretical, research, and clinical issues in measuring family and individual characteristics. Critique of clinical and research assessment tools.
- 898 Play in Human Development**  
Spring of even years. 3(3-0) RB: (FCE 810) SA: FCE 891E  
Theory related to play behavior. Management of play to enhance developmental capacity.
- 899 Master's Thesis Research**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 50 credits in all enrollments for this course. R: Open only to graduate students in the Department of Family and Child Ecology.  
Master's thesis research.
- 902 Advanced Marriage and Family Therapy Theories**  
Spring of even years. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. RB: (FCE 830)  
Selected theoretical perspectives in marriage and family therapy and related therapy techniques.
- 904 Family Ecology Theory Construction**  
Fall of odd years. 3(3-0) RB: (FCE 801 and FCE 810) and (FCE 830 or FCE 847 or FCE 850) R: Open only to doctoral students.  
Integration and application of concepts in constructing family ecology theory. Theory development strategies.
- 981 SPSS and Secondary Data Analysis**  
Fall of odd years. 3(3-0) P:M: (FCE 880 and FCE 881)  
Data analysis with SPSS; interpretation of statistical output, conduct research project with existing data set.

- 982 Qualitative Research Methods**  
Fall of even years. 3(3-0) RB: (FCE 801 and FCE 880) R: Open only to graduate students. SA: FCE 890A  
Theoretical and applied experience related to qualitative research design and methodology.
- 983 Advanced Research Methods in Marriage and Family Therapy**  
Spring of odd years. 3(3-0) RB: (FCE 880) 6 credits of FCE 902. R: Open only to graduate students in the Marriage and Family Therapy emphasis of Family and Child Ecology. SA: FCE 980B  
Methodological issues. Research design, measurement and analysis appropriate for assessing effectiveness of family therapy. Development of a family therapy research proposal.
- 993 Internship**  
Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to Family and Child Ecology graduate students. Approval of department.  
Supervised practicum, or internship.
- 994 Sex Therapy**  
Spring of even years. 3(3-0) RB: (FCE 445) R: Open only to graduate students in the Marriage and Family Therapy emphasis of Family and Child Ecology. Approval of department. SA: FCE 991A  
Major models of sex therapy utilized in marriage and family therapy. Etiology and treatment of major sexual dysfunctions.
- 995 Marriage and Family Therapy Supervision**  
Spring of odd years. 3(2-3) R: Open only to graduate students in the Marriage and Family Therapy emphasis of Family and Child Ecology. Approval of department. SA: FCE 991B  
Models of marriage and family therapy and related supervision principles. Development of perceptual, cognitive, and executive supervisory skills. Ethical, legal, educational issues.
- 999 Doctoral Dissertation Research**  
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open only to doctoral students in the Department of Family and Child Ecology.  
Doctoral dissertation research.

- 522 Sports Medicine - Orthopedic Examination**  
Spring of odd years. 1(1-0) P:M: (ANTR 350 and ANTR 381 and ANTR 551) R: Open only to students in the College of Human Medicine, the College of Osteopathic Medicine, or the College of Nursing. Open to students in the Athletic Training specialization.  
Overview of orthopedic examination of various joints.
- 523 Sports Medicine - Primary Care Issues**  
Fall of odd years. 1(1-0) R: Open only to students in the College of Human Medicine, the College of Osteopathic Medicine or the College of Nursing. Open to students in the Athletic Training specialization.  
Overview of primary care issues in sports medicine.
- 590 Special Problems in Family Medicine**  
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 48 credits in all enrollments for this course. R: Open only to graduate-professional students in the colleges of Osteopathic and Human Medicine. Approval of department. SA: FM 590  
Each student works under faculty direction on an experimental, theoretical, or applied problem.
- 601 Clinical Practicum in Family Medicine**  
Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II. SA: FM 601, FM 601, FM 601  
Direct involvement in a family practice emphasizing patient, office, and personnel management.
- 602 Primary Care Ambulatory Clerkship**  
Fall, Spring, Summer. 1 to 36 credits. A student may earn a maximum of 36 credits in all enrollments for this course. Interdepartmental with Internal Medicine; Osteopathic Surgical Specialties; Pediatrics; Psychiatry; Osteopathic Medicine. RB: Successful completion of the preclerkship requirements in College of Osteopathic Medicine Units I and II.  
A 24-week ambulatory care continuity experience involving 12 weeks in a multidisciplinary environment (family medicine, pediatrics, and internal medicine), 4 weeks in family medicine and 8 weeks in specialty areas (internal medicine, surgery, pediatrics, and obstetrics and gynecology). Didactic sessions are scheduled concurrently.

- 620 Directed Studies**  
Fall, Spring, Summer. 1 to 30 credits. A student may earn a maximum of 30 credits in all enrollments for this course. RB: Completion of Units I and II. R: Open only to graduate-professional students in the colleges of Osteopathic Medicine and Human Medicine. SA: FM 620  
Individual or group projects on special problems related to family medicine.

- 640 Principles of Family Medicine I**  
Fall. 1(0-4) R: Open only to graduate-professional students in the College of Osteopathic Medicine. Unit I. Systems Biology course or concurrently. SA: FM 640  
Preceptorship experience in family medicine taught by faculty and clinical preceptors at multiple sites.

## FAMILY AND COMMUNITY MEDICINE FCM

### Department of Family and Community Medicine College of Osteopathic Medicine

- 521 Sports Medicine**  
Fall of even years. 1(1-0) R: Open only to students in the College of Human Medicine, the College of Osteopathic Medicine, or the College of Nursing. Open to students in the Athletic Training specialization.  
Overview of sports medicine.

## Family and Community Medicine—FCM

- 650 Principles of Family Medicine II**  
Spring. 1(0-4) A student may earn a maximum of 20 credits in all enrollments for this course. P:M: (FCM 640) SA: FM 650, FM 650  
Continuation of FCM 640.
- 611 Family Practice Geriatric Clerkship**  
Fall, Spring, Summer. 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (FMP 610 and MED 608 and PHD 600 and PSC 608 and OGR 608 and SUR 608)  
Clerkship in the primary medical care of older adults.
- 612 Inpatient Clerkship in Family Practice**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.  
Demonstration of the role of the family physician in hospital settings. Management of consultations and referrals.
- 613 Clinical Research in Family Practice**  
Fall, Spring, Summer. 6 to 12 credits. Fall: All CHM communities. Spring: (Same as above). Summer: (Same as above). A student may earn a maximum of 12 credits in all enrollments for this course. RB: (FMP 608 and MED 608 and PED 600 and SUR 608 and PSC 608 and OGR 608) R: Open only to graduate-professional students in College of Human Medicine.  
Investigation of clinical research topics in family practice. Application of survey and epidemiologic research methods. Use of clinical data.
- 616 Rural Family Practice Elective**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: (FMP 608) At least 3 years of medical training in the College of Human Medicine R: Open only to College of Human Medicine 4th year medical students.  
Clerkship in the unique issues and medical care of residents in rural communities. Emphasis of the clerkship is on patient care management by the family physician.
- 617 Sports Medicine Clerkship**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.  
Primary care aspects of sports medicine. Care of acute and chronic sports injuries, mostly of college level athletes.
- 619 Ambulatory Care Clerkship**  
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 15 credits in all enrollments for this course. Interdepartmental with Medicine; Pediatrics. RB: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.  
Continuous and comprehensive patient care under supervision of appropriate physicians.
- 620 Family Practice Subinternship**  
Fall, Spring, Summer. 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (FMP 608 and PHD 600 and MED 608 and PSC 608 and OGR 608 and SUR 608) R: Approval of department.  
Care and management of patients in a family physician's office in a medically underserved community. Required project on integration of population based medicine into routine clinical care.
- 633 Extended Clinical Experience**  
Fall, Spring, Summer. 6(6-0) Fall: All six(6) campuses. Spring: All six(6) campuses. Summer: All six(6) campuses. P:M: (FMP 608)  
Based in community hospitals and ambulatory sites, this is a 4 week clinical experience emphasizing interviewing skills, history, physical exam, problem solving and therapy.
- 635 Core Competencies I**  
Fall, Spring, Summer. 2(2-0) Fall: Flint-GR-Saginaw-Lansing-Kalamazoo-UP. Spring: same as above. Summer: same as above. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Human Medicine; Medicine; Pediatrics and Human Development. Administered by College of Human Medicine. R: Open only to graduate-professional students in College of Human Medicine.  
Core knowledge and skills from an interdisciplinary perspective.
- 636 Core Competencies II**  
Fall, Spring, Summer. 2(2-0) Fall: same as below. Spring: Flint-Saginaw-GR-Lansing-Kalamazoo-UP. Summer: same as above. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Human Medicine; Medicine. Administered by College of Human Medicine. R: Open only to graduate-professional students in College of Human Medicine.  
Core knowledge and skills from an interdisciplinary perspective.
- 637 Core Competencies III**  
Fall, Spring, Summer. 2(2-0) Fall: same as below. Spring: Flint-Saginaw-GR-Lansing-Kalamazoo-UP. Summer: Flint-Saginaw-GR-Lansing-Kalamazoo-UP. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Human Medicine; Medicine; Obstetrics, Gynecology and Reproductive Biology; Pediatrics and Human Development; Surgery. Administered by College of Human Medicine. R: Open only to graduate-professional students in College of Human Medicine.  
Core knowledge and skills from an interdisciplinary perspective.
- 810 Methods of Brief Research Communication**  
Fall. 1(1-0) RB: Completion of professional degree R: Approval of department.  
Research communications for postgraduate medical and health professionals. Development of a presentation and an abstract communicating research results.
- 811 Methods of Written Research Communication**  
Spring. 1(1-0) RB: Completion of professional degree R: Approval of department.  
Research communications for postgraduate medical and health professionals. Development of a manuscript and poster communicating research results.

## FAMILY PRACTICE FMP

### Department of Family Practice College of Human Medicine

- 501 Preceptorship Training**  
Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 24 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by College of Human Medicine. R: One year of graduate-professional program in College of Human Medicine.  
Field experience in primary care.
- 580 Special Topics in Family Practice**  
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Graduate-professional students in the colleges of Human and Osteopathic Medicine.  
Exploration of special aspects of family practice. Examples include ethnicity and aging, clinical nutrition, sports medicine, death and dying, health care of women, research methods in primary care.
- 605 Comprehensive Care Clerkship**  
Fall, Spring, Summer. 4 to 20 credits. A student may earn a maximum of 20 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by College of Human Medicine. RB: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.  
Comprehensive and longitudinal management of patients in ambulatory care settings.
- 608 Family Practice Clerkship**  
Fall, Spring, Summer. 6 to 18 credits. Fall: Flint-GR-Saginaw-Lansing-Kalamazoo-UP. Spring: Flint-GR-Saginaw-Lansing-Kalamazoo-UP. Summer: Flint-GR-Saginaw-Lan. A student may earn a maximum of 36 credits in all enrollments for this course. RB: (FMP 602) R: Open only to graduate professional students in College of Human Medicine.  
Clinical experience in primary care in family physicians offices and in hospitals.
- 610 Elective Clerkship in Family Practice**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: (FMP 602) R: Open only to third or fourth year graduate-professional students in College of Human Medicine.  
Experience in family practice in diverse settings. Primary, continuing and comprehensive care.