

Descriptions — Entomology

of

Courses

478. Stream Ecology

Fall. 3(3-0) ENT 420, ZOL 389 or BOT 450 or F W 302 or approval of department. Students may not receive credit in both F W 478 and ENT 421. Interdepartmental with the departments of Fisheries and Wildlife and Zoology. Administered by the Department of Fisheries and Wildlife.

Biological, chemical, physical, and geological processes which determine the structure and function of stream ecosystems.

490. Topics in Entomology

Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 12 credits. Majors or approval of department.

Advanced work in medical entomology, acarology, advanced forest entomology, soil arthropods, behavior and biological control.

812. Graduate Seminar Topics

Fall, Winter. 1(1-0) May reenroll if different topic is taken. Graduate students and approval of department.

Graduate level seminars on current research and philosophy. Student participation required.

815. Biological Control

Spring of even-numbered years. 3(2-3) Approval of department.

Properties of entomophagous species; relationships to population ecology and systematics; foreign exploration, colonization, manipulation, and evaluation; interactions with pesticides, analysis of successful programs, and future trends. Collection for taxonomic lab to be made the summer before.

820. Applied Insect Ecology

Winter of odd-numbered years. 3(2-3) Approval of department.

Ecological factors in an insect's ecosystem that can be manipulated for the purpose of pest management. Critical evaluation of current and classical literature presented by students in both oral and written reports.

871. Biology of Nematodes

Spring. 4(2-6) ENT 470 or approval of department. Interdepartmental with the Department of Botany and Plant Pathology.

Ontogeny, taxonomy, morphology, pathology and ecology of nematodes, with special reference to plant-parasitic and phytopathogenic species.

881. Biology of the Arthropoda

Winter. 5(3-6) ZOL 481 or approval of department. Interdepartmental with and administered by the Department of Zoology.

Ecology, life cycles, morphology, taxonomy, and distribution of arthropods other than insects.

890. Problems

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. Majors or approval of department.

Advanced individual work in: apiculture, aquatic insects, insect biochemistry, biosystematics, economic insects, insect ecology, forest insects, morphology, nematology, insect physiology, plant disease transmission, insect toxicology, araneida, acarina, medical entomology, chemistry of insecticides, insect biology, extension entomology, systems.

899. Master's Thesis Research

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

940. Analytical Techniques for Biological Compounds I

Winter of odd-numbered years. 4(2-6) Organic chemistry, approval of department.

Application, extraction, cleanup and purification techniques employed in analysis of biologically active compounds. Stresses use of radioisotopes, and column, paper, thin-layer, and molecular sieve chromatography.

941. Analytical Techniques for Biological Compounds II

Winter of even-numbered years. 4(2-6) ENT 940.

Analytical techniques used for identification and quantification of biologically active compounds. Emphasis on spectroscopy and gas-liquid chromatography.

999. Doctoral Dissertation Research

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

FAMILY AND CHILD ECOLOGY

FCE

(Name changed effective July 1, 1980. Formerly the departments of Family and Child Sciences, and Family Ecology.)

College of Human Ecology

118. Family Resources

(F E 118.) Fall. 3(2-2)

Skill development in identification, description and classification of human and non-human family resources on a historical and cross-cultural basis.

145. The Individual, Marriage and the Family

(FCS 145.) Fall, Winter, Spring. 4(4-0)

Students may not receive credit in both FCE 145 and S W 228.

Individual as young adult. Alternative living patterns. Marriage as social institution. Courtship and marriage patterns. Adjustments in marriage. Attitudes and roles in family living. Crises situations. Family planning.

200. Ecological Approach to Family and Health

(F E 200.) Fall, Winter. 2(2-0) Sophomores. Not open to HEC majors.

Use of the human ecosystem perspective to study people and their various environments with focus on family and health support systems.

221. Human Services in the Community

(UMS 221.) Fall, Spring. 4(3-3)

Analysis of human and community needs: roles of professionals and volunteers in providing community and human services. Participation in community agency required.

238. Personal Finance

(F E 238.) Fall, Winter, Spring. 3(3-0)

Strategies, techniques and resources useful in the management of personal finance.

255. Family and Individual Development: Life Cycle

(FCS 255.) Winter, Spring. 3(3-0)

Three terms of natural science; sophomores. Overview of family development. Predictable individual developmental changes over the life span. Cognitive, moral, physical, psychological and social aspects. Interface between individual and family development.

262A. Child Growth and Development: Conception through Early Childhood

(FCS 262A.) Fall, Winter, Spring. Summer of odd-numbered years. 3(3-0) Sophomores, PSY 160 or PSY 170 or ED 200; FCE 262B concurrently.

Physical, cognitive, social, and emotional aspects of human growth and development from conception through early childhood.

262B. Child Growth and Development Laboratory

(FCS 262B.) Fall, Winter, Spring. Summer of odd-numbered years. 1(0-3) FCE 262A concurrently or approval of department.

Observation of human development in infants and young children.

263. Children, Youth and the Family

(FCS 263.) Fall, Winter, Spring. 3(3-0) Sophomores; SOC 241 or FCE 145 or FCE 262A; or approval of instructor.

A family systems perspective of middle childhood, adolescence, and youth development is presented, incorporating childhood through launching stages of family development. Interactions of parents, children and socio-cultural factors are analyzed.

331. Management and Decision Making in the Family

(HEC 301.) Fall, Winter, Spring. Summer of even-numbered years. 3(3-0) HEC 201, Juniors.

Integrated nature of management in the family setting from an ecosystem perspective. Values and goals as reflected in decision making about family resources.

332. Application of Principles of Home Management

(F E 332.) Fall, Winter, Spring. 2(0-5) FCE 331 or concurrently; T E 331 or FCE 340.

Principles of effective home management and their application in a living situation.

337. Energy Utilization in the Household

(F E 437, 437.) Fall. Summer of even-numbered years. 3(3-0) FCE 331 or approval of department.

Human and fossil fuel energy use at the household level. Issues and policies regarding work accomplishment in the home.

340. Instruction in Human Ecology for Non-Formal Settings

(F E 340.) Fall, Winter, Spring. 3(2-2) Juniors, HEC 301; Dietetic Majors: HNF 320 or concurrently.

Theory and practice of instruction in Human Ecology with specific application to non-formal environments. For majors in Dietetics and Community Services and other majors in human ecology.

364A. Interacting with Young Children in Child Development Centers

(FCS 364A.) Fall, Winter. 3(3-0) FCE 262A, FCE 262B each with minimum grade of 2.0; FCE 364B concurrently.

Application of principles of human growth and development to personal interaction with children ages three to six individually and in small groups in schools of early childhood.

364B. Interacting with Young Children—Laboratory

(FCS 364.) Fall, Winter. 1(0-3) FCE 364A or concurrently, FCE 262A, FCE 262B each with a minimum grade of 2.0.
Experience in interaction with children ages two to six years, individually and in groups in a child development center.

369A. Learning Activities for Early Childhood Programs

(FCS 369A.) Winter, Spring. 3(3-0) FCE 364A, FCE 364B each with a minimum grade of 2.0; FCE 369B concurrently.
Planning learning activities and teaching strategies for children ages 3 to 6 in early childhood education programs.

369B. Learning Activities for Early Childhood Programs—Laboratory

(FCS 369B.) Winter, Spring. 1(0-3) FCE 369A concurrently and approval of department.
Experience in planning and carrying out learning activities with young children in an early childhood program.

400H. Honors Work

(FCS/FE 400H.) Fall, Winter, Spring, Summer. 1 to 16 credits. May reenroll for a maximum of 24 credits. Seniors; approval of department.

404. Home as a Learning Center

Fall. 3(3-0) Seniors or approval of department.
Learning processes and resource use in home settings. Exploration of linkages between the informal educational system and formal and non-formal systems.

405. Work and the Family

Winter. 3(3-0) Juniors.
Examines the kinds and interrelationship of decisions made by the family and the paid work force (business/labor) as they relate to interaction between the family and the paid work sphere.

436. Consumer Economic Problems

(F E 436.) Fall, Winter. 3(3-0) EC 200 or EC 201.
Nature of current consumer problems. Sources of information and methods of evaluating information in the search for solutions to problems and for improved consumer protection.

438. Family Financial Management

(F E 438.) Fall, Spring. 3(3-0) FCE 238, EC 200.
Application of financial planning and budgeting strategies to families during various stages of the family life cycle. Current income support programs. Implications for the community of the family's financial decisions.

439. Families: Consumer Legislation and Participation

Spring. 3(3-0) EC 201, FCE 438.
Public policies and laws affecting families and individuals as consumers. Regulation, protection, and legal resources. Influencing change through participation in consumer policy decisions.

440. Approaches to the Study of the Family

(FCS, FCE 446.) Fall. Summer of odd-numbered years. 3(3-0) FCE 145 or FCE 263.
The family is studied from several approaches. Case studies, films, literary materials and research studies of living situations are included.

442. Minority Families in America

(FCS 442.) Fall, Winter. 3(3-0) Juniors.
Historical, structural, functional components of minority family systems in white America. Centers on a particular minority family system each term. Life styles, pressures, adaptations, viability and continuity of minority family subculture.

444. Interpersonal Relationships in the Family

(FCS 444.) Fall, Winter, Spring, Summer of even-numbered years. 3(3-0) FCE 145 or FCE 263 or approval of department.
Relationships between and among family members as they are affected by other systems, and by physical, cultural, social-psychological forces within the family eco-system. Contemporary family life issues.

445. Human Sexuality in the Family

(FCS 445.) Fall, Winter, Spring. 3(3-0) Juniors. Credit may not be earned in both FCE 445 and PSY 290.
Personal, interpersonal, societal meanings of human sexuality, utilizing outgoing small peer group interaction. Nonlecture, value clarification approach, integrating reflection on research findings, family, peer and cultural influences.

450. Selected Topics in Family and Child Ecology

(F E 450.) Fall, Winter, Spring. 3(3-0) or 4(4-0) May reenroll for a maximum of 12 credits. Seniors.
Current subjects of concern to professionals working with families and children.

461. Individual Child Study

(FCS 461.) Fall, Winter. 3(2-2) Majors: FCE 364; others: FCE 262A, PSY 244 or ED 412.
An in-depth analysis of development and behavior utilizing regular observation of a young child. Applications of theories of child growth and behavior.

464. Problems in Teaching in a Child Development Center

(FCS 464.) Fall, Winter, Spring, Summer. 2(2-0) FCE 464A or FCE 464C or concurrently.
Analysis of problems in teaching in an early childhood program. Application of child guidance techniques and principles.

464A. Practicum in a Child Development Center

(FCS 464A.) Fall, Winter, Spring, Summer. 7(0-21) FCE 369A, FCE 369B each with a minimum grade of 2.0; FCE 464 concurrently. Advance application required. Not open to students with credit in FCE 464C.
A directed practicum in planning, implementing and evaluating the learning environment in a class of young children during an entire term.

464C. Practicum in a Child Development Center

(FCS 464C.) Fall, Winter, Spring, Summer. 4(0-12) FCE 369A, FCE 369B each with a minimum grade of 2.0; FCE 464 concurrently. Advance application required. Not open to students with credit in FCE 464A.
A directed practicum in planning, implementing and evaluating the learning environment in a class of young children. For experienced teachers.

467. Administration of Child Development Centers

(FCS 467.) Spring. 3(3-0) FCE 464A, FCE 464 or concurrently; or approval of department.
Administrator's role in child development centers. Application of child care philosophy, management and communication skills to operation of early childhood education programs. Federal, state, and local regulations and support services.

468. Teacher-Parent Interaction

(FCS 468.) Fall, Winter. 3 credits. Majors: FCE 464A, FCE 464 or concurrently; others: FCE 262A or CEP 412.
Analysis of parent-teacher communication and interaction, parent involvement, and parent education related to early childhood education programs operated by schools, churches, or community agencies. Field experience when feasible.

470. Current Issues in Family and Child Ecology

(FCS 470.) Winter, Spring. 3(3-0) FCE 464A, or Seniors, or approval of department.
Analysis of current events, issues; of legislation which has bearing on homes, families and children and children's programs. Implications for professional decisions and actions.

479. Adult Development and The Family: Adult Middle Years

Winter. 3(3-0) A course in human development or approval of department.
Adult development and the relationships of middle aged individuals in their personal, family, work, and societal environments.

480. Adult Development and the Family: The Aging Years

(FCS 480.) Fall, Spring, Summer of odd-numbered years. 4(3-2) Introductory sociology or psychology or a course in human development.
Social-psychological-biological development and socialization for roles in later years. Generational relationships, social influences. Field study approaches involving interaction with an adult or family in later years.

491. Evaluation of Family Related Programs

Spring. 3(3-0) Seniors, FCE 340.
Design and implementation of models of program evaluation in communities. Application to specific family, child or consumer related programs.

494. Family Financial Advising

Winter of odd-numbered years. 3(3-0) FCE 444, FCE 438, ACC 201 or ACC 230.
Financial advising strategies for working with families throughout the life cycle.

495. Independent Study

(FCS 495.) Fall, Winter, Spring, Summer. 1 to 12 credits. May reenroll for a maximum of 12 credits. Approval of department.
Study of a selected topic under the guidance of a faculty member.

498. Field Study

(FCS 498.) Fall, Winter, Spring, Summer. 2(2-8) to 16(2-42) May reenroll for a maximum of 16 credits. Approval of department.
Preprofessional experience in community, governmental or business sponsored organization related to student's program. Student analysis of learning experiences required.

**Descriptions — Family and Child Ecology
of
Courses**

800A. Seminar in Family Ecology
(F E 800A.) Fall, Winter, Spring.
3(3-0) May reenroll for a maximum of 12 credits.
Approval of department.

801. Seminar in Family Life
(FCS 801.) Fall, Winter, Spring. 3(3-0)
May reenroll for a maximum of 12 credits. Ap-
proval of department.

802. Seminar in Child Development
(FCS 802.) Fall, Winter, Spring. 3(3-0)
May reenroll for a maximum of 12 credits. Ap-
proval of department.

**804. Human Resource Development in
Family**
(F E 804.) Winter. Summer of odd-
numbered years. 3(3-0) EC 200, EC 201; FCE
444.

Role of family in human capital formation and
development. Examination of effect of family
environment on quality of human resources.
Evaluation of public policy impacts on human
resource development.

810. Workshop
(FCS 810.) Summer. 2 to 10 credits.
May reenroll for a maximum of 10 credits. Ap-
proval of department.
Content varies depending on nature of work-
shop.

813. Special Studies in Family Life
(FCS 813.) Fall, Winter, Spring, Sum-
mer. 1 to 4 credits. May reenroll for a maximum
of 12 credits. Approval of department.

819. Theories of Child Development
(FCS 819.) Fall. 3(3-0) FCE 262A or
child psychology.
Comparative study of conceptual frameworks
utilized in child development.

**820. Human Development in the
Family: Physiological
Development**
(FCS 820.) Fall. 4(4-0) Six credits in
child development or approval of department.
Selected aspects of family members' physiologi-
cal potential, development, status explored.
Family's contributions to members' physiologi-
cal potential for growth and development and to
realization of human potential are seen as funda-
mental.

**821. Human Development in the
Family: Personality**
(FCS 821.) Winter. 4(4-0) Six credits in
child development or approval of department.
Influence of child-rearing practices and parent-
child relationships on developing human person-
ality. Application of research findings and
theoretical approaches to psychological develop-
ment in the family and family-related situations.

**822. Human Development in the
Family: Socialization**
(FCS 822.) Spring. 4(4-0) Basic course
in sociology; 6 credits in child development or
family life or approval of department.
Influence of family structure and interaction
upon socialization from infancy to adulthood.
Relationship of family to processes in larger so-
cial environment, and influence of these on hu-
man social development.

823. Curriculum
(F E 823.) Summer. 3(3-0) Approval of
department.
Clarification and use of a rationale in curricu-
lum development. Special problems in applica-
tion.

**824. Programs in Home and Family
Life Education**
(F E 824.) Winter of odd-numbered
years. 3(3-0) Approval of department.
Develops depth in home and family living
courses offered in secondary school programs.

825. Methods of Teaching Adults
(F E 825.) Spring. 3(3-0) Approval of
department.
Developmental needs of adults and changes in
society affecting families as a basis for develop-
ment of adult programs in homemaking educa-
tion. Experiences will be provided with
programs in progress.

827. Evaluation
(F E 827.) Summer. 3(3-0) Approval of
department.
Evaluation procedures and practices for various
levels of educational programs in the area of hu-
man ecology.

828. New Developments
(F E 822.) Fall of odd-numbered years.
3(3-0) ED 436.
Trends in the field of family ecology and the
relevance to current social needs.

830. Individual Readings
(FCS/F E 830.) Fall, Winter, Spring.
Summer. 1 to 4 credits. May reenroll for a maxi-
mum of 9 credits. Approval of department.

831. Values and Family Behavior
(F E 831.) Winter. Summer of odd-
numbered years. 4(4-0) Approval of depart-
ment.
Role and function of values as fundamental to
understanding behavior in the family. Cogni-
tion and actualization of values. Resolution of
value conflicts. Conceptual and methodological
approaches to study of values.

**832. Theories of Management and
Decision Making in the Family**
(F E 832.) Spring. Summer of even-
numbered years. 4(4-0) HEC 301.
Comparative study of conceptual frameworks of
family decision-making and management, in-
cluding social, economic and technical decision
domains.

835. Family Ecosystems
(F E 835.) Fall, Spring. Summer of
even-numbered years. 3(3-0) Approval of de-
partment.
Family viewed from an ecosystems perspective.
Emphasis placed on energy and communication
cycles within the family. Integration of manage-
ment, family dynamics and developmental con-
cepts.

837. Allocation of Family Resources
(F E 837.) Spring of even-numbered
years. Summer of odd-numbered years. 3(3-0) A
course in microeconomics or approval of depart-
ment.
Application of family resource allocation theo-
ries to the patterned use of human and non-hu-
man resources in households. Family economic
strategies to attain and maintain desired stand-
ards of living.

838. Analysis of Family Income
(F E 838.) Spring of odd-numbered
years. 3(3-0) A course in macroeconomics or ap-
proval of department.
Forms of family income and economic problems
relative to the protection of family economic se-
curity.

840. Topics in Child Development
(FCS 840.) Fall. 3(3-0) May reenroll
for a maximum of 6 credits if different topic is
taken. A child growth and development course.
In-depth analysis of a selected topic pertinent to
the care and education of young children in child
development centers.

**841. Early Childhood Education:
Curricular Approaches**
(FCS 841.) Spring of even-numbered
years. 3(3-0) A course in child growth and devel-
opment; early childhood curriculum course or
equivalent experience.
Theoretical background, content and evalua-
tion of early childhood curricula and programs.
Influence of research and public policy on pro-
gram practices.

**842. Assessment of Development of the
Young Child**
(FCS 842.) Fall. 3(3-0) A child growth
and development course.
Survey of assessment instruments and proce-
dures for children from birth to age seven. Tech-
niques for practitioner or parent to use to assess
physical, social, emotional and intellectual de-
velopment.

843. Play and Human Development
(FCS 843.) Winter of odd-numbered
years. 3(3-0) One course in child development or
human development.
Role of play in human development. Functions
of play related to other aspects of development.
Analysis of theory related to play behavior.

**844. Child Development Across
Cultures**
Winter of odd-numbered years. 3(3-0)
Approval of department.
Development of children in cultures throughout
the world. Biological, ecological, and social fac-
tors influencing behavior of children and their
families. Impact of rapid social changes.

845. Approaches to Child Rearing
Spring. 3(3-0) One course in child de-
velopment or family development or approval of
department.
Child rearing and parental practices based on
various theoretical models.

**846. Parent Education: Programs and
Processes**
Winter of even-numbered years. 3(3-0)
FCE 845 or approval of department.
Materials and approaches to parent education.
Application of teaching strategies and evalua-
tion techniques will be made by designing an
educational program for parents.

850. Aging in the Family
(FCS 850.) Spring. 3(3-0) FCE 480 or
approval of instructor.
Provides students with a knowledge and under-
standing of the literature in aging in the family
and develops an appreciation of the interrela-
tionships involved in this multidisciplinary area.

851. Death, Dying, and the Family
(FCS 831.) Spring. 3(3-0)
Theoretical frames of reference for viewing
death within families and strategies designed to
assist them.

852. Communication and Family Crisis
(FCS 852.) Winter. 3(3-0) Approval of department.

Dynamics of family communication and adjustment to crisis during the life cycle. Delineation of major types of family crises and their consequences. Strategies for positive communication and resolution.

853. Developing Family Competencies
Fall. 3(3-0) FCE 444 or approval of department.

Identification, clarification and application of concepts, principles, processes and interactive skills effective in maintaining and enhancing the quality of family relationships. Focus is on developing family strengths.

854. Research Literature in Family Relationships
(FCS 854.) Winter. 4(4-0) FCE 444, FCE 446 and basic research methods course or approval of department.

Historical overview and current developments in research in family relationships, with emphasis on theoretical basis and critical issues.

855. Topics in Family Relationships
(FCS 855.) Fall. 2 to 4 credits. FCE 444 or FCE 445 or approval of department.

In-depth analysis of a topic related to the American family as an interactive system within the larger society.

865. Community Development Field Study: Project Design
(F E 865.) Winter. 4(3-2) R D 864 or approval of department. Interdepartmental with and administered by the Department of Resource Development.

Design of a community development project in a selected Michigan community. Focus on community issues using the action research model of community change (field trips required).

866. Community Development Field Study: Project Implementation
(F E 866.) Spring. 4(2-4) R D 865 or approval of department. Interdepartmental with and administered by the Department of Resource Development.

Undertaking the project designed in R D 865 (field project required).

891. Research Methods
(F E 819, FCE 895.) Fall, Spring. Summer of even-numbered years. 3(3-0) Approval of department.

Elements of the research process; problem formation, theoretical frameworks, operationalizing concepts, hypotheses formulation, research design, instrumentation, sampling, analysis, interpretation, and reporting of findings.

894. Field Techniques in Family Study
Spring. 3(3-0) FCE 835, FCE 891 or approval of instructor.

Practical experience in problem selection, data collection in a natural family setting, and analysis and presentation of data in research journal format. Field experience with a family required.

897. Independent Study in Family Ecology

(F E 843.) Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 9 credits. Approval of department. Study on an individual or group basis.

898. Laboratory and Field Experience
(F E 842.) Fall, Spring. 4 credits. Approval of department.

Supervised graduate practicums, observation, internships, and externships.

899. Master's Thesis Research
(FCS/F E 899.) Fall, Winter, Spring, Summer. Variable credit. Approval of department.

901. Internship
(F E 901.) Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 9 credits. Approval of department.

Supervised advanced graduate practicums, observation, internships, and externships in the various areas of emphasis.

902. Independent Study in Family Ecology
(F E 902.) Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 9 credits. Approval of department. Study on an individual basis.

903. Seminars in Family Ecology
(F E 903.) Spring. 2 or 3 credits. May reenroll for a maximum of 9 credits. Approval of department. Seminars in selected topics.

932. History and Philosophy of Human Ecology
(F E 932.) Fall. 3(3-0) History and development of human ecology as an interdisciplinary field of study. Values underlying the field. Current emphasis.

999. Doctoral Dissertation Research
(F E 999.) Fall, Winter, Spring, Summer. Variable credit. Approval of department.

FAMILY MEDICINE F M

College of Osteopathic Medicine

515. Health Care in Underserved Areas
Fall. 2 or 3 credits. Admission to a college of medicine or approval of department. Interdepartmental with and administered by the Department of Family Practice.

Professional, economic, and personal issues confronting the practicing physician in medically underserved areas.

516. Migrant Worker Health Care
Spring. 2 to 3 credits. Admission to a college of medicine or approval of department. Interdepartmental with and administered by the Department of Family Practice.

Health beliefs, patient attitudes, economic situation and medical problems of migrant agricultural workers. Introduction to occupational medicine in the agricultural sector, including parasitology, pesticide hazards, taking an occupational history.

590. Special Problems in Family Medicine
Fall, Winter, Spring, Summer. 1 to 8 credits. May reenroll for a maximum of 32 credits. Approval of department.

Each student will work under direction of a faculty member on an experimental, theoretical or applied problem.

600. Clinical Practicum in Family Medicine

Fall, Winter, Spring, Summer. 2 to 12 credits. May reenroll for a maximum of 24 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.

Opportunity for direct involvement and experience in functioning family practice. Emphasizes patient, office, and personnel management. Provides understanding and consideration of responsibilities encountered in the practice of family medicine.

620. Directed Studies
Fall, Winter, Spring, Summer. 2 to 24 credits. May reenroll for a maximum of 48 credits. Admission to a college of medicine or approval of department.

Individual or group projects on special problems related to family medicine.

652. Principles of Family Practice I
Winter. 1(0-4) Completion of all Unit I course requirements, PHM 520 or approval of department.

Preceptorship experience in family medicine taught by faculty and clinical preceptors at sites located throughout the State of Michigan.

662. Principles of Family Practice II
Spring. 1(0-4) F M 652; systems biology course concurrently. Continuation of F M 652.

672. Principles of Family Practice III
Summer. 1(0-4) F M 662; systems biology course concurrently. Continuation of F M 662.

682. Principles of Family Practice IV
Fall. 1(0-4) F M 672; systems biology course concurrently. Continuation of F M 672.

FAMILY PRACTICE FMP

College of Human Medicine

500. Preceptorship Training
Fall, Winter, Spring, Summer. 3 to 12 credits. May reenroll for a maximum of 36 credits. No more than 3 credits toward degree requirements. One year of medical school. Interdepartmental with and administered by the Department of Human Medicine.

Field experience in primary care taught by primary care physicians throughout the state to medical students from Michigan State University, University of Michigan and Wayne State University.

515. Health Care in Underserved Areas
Fall. 2 or 3 credits. Admission to a college of medicine or approval of department. Interdepartmental with the Department of Family Medicine.

Professional, economic, and personal issues confronting the practicing physician in medically underserved areas.