

FAMILY AND CONSUMER SCIENCES

Dr. Frederica L. Kramer, Chairperson

Department Office: Room 113, Family and Consumer Sciences Building

GRADUATE FACULTY AND AREAS OF SPECIALIZATION

FREDERICA L. KRAMER; Ph.D., Purdue University, *Chairperson and Professor of Family and Consumer Sciences*, 1969. Education, Curriculum, Family Economics.

MICHAEL D. BROSNAN; Ph.D., Purdue University, *Associate Professor of Family and Consumer Sciences*, 1972. Child Development and Family Life.

JUDITH C. BYRNE; Ed.D., R.D., University of Cincinnati, *Associate Professor of Family and Consumer Sciences*, 1985. Nutrition Education, Dietetics.

BARBARA A. CLAUSS; Ph.D., Purdue University, *Assistant Professor of Family and Consumer Sciences*, 1993. Family Studies.

SARAH TUCKER HAWKINS; Ph.D., R.D., University of Tennessee, *Professor of Family and Consumer Sciences*, 1974. Nutrition/Food Science, Dietetics.

RAO IVATURI; Ph.D., C.N.S., University of Nebraska at Lincoln, *Associate Professor of Family and Consumer Sciences*, 1986. Nutrition.

KAREN J. RUTHERFORD; M.F.A., Illinois State University, *Professor of Family and Consumer Sciences*, 1983. Textiles and Design.

KAREN SCHMID; Ph.D., University of Minnesota, *Associate Dean of the College of Arts and Sciences and Associate Professor of Family and Consumer Sciences*, 2000. Family Studies.

MARY C. STERLING; M.A., Central Michigan University, *Assistant Professor of Family and Consumer Sciences*, 1999. Interior Design.

Graduate offerings in the Department of Family and Consumer Sciences are designed (1) to meet the needs of students desiring specialization in an area of family and consumer sciences as preparation for professional careers in college and university teaching, business, health care, service, and design and (2) to meet the needs of family and consumer sciences teachers desiring additional preparation for teaching and the completion of the requirements for professionalizing an Indiana Teaching License.

FACILITIES AND SERVICES

The Department of Family and Consumer Sciences is housed in the Family and Consumer Sciences Building, a contemporary structure remodeled in 1988 to meet the current and future needs of the department's programs. The building, located in the center of campus, contains classrooms, laboratories, studios, and student computer facilities.

Members of the Department of Family and Consumer Sciences share their professional expertise with the larger community of Terre Haute by providing consultant and educational services. Graduate faculty are involved with statewide educational grants/projects and research activities. Field experiences in several family and consumer sciences areas are available in Terre Haute and surrounding areas. Each summer one week intensive or two and a half week workshops/classes are offered to meet the needs of

students with “time on campus” restraints.

DEGREE

Master of Science: Family and Consumer Sciences

A student who desires to pursue graduate work in family and consumer sciences should consult the Chairperson of the Department, who will coordinate the assignment of an advisor. This advisor will guide the student in choosing a curriculum and in selecting courses to meet individual interests and needs.

Students seeking the Master of Science degree in family and consumer sciences may choose at least 18 semester hours in one of the following areas: family and consumer sciences education; child development and family life; food and nutrition; textiles, apparel, or interior design; or the inter-area option.

The areas of specialization provide emphasis in the program and permit students to focus course work toward a specific career or vocational goal. Students may select a sequence of course work which cuts across areas of specialization and provides a diverse background in the broad discipline of family and consumer sciences.

Students selecting the food and nutrition option and wishing to qualify for registry eligibility may apply for admission to the Coordinated Program in Dietetics. This program is accredited by the Commission on Accreditation/Approval for Dietetics Education (CAADE) of the American Dietetic Association. Included within the food and nutrition courses are 900 clock hours of preprofessional practice experience. All courses with clinical components must be taken at the undergraduate level since experiences are entry level. Upon completion of this graduate option, a student is awarded an M.S. degree. The graduate is eligible for membership in the American Dietetic Association and to take the national examination to earn the credential of registered dietitian (RD).

During the spring semester each year, students may apply for admission to the Coordinated Program in Dietetics. The program is limited to 12 students per class. A minimum undergraduate GPA of 2.5 is required for entry into the program. Graduate applicants will be interviewed and evaluated along with undergraduates being considered for the program. Complete entrance requirements and applications may be obtained from the director of the program. Students are required to submit a written application, transcripts, two letters of recommendation, and participate in a personal interview. Students who apply to the Coordinated Program but are not admitted may still complete the M.S. degree with an emphasis in food and nutrition.

A student entering the program without undergraduate deficiencies should be able to complete the M.S. and preprofessional practice in two calendar years. If students do not have the appropriate background they will be required to complete the following undergraduate deficiencies (or their equivalents) in order to meet American Dietetics Association Registration eligibility requirements:

Food and Nutrition: 221—3 hrs., 226—3 hrs., 322—3 hrs. (C+ or better required in each class)

Chemistry: 103—3 hrs., 103L—1 hr., 104—3 hrs., 104L—1 hr., 330—4 hrs.

Life Science: 241—2 hrs., 241L—1 hr., Life Sciences 274—2 hrs., 274L—1 hr.

Social and Behavioral Sciences: 9 hours.

Other deficiencies may be met by taking the following graduate courses:

FCS 520

FCS 528

Management 632

Students who wish to professionalize an Indiana Teacher License may do so with the Master of Science degree program in family and consumer sciences (for teacher licensure). These students may choose either one area of specialization or a sequence of courses which cuts across the areas of specialization described above. Additionally, these students must take professional education courses needed to meet licensure requirements. Admission to the teacher licensure program is dependent upon the student's having completed an undergraduate program in family and consumer sciences education.

CURRICULA

Master of Science: Family and Consumer Sciences (32 semester hours minimum)

Research: Curriculum, Instruction, and Media Technology 610--3 hrs.

Major: 18 hours in family and consumer sciences. Students may select (1) an area of specialization--family and consumer sciences education; child development and family life; food and nutrition; or textiles, apparel, or interior design--or (2) an inter-area option comprised of courses from two or more of the above listed areas of specialization.

Other Requirements: 3 additional hours of graduate study outside the department.

Electives: 8 hours.

Culminating Experience: A thesis or a comprehensive written examination, followed by an oral defense.

In general, one-half of the credit hours must be in courses numbered 600 or above.

Master of Science in Family and Consumer Sciences with Specialization in Dietetics (32 semester hours of graduate work and 24 hours of undergraduate clinical and coordinated courses minimum)

Research: CIMT 610—3 hrs. or Counseling 620—3 hrs.

Major: 521—3 hrs.; 523—5 hrs.; 530—5 hrs.; 13 hours of food and nutrition electives at least 9 of which must be 600 level.

Other Requirements: 3 additional hours of 600-level graduate study outside the department.

Clinical and Coordinated Component: 324—2 hrs.; 325—1 hr.; 332—2 hrs.; 333—2 hrs.; 422—3 hrs.; 424—6 hrs.; 431—6 hrs.; 435—2 hrs.

Culminating Experience: A thesis or comprehensive written examination, followed by an oral defense.

Master of Science (For Teacher Licensure in Family and Consumer Sciences--32 semester

hours minimum)

Research: Curriculum, Instruction, and Media Technology 610--3 hrs.

Major: 694--3 hrs.; 695--3 hrs.; an additional 18 hours in family and consumer sciences in (1) an area of specialization--family and consumer sciences education; child development and family life; food and nutrition; or textiles, apparel, or interior design--or (2) an inter-area option comprised of courses from two or more of the above listed areas of specialization.

Other Requirements: Educational Leadership, Administration, and Foundations 605, 607, or 608--3 hrs.

Electives: 2 hours.

Culminating Experience: A thesis or a comprehensive written examination, followed by an oral defense.

This program is designed for individuals who have completed a teacher preparation program; it does not lead to an initial teaching license.

In general, one-half of the credit hours must be in courses numbered 600 or above.

COURSES (FCS)

Family and Consumer Sciences Education

500 Study Abroad--3-6 hours. The resources of various geographic areas; selected aspects of family and consumer sciences. Evidence of individual study is required. Prerequisite: consent of instructor.

571 Recent Trends in Home Management--3 hours. Concepts, issues, and research in the field of home management; implications for the homemaker's management problems.

576 Family Financial Management--3 hours. Development of a conceptual framework for family financial management in a rapidly changing economic environment; major financial alternatives available to families during the life cycle.

581 Organization and Coordination of Vocational Education--3 hours. Study of local, area, state, regional, and federal relationships necessary for effective vocational education. Prerequisite: 381 or equivalent. (Also listed as ASBE 581 and Industrial Technology Education 581.)

593 Philosophy and Methods of Adult Education for Vocational-Technical Programs--3 hours. Principles and techniques of teaching adults; participation in defining adult needs and implementing of programs. Prerequisite: 391 or equivalent.

597ED Special Problems in Family and Consumer Sciences Education--1-3 hours. Additional work in family and consumer sciences education for which the student has a particular interest or need. Prerequisite: consent of instructor.

597EM Special Problems in Family Economics and/or Home Management--1-6 hours. Additional work in family economics or home management for which the student has a particular interest or need. Prerequisite: consent of instructor.

598 Introduction to Techniques of Coordination of Cooperative Education--2 hours. Procedures and role in coordination of cooperative education programs. Prerequisite: 481-581 or consent of instructor. (Also listed as ASBE 598 and Industrial Technology Education 598.)

675 Consumers and the Market--3 hours. Consumption theories, market structures, degrees of competition, and institutional restrictions within the consumption sector of the economy and the implications for individuals and families. Prerequisite: 475 or Economics 200 or 201 or consent of instructor.

676 Readings in Family and Home Management--3 hours. Intensive investigation of literature related to a particular phase of family economics or home management. Prerequisite: consent of instructor.

677 Seminar in Consumer Economics--3 hours. Current trends in consumer economics and their effects on the family. Prerequisite: 301 or 475 or Finance 308 or consent of instructor.

678 Research Problems in Family Economics and Home Management--3 hours. Critical evaluation of research procedures and findings and introductory experiences in research design. Prerequisites: 471-571; 675 or 677; and Curriculum, Instruction, and Media Technology 610.

679 Family Economic Behavior--3 hours. An examination of the family with particular emphasis on consumption, life styles, values, social stratification, and economic behavior.

681 Administrative Techniques of Coordinating Cooperative Education--2 hours. Emphasis on the improvement of coordination techniques for cooperative vocational education. Training plans are analyzed and related to classroom instruction. Every aspect of improving and maturing a cooperative education program is considered. Prerequisite: 498-598 or equivalent. (Also listed as ASBE 681 and Industrial Technology Education 680.)

683 Vocational Curriculum Development and Implementation--3 hours. An advanced course for the secondary and postsecondary vocational administrator which examines the process and procedures in developing, initiating change in, and evaluating vocational curricula in the various disciplines. Prerequisite: consent of instructor. (Also listed as ASBE 683 and Industrial Technology Education 683.)

684 Evaluation in Total Vocational Education Programs--3 hours. Standards, criteria, and instruction for self-study, program approval, and accreditation of total vocational education; national evaluation materials as well as state and self-study materials. Prerequisite: consent of instructor. (Also listed as ASBE 684 and Industrial Technology Education 684.)

692ED Workshop in Family and Consumer Sciences Education--2-6 hours. Family and consumer sciences education based on interests and needs. Course may be repeated for credit up to 6 semester hours with no more than 3 hours in any one area of concentration.

692EM Workshop in Family Economics and Home Management--1-6 hours. Various emphases on family economics and home management based on interests and needs identified in this area.

694 Curriculum Development in Family and Consumer Sciences--3 hours. Curriculum practices, experimental work, and research studies related to family and consumer sciences in secondary schools. Prerequisite: 391.

695 Evaluation in Family and Consumer Sciences--3 hours. Development and use of devices and instruments of evaluation in relation to newer techniques of family and consumer sciences education at the secondary level. Prerequisite: 694 or consent of instructor.

699ED Master's Thesis--6 hours. By arrangement with the chairperson of the student's thesis committee.

699EM Master's Thesis--6 hours. By arrangement with the chairperson of the student's thesis committee.

778 Field Experience in Family Economics and Home Management--1-6 hours. Supervised experiences in family finance and consumer education programs. Prerequisite: consent of instructor.

Child Development and Family Life

536 Child and Family--3 hours. Study of the development and behavior of five-12-year age span. Family influences, child-rearing, and interpersonal relationships will be considered, based on research findings. Prerequisites: 109 or Educational Psychology 202 and Sociology 120, or consent of instructor.

537 Infant Development--3 hours. Development from conception through the second year as influenced by family experiences; observation and participation with infants required. Prerequisite: Psychology 101 or consent of instructor.

538 Child Development--3 hours. Development of the young child as influenced by the home and family environment; observation and participation in the parent nursery required. Prerequisite: Psychology 101 or consent of instructor.

539 Organization and Administration of Preschool Centers--3 hours. Philosophy and management of day care centers, cooperative nursery schools, and Head Start programs; home and community relationships. Prerequisite: 438-538 or Educational Psychology 342 or consent of instructor.

540 Family Life Education in School and Community--2 hours. The development and behavior of adults as influenced by home and family environment. Prerequisites: 336 or equivalent; 438-538 or Educational Psychology 342 or consent of instructor.

541 Family Life Education--3 hours. Current research and theoretical foundations of family life education; methods of teaching, personal adjustment, dating, marriage, and family relationships. Prerequisite: 336 or consent of instructor.

544 Changing Roles of Women--3 hours. The changing and multiple roles of women in Western society; implications for family life, personal development, and education. Prerequisites: Educational Psychology 202, Sociology 120, or consent of instructor.

546 Culturally Disadvantaged Child and Family--3 hours. Problems, needs, related research, current trends, and programs to assist the disadvantaged child and family toward fuller actualization of potentialities for self and society.

549 Practicum in Child Development and Family Life--1-6 hours. Guided experiences in a nursery school day care program, youth club, or family service program. Prerequisite: consent of instructor.

597CDFL Special Problems in Child Development and/or Family Life--1-3 hours. Additional work in child development or family life for which the student has a particular interest or need. Prerequisite: consent of instructor.

642 Literature and Films in Family Life Education--3 hours. Current teaching materials and their use in the teaching of family life education. Prerequisite: 336 or 438-538 or consent of instructor.

647 Seminar in Marriage and Family Life--3 hours. Individual or group study of research and issues in selected areas. Prerequisite: 436-536 or consent of instructor.

692CF Workshop in Child Development and Family Life--2-3 hours. Various emphases in child development and family life based on interests and needs identified in this area.

699CF Master's Thesis--6 hours. By arrangement with the chairperson of the student's thesis committee.

Food, Nutrition, Dietetics, and Institution Management

520 Advanced Nutrition--3 hours. An in-depth study in nutrition dealing with metabolic and physiological interrelationships at the cellular and multi-system level in humans. Prerequisites: FCS 221 or consent of instructor.

521 Nutrition through the Life Cycle--3 hours. Social-psychological and physiological aspects of nourishing healthy individuals throughout the life cycle. Prerequisite: 201 or 221.

523 Medical Nutrition Therapy--5 hours. This course provides the theory and rationale for determining dietary modifications necessary to meet the needs of the body during pathological conditions. Includes oral, as well as other enteral, and parenteral feeding routes. Prerequisites: FCS 221; Life Sciences 241; Chemistry 330.

527 Cultural Aspects of Food--3 hours. Sociological and aesthetic roles of food in cultures. Prerequisite: 226.

528 Food Science--3 hours. Experimental approach to the study of chemical and physical properties of foods. Includes laboratory. Prerequisite: 226.

529 Nutrition in Wellness--3 hours. This course studies the role of food and nutrition in the attainment and maintenance of wellness and emphasizes the need for informed food choices to maximize health and well being.

530 Food Service Systems Management--5 hours. Systems approach to organization and management of institutional food service. Prerequisites: 226 or equivalent; 332 or 333.

597FN Special Problems in Food and/or Nutrition--1-3 hours. Additional work in food or nutrition in which the student has a particular interest or need. Prerequisite: consent of instructor.

622 Community Nutrition--3 hours. Survey methods applying to the nutrition of population groups.

623 Advanced Diet Therapy--3 hours. Methods of treating patients by diet. Physiological and psychological aspects of treatment of the ill. Detailed studies of patients and techniques for recording nutrition histories, dietary counseling, and out-patient instruction. Prerequisite: 422.

624 Methods of Nutritional Investigation--3 hours. Introduction to techniques of nutritional research. Includes laboratory. Prerequisite: 420 or equivalent.

626 Foods--3 hours. Review of pertinent literature and current research in food science and technology. Prerequisite: 226 or equivalent.

629 Seminar in Nutrition--3 hours. Individual or group study of research in selected areas. Prerequisite: 420-520 or equivalent.

634 Advanced Institutional Organization and Management--3 hours. Principles of food service management and methods of personnel administration, cost control, menu planning, food production, and hospital food service facilities. Computerized techniques in food service will be included. Prerequisites: 333, 334, and Accounting 201; or consent of instructor.

635 Research in Food and Nutrition--3-6 hours. Experience in planning, executing, and reporting

introductory studies in food and nutrition research; review of pertinent literature and research investigation. Prerequisite: 420-520 or 428-528 or 629.

692FN Workshop in Food and Nutrition--2-3 hours. Various emphases in food and nutrition based on interest and needs identified in this area.

699FN Master's Thesis--6 hours. Emphasis in food, nutrition, dietetics, or institution management. By arrangement with the chairperson of the student's thesis committee.

Textiles, Apparel, or Interior Design

511 Dress Design--Flat Pattern--3 hours. Creating patterns through the use of pattern design techniques. Prerequisite: 111 or 211 or 311 or consent of instructor.

514 Perspectives of Dress II--3 hours. Social-psychological implications of dress. Prerequisites: 214, 217, 314, or consent of instructor.

515 Resist Techniques in Surface Design--3 hours. An exploration of resist techniques in surface design on textiles using chemical dye processes. Shibori techniques of fold and clamp, stitch, pole-wrapping, and binding resists, batik, and hand painting will be covered. Prerequisites: 101 or Art 102, Family and Consumer Sciences 217, or consent of instructor.

516 Merchandise Buying and Assortment Planning--3 hours. An in-depth study of the roles of merchandise buyers in central, resident, and store buying. Emphasis is placed on buying practices and techniques, market resources, and market trip preparation. Prerequisites: 216 or consent of instructor.

517 Textiles II--3 hours. The selection, use, and care of textiles for homes, businesses, and institutions as well as for personal uses; testing procedures used in the evaluation of textiles. Prerequisite: 217 or consent of instructor.

518 Textiles, Apparel, and Merchandising Work Experience--3 hours. Supervised experiences in business concerned with textiles, apparel, and merchandising, or related fields. Satisfactory/unsatisfactory grades given. Prerequisite: consent of instructor.

519 Recent Trends in Textiles, Apparel, and Merchandising--3 hours. Survey of topics relating to textiles, apparel, and merchandising. Prerequisites: 214, 216, 217, 314, and 316 or consent of instructor.

551 Interior Design Studio IV--3 hours. Study of informational analysis and conceptual development of non-residential design problems.

552 Interior Design Studio V—3 hours. Capstone Senior project incorporating advanced problem solving techniques, technical knowledge, oral and visual communication skills in a comprehensive design

solution.

554 Contemporary Interiors and Furniture—3 hours. Study of the design field after the industrial revolution, emphasizing its role in interior design, architecture, product design, furniture, textiles, art, and accessories.

556 Contemporary Interior Design—3 hours. The study of the design field after the Industrial Revolution, emphasizing the role of the Industrial Revolution as it influences interior design and the complementary services from architecture and product design.

563 Recent Trends in Housing—3 hours. New developments in housing, with emphasis on both private and federal programs. Current theory related to the psychological, sociological, physiological, and economic needs of people. Prerequisite: 363 or consent of instructor.

597ID Special Problems in Interior Design and/or Housing--1-3 hours. Additional work in interior design and/or housing for which the student has a particular interest or need. Prerequisite: consent of instructor.

597TC Special Problems in Textiles, Apparel, or Merchandising--1-3 hours. Additional work in textiles, apparel, or merchandising in which the student has a particular interest or need. Prerequisite: consent of instructor.

615 Teaching Textiles, Apparel, and Merchandising--3 hours. Recent trends in the teaching of generalizations related to the selection and construction of clothing and household textiles. Prerequisites: 111; 217; 391.

618 Research in Clothing, Textiles, and Design--3 hours. Experience in planning, executing, and reporting introductory studies in clothing, textiles, and design research; review of pertinent literature and research investigation. Prerequisite: 419-519.

652 Teaching Interior Design--3 hours. Techniques in teaching interior design; the development of generalizations related to interior design elements, furnishings, and space. Prerequisites: 101 and 391.

692ID Workshop in Interior Design--2-3 hours. Various emphases in interior design based on interests and needs identified in this area.

692TC Workshop in Textiles, Apparel, and Merchandising--2-3 hours. Various emphases in textiles and clothing based on interests and needs identified in this area.

699TC Master's Thesis--6 hours. Emphasis on textiles, clothing, interior design, or housing. By arrangement with the chairperson of the student's thesis committee.

NOTE: Courses in the 500 series are open to undergraduate students as *400 series. Graduate

students are required to do additional work of a research nature. A course completed at the 400 level may not be taken at the 500 level.