

464B. Problems in Teaching in a Child Development Center

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

465. Human Sexuality and the Family
(365.) Fall, Winter. 3(3-0) Juniors. Credit may not be earned in both FCS 465 and PSY 290.

Personal, interpersonal, societal meanings of human sexuality, utilizing outgoing small peer group interaction. Non-lecture, value clarification approach, integrating reflection on research findings, family, peer and cultural influences.

467. Administration of Child Development Centers

Spring. 3(3-0) 464A and 464B or concurrently.

Analysis of the administrator's role in child development centers. Application of philosophical approaches, communication techniques and management skills to operating early childhood education programs. Licensing and other regulations.

468. Teacher-Parent Interaction

Fall, Winter. 3 credits. Majors: 464A and 464B, or concurrently; others: 262A or ED 412, approval of department.

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.

469. Physical and Physiological Growth of Children

(463.) Winter, Spring. 4(4-0) HNF 102; three terms of Natural Science. Interdepartmental with Human Nutrition and Foods.

Physical and physiological growth patterns. Experimental evidence for nutritional requirements. Applications to feeding practices, and physical activity of children.

470. Current Issues in Family and Child Sciences

Spring. 3(3-0) 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.

480. Human Development and Interpersonal Relationships: The Middle and Later Years

Spring. Summer of odd-numbered years. 4(3-1) Introductory sociology and psychology; 145 or 245 or 444.

Social-psychological-biological development and socialization for roles in middle and later years. Generational relationships; societal influences. Case study approach involving interaction with an adult or family in middle or later years.

495. Independent Study

Fall, Winter, Spring, Summer. 4 to 12 credits. May re-enroll for a maximum of 12 credits. Approval of department.

Study of a selected topic under the guidance of a faculty adviser in the area of specialty.

498. Field Study

Fall, Winter, Spring, Summer. 4 to 12 credits. May re-enroll for a maximum of 12 credits. Approval of department.

Study in off-campus situations in a variety of ways using involvement in volunteer, governmental or business-sponsored community service agencies to further insights into interaction among the individual, the family and the community.

801A. Seminar in Family Life

Fall, Winter, Spring. 3(3-0) May re-enroll for a maximum of 12 credits. Approval of department.

801B. Seminar in Child Development

Fall, Winter, Spring. 3(3-0) May re-enroll for a maximum of 12 credits. Approval of department.

810. Workshop

Summer. Variable credit. Approval of department.

Content varies depending on nature of workshop.

813B. Special Studies in Family Life and Child Development

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

820. Human Development in the Family: Physiological Development

Fall. 4(4-0) Six credits in child development or approval of department.

Selected aspects of family members' physiological potential, development, status explored. Family's contributions to members' physiological potential for growth and development and to realization of human potential are seen as fundamental.

821. Human Development in the Family: Personality

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 personality. Application of research findings and theoretical approaches to psychological development in the family and family-related situations.

822. Human Development in the Family: Socialization

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 social environment, and influence of these on human social development.

830. Individual Readings

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

831. Death, Dying, and the Family

Spring. 3(3-0)

Provides students with an understanding of various theoretical frames of reference developed for viewing death within the family and strategies designed to assist them to deal with it.

840. Topics in Child Development

Fall, Winter, Spring. Variable credit. 3(3-0) to 6(6-0) 262A or 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

Spring. 3(3-0) 262A or a child growth and development course.

Exploration of theoretical background and content of curricular approaches in early childhood programs. Analysis and evaluation of early childhood curricular materials. Experience in designing and sequencing activities for young children.

842. Assessment of Development of the Young Child

Fall. 3(3-0) A child growth and development course.

Survey of assessment instruments and procedures for children from birth to age seven. Techniques for practitioner or parent to use to assess physical, social, emotional and intellectual development.

850. Aging in the Family

Fall. 3(3-0) 480 or approval of instructor.

Provides students with a knowledge and understanding of the literature in aging in the family and develops an appreciation of the interrelationships involved in this multidisciplinary area.

862. Theories of Child Development

Fall. 3(3-0) 262A or child psychology.

Comparative study of conceptual frameworks utilized in child development.

899. Research

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

999. Research

Fall, Winter, Spring, Summer. Variable credit.

Research in home management and economics of the family.

FAMILY ECOLOGY F E

College of Human Ecology

221. The Role of the Helping Professions and Organizations in Community Services

(IDC 221.) Fall, Winter, Spring. 4(4-0) Interdepartmental with and administered by the Department of Urban and Metropolitan Studies.

Analysis of human and community needs; review and examination of existing and emerging resources to meet those needs; role of professionals and volunteers in providing community and human services.

238. Personal Finance

Fall, Winter, Spring. 3(3-0)

Strategies, techniques and resource materials useful in improved management of personal finances. Special emphasis on stretching meager resources.

332. Theory and Application of Home Management

Fall, Winter, Spring. 4(3-2) Juniors and 331 or concurrently; or approval of department.

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

340. Instruction in Human Ecology for Non-Formal Settings

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.

**Descriptions — Family Ecology
of
Courses**

400H. Honors Work

Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 16 credits. Seniors; approval of department.

436. Consumer Economic Problems

Fall, Winter, Spring. 3(3-0) EC 200 or 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.

437. Management of Work Capacity in the Home

Winter, Summer of even-numbered years. 3(3-0) HEC 301 or approval of department.

Analysis of the resource of human work capacity in the home—physiological and psychological factors; principles and use of work simplification.

438. Family Financial Management

Fall, Winter, Spring, Summer of even-numbered years. 4(4-0) HEC 301; EC 201 or PAM 201.

Major financial alternatives available to families during the founding, active parenthood, and retirement stages. Implications for the community of the family's financial decisions.

450. Selected Topics in Family Ecology

Fall, Winter, Spring. 3(3-0) to 4(4-0) May re-enroll for a maximum of 12 credits. Seniors.

Current issues of concern to professional family ecologists.

495. Independent Study

Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 12 credits. Approval of department.

498. Field Study

Fall, Winter, Spring, Summer. 4(2-8) to 16(2-42) Approval of department.

Preprofessional experience in a community agency/organization engaged in activities related to student's program. Weekly reports and seminar dealing with student learning experiences, professional development, and roles of selected agencies.

800A. Seminar in Family Ecology

Fall, Winter, Spring, Summer of even-numbered years. 3(3-0) May re-enroll for a maximum of 12 credits. Approval of department.

813A. Special Studies in Family Ecology

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

816. Field Techniques in Community Resource Development

Spring. 6(3-6) 835 or R D 815 or approval of instructor. Interdepartmental and jointly administered with the Department of Resource Development.

Application of community and family resource inventory, analysis, and program planning techniques in Michigan rural-urban situations.

819. Research Methods

Fall, Spring. 3(3-0) Approval of department. Interdepartmental and jointly administered with the Department of Human Environment and Design.

820. Critique of Research

Winter, Summer. 3(2-0) 819.

A critical analysis of research on the family and its near environment. Emphasis is placed on critique of methodology with some consideration of research needs.

822. New Developments

Summer of odd-numbered years. 3(3-0) ED 436.

Trends in the field of family ecology and the relevance to current social needs.

823. Curriculum

Fall, Summer. 3(3-0) Approval of department.

Clarification and use of a rationale in curriculum development. Special problems in application.

824. Programs in Home and Family Life Education

Spring of odd-numbered years. Summer. 3(3-0) Approval of department.

Develops depth in home and family living courses offered in secondary school programs.

825. Methods of Teaching Adults

Spring of even-numbered years. 3(3-0) Approval of department.

Developmental needs of adults and changes in society affecting families as a basis for development of adult programs in homemaking education. Experiences will be provided with programs in progress.

826. Leadership in Home Economics Education

Winter of odd-numbered years; Summer of even-numbered years. 3(3-0) Approval of department.

Inquiry into the process of becoming a change agent in various educational settings related to home economics. Leadership principles, current roles and responsibilities of leaders in home economics, communication techniques and organizational principles are explored.

827. Evaluation

Winter, Summer. 3(3-0) Approval of department.

Evaluation procedures and practices for various levels of educational programs in the area of human ecology.

830. Individual Readings

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

831. Values and Family Behavior

Winter of even-numbered years. Summer of odd-numbered years. 4(4-0) Approval of department.

Role and function of values as fundamental to understanding behavior in the family. Cognition 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

Winter of odd-numbered years. 4(2-1) HEC 301.

Comparative study of conceptual frameworks of family decision-making and of interrelated decisions, including both individual and social choices.

835. Family As an Ecosystem

Fall. 3(3-0) Approval of department.

Family viewed as an ecosystem. Emphasis placed on energy and communication cycles within the family. Integration of management, family dynamics and developmental concepts.

837. Allocation of Family Resources

Spring of even-numbered years. Summer of odd-numbered years. 4(4-0) 437, 438.

Contributors to and recipients of family resources both human and non-human. Patterned use of resources and the effect of definite factors such as standard of living on those patterns.

838. Analysis of Family Income

Spring of odd-numbered years. Summer of even-numbered years. 3(3-0) 438.

Forms of family income and economic problems relative to the protection of family economic security through insurance and investments, property rights and descent of property, and estate planning.

840. Workshops in Family Ecology

Summer. 2 to 10 credits. May re-enroll for a maximum of 10 credits. Approval of department.

Laboratory approach which provides opportunities for experienced educational personnel to concentrate their study on common professional problems.

841. Seminars in Home Economics Education

Spring, Summer. 2 or 3 credits. May re-enroll for a maximum of 9 credits. Approval of department.

Seminars in selected topics.

842. Laboratory and Field Experience

Fall, Spring. 4 credits. Approval of department.

Supervised graduate practicums, observation, internships, and externships.

843. Independent Study in Family Ecology

Fall, Winter, Spring, Summer. 1 to 5 credits. May re-enroll for a maximum of 9 credits. Approval of department.

Study on an individual or group basis.

899. Research

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

901. Internship

Fall, Winter, Spring, Summer. 1 to 5 credits. May re-enroll 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

Fall, Winter, Spring, Summer. 1 to 5 credits. May re-enroll for a maximum of 9 credits. Approval of department.

Study on an individual basis.

903. Seminars in Family Ecology

Spring, Summer. 2 or 3 credits. May re-enroll for a maximum of 9 credits. Approval of department.

Seminars in selected topics.

- 932. History and Philosophy of Human Ecology**
Fall, Summer of even-numbered years. 3(2-0)
History and development of human ecology as an interdisciplinary field of study. Values underlying the field. Current emphases.
- 999. Research**
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

FAMILY MEDICINE* F M

College of Osteopathic Medicine

- 530. Physical Examination Skills**
Fall. 2(1-2) Admission to medical school and approval of department.
Introductory course in physical examination skills used in the family physician's office. The lecture relates principles of physical examination to the laboratory where skills are taught.
- 545. Principles of Family Medicine I**
Spring. 3(3-0) Admission to medical school and approval of department.
Clinical medicine which is specific in content for the practice of family medicine.
- 555. Principles of Family Medicine II**
Summer. 4(4-0) Admission to medical school and approval of department.
Continuation of 545.
- 590. Special Problems in Family Medicine**
Fall, Winter, Spring, Summer. 1 to 8 credits. May re-enroll 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 re-enroll for a maximum of 24 credits. Grade P in all courses offered in terms I 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 re-enroll 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.
- 632. Principles of Family Practice I**
Winter. 1(0-3) Admission to a college of medicine.
Cognitive material and development of the psychomotor skills necessary to prepare the student physician for assignment to a family practice clinical setting.

*Established July 1, 1973. Formerly Department of Community and Family Medicine.

- 642. Principles of Family Practice II**
Spring. 1(0-4) 632.
Continuation of 632.
- 652. Principles of Family Practice III**
Summer. 1(0-4) Admission to medical school and approval of department.
Continuation of 642.
- 662. Principles of Family Practice IV**
Fall. 1(0-4) Admission to medical school and approval of department.
Continuation of 652.
- 672. Principles of Family Practice V**
Winter. 1(0-4) Admission to medical school and approval of department.
Continuation of 662.
- 675. Principles of Family Medicine IV**
Winter. 4(4-0) Admission to medical school and approval of department.
- 682. Principles of Family Practice VI**
Spring. 1(0-4) Admission to medical school and approval of department.
Continuation of 672.
- 685. Principles of Family Medicine V**
Spring. 4(4-0) Admission to medical school and approval of department.
Continuation of 675.
- 692. Principles of Family Practice VII**
Summer. 1(0-4) Admission to medical school and approval of department.
Continuation of 682.
- 695. Principles of Family Medicine VI**
Summer. 4(4-0) Admission to medical school and approval of department.
Continuation of 685.

FAMILY PRACTICE* FMP

College of Human Medicine

- 500. Preceptorship Training**
Fall, Winter, Spring, Summer. 1 to 3 credits. 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.
- 580. Special Topics in Family Practice**
Fall, Winter, Spring, Summer. 3 to 6 credits. May re-enroll for a maximum of 18 credits. Approval of department.
A course designed to provide students the opportunity to explore and study special aspects and modes of family-oriented health care delivery.

*Established July 1, 1974.

- 603. Comprehensive Patient Care Clerkship**
Fall, Winter, Spring, Summer. 16 credits. May re-enroll for a maximum of 64 credits. Satisfactory completion of CHM Phases I and II, H M 602; approval of instructor.
A 48-week clerkship designed to be ambulatory based with integrated hospital experience. Students are to meet the objectives of the required Phase III Clerkships. Approved through Summer Term 1979.

- 610. Family Practice Clerkship**
(HM 610.) Fall, Winter, Spring, Summer. 8 to 17 credits. May re-enroll for a maximum of 34 credits. H M 602.
A clerkship in a model family practice unit with graded responsibility and supervision in the care of families and their medical problems with emphasis on primary, continuing and comprehensive care.

FISHERIES AND WILDLIFE F W

College of Agriculture and Natural Resources

- 100. Introduction to Fisheries and Wildlife**
Fall. 1(1-0)
Fisheries and wildlife as a profession. Academic and curricular needs to meet professional objectives, using current management problems as a focus for discussion.
- IDC. Resource Ecology and Man**
For course description, see Interdisciplinary Courses.
- 202. Soils and Man's Environment**
Winter. 3(3-0) Interdepartmental with the departments of Resource Development and Crop and Soil Sciences, and administered by the Department of Crop and Soil Sciences.
Use of soil-water resources in a technological society as it relates to environmental quality. Nature of pollution problems and their possible solutions. Food production and world population.
- 301. Fish and Wildlife of North America**
Winter. 5(3-4) B S 212 or approval of department.
Comparative study of fish and wildlife groups in North America, their significant life history stages, morphology, migrations, habitats and populations. Common species are identified in the laboratory.
- 305. Principles of Fisheries and Wildlife Management**
Spring. 3(3-0) IDC 200 or approval of department. Not open to majors in fisheries-limnology or wildlife-ecology options.
Ecological concepts in management. Effects of regulations, refuges, stocking, species introduction, habitat manipulation, artificial feeding, genetic improvement, land use and control of predators, diseases and competitors on the production of fish and game.