

FAMILY AND CONSUMER SCIENCES

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Department Office: Room 112, Family and Consumer Sciences Building

The programs offered in the Department of Family and Consumer Sciences are organized to meet the needs of all college students desiring professional preparation in various family and consumer sciences subject matter areas. All programs are accredited by the American Association of Family and Consumer Sciences.

Student professional organizations in the department include the Student Member Section of the Indiana Association of Family and Consumer Sciences and the American Association of Family and Consumer Sciences, a registered student chapter of the national organization of The American Society of Interior Designers, and the Alpha Phi Chapter of Phi Upsilon Omicron, a national honorary society in family and consumer sciences.

Opportunities for specializations in the Department of Family and Consumer Sciences include Family and Consumer Sciences Education and Occupational Family and Consumer Sciences Education; Child Development and Family Life; Food and Nutrition; Dietetics; Food Service Management; Interior Design; Textiles, Apparel, and Merchandising, and General Family and Consumer Sciences. Minors are also available in Textiles, Apparel, and Merchandising; Interior Design; Child Development and Family Life; General Family and Consumer Sciences; and Food and Nutrition. In addition, an interdisciplinary teaching minor in Family Life Education is available.

GENERAL EDUCATION COURSES. A listing of courses in the Department of Family and Consumer Sciences currently approved for General Education credit appears in the General Education section of this *Catalog*. An updated listing is available from the Office of the Coordinator of General Education.

DEGREE PROGRAMS. Students majoring in the Department of Family and Consumer Sciences may earn the Bachelor of Science degree or the Bachelor of Arts degree.

CORE CURRICULUM

A 9-hour core of courses is required for most majors and some minors in the Department of Family and Consumer Sciences. These courses promote an understanding of principles and commonalities which form a basis for professional specialization, and introduce special career opportunities. These core courses are:

Contemporary and Historic Perspectives of Family and Consumer Sciences: 107--1 hr.

Consumer in the Environment: 108--3 hrs.

Lifespan Development and Nutrition: 109--3 hrs.

Family and Consumer Sciences Professional Seminar: 407--2 hrs.

As exceptions to the core requirement, Family and Consumer Sciences Education majors will not take 108 or 109; instead their commonalities of concepts will be contained in 101, 201, 217, 336, and 475, as required by state licensing regulations. Also, Occupational Family and Consumer Sciences Education major-Secondary majors will take 498 in lieu of 407.

For several departmental curricular patterns, General Education requirements are specified in the biological and physical sciences, the social sciences, and art. These courses present theoretical understandings that are developed further in courses in the Department of Family and Consumer Sciences.

Major and minor programs offered by the Department of Family and Consumer Sciences are described on the following pages. In addition to the successful completion of requirements for the major, the student must satisfy all University requirements for graduation.

FAMILY AND CONSUMER SCIENCES PROFESSIONAL CURRICULA

Child Development and Family Life Major (40 semester hours)

Required courses: 9 hour Family and Consumer Sciences core.

Child Development and Family Life: 236--2 hrs.; 336--3 hrs.; 436--3 hrs.; 437--3 hrs.; 438--3 hrs.; 439--3 hrs.; 440--2 hrs.; 441--3 hrs.

Approved electives: 9 hours.

The department recommends that students take additional courses in sociology, psychology, social work, and early childhood education.

Child Development and Family Life Minor (24 semester hours)

Required Child Development and Family Life: 103 or 336--3 hrs.; 436--3 hrs.; 437--3 hrs.; 438--3 hrs.; 439 or 441--3 hrs.; 440--2 hrs.

Approved related electives: 7 hours.

Family Economics and Home Management Minor (24 semester hours)

For students who choose to major in such areas as communication, business, or education.

Required courses: Family Economics and Home Management: 301--3 hrs.; 366--3 hrs.; 475--3 hrs.; 476--3 hrs.; Child Development and Family Life: 336--3 hrs.; Food and Nutrition: 201--3 hrs.; Interior Design: 363--3 hrs.; Textiles, Apparel, and Merchandising: 214--3 hrs.

Food and Nutrition Major Options

Three options are available for students who wish to major in the Food and Nutrition area: a 74-hour major in Dietetics, a 59-hour major in Food Service Management, and a 60-hour major in Food and Nutrition. Each of these options includes the same food and nutrition base of 21 semester hours.

Option A, the Coordinated Program in Dietetics, is accredited by the Commission on Accreditation/Approval for Dietetic Education (CAADE) of the American Dietetic Association. Graduates are eligible to take the national examination to earn the credential of registered dietitian (RD) and are qualified for entry-level Dietetics positions in acute care facilities, longterm care facilities, community agencies and food services. **Option B** in Food Services Management prepares students for managerial positions in food services. **Option C** is the Food and Nutrition major for students interested in emphasizing food and nutrition in relation to the sciences. Students are prepared for graduate study and research or for positions in the food industry.

Food and Nutrition Base (21 semester hours)

Required courses: 9 hour Family and Consumer Sciences core.

Food and Nutrition: 221--3 hrs.; 226--3 hrs.; 428--3 hrs.; Life Sciences: 274--2 hrs.; 274L--1 hr.

Option A: Coordinated Program in Dietetics (74 semester hours)

This curriculum is fully accredited by the Commission on Accreditation/Approval for Dietetics Education (CAADE) of the American Dietetic Association. The program includes the 9 hour family and consumer sciences core, 10 hours of science, and 3 hours of business plus 52 hours of food and nutrition courses. Included within the food and nutrition courses are 900 clock hours of preprofessional practice experience. Upon completion of the program the student is awarded a B.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).

Students may declare Dietetics as a major upon entering the University or at any time thereafter. This allows students to be advised for courses prerequisite for application to the Coordinated Program. During the spring of the sophomore year, students may apply for admission to the Coordinated Program. The program is limited to 12 students per class. A minimum grade point average of 2.5 and completion of 62 credit hours are required for entry into the program. Prerequisites include Family and Consumer Sciences 221 and 226 (with a C+ or better in each), Chemistry 103/103L and 104/104L, Communication 101, and English 107. One or more of the following may be delayed until after entry into the program with the consent of the program director: Chemistry 330, Life Sciences 241/241L, or 274/274L. The application process includes submitting a written form, transcripts, letters of recommendation, and a personal interview. Complete entrance requirements and applications may be obtained from the director of the program. Students who apply to the Coordinated Program but are not admitted will not be allowed to continue in the Dietetics

major. Some students may elect to wait and reapply to the program the following year. Advisors will work with other students to help them select different majors appropriate to their career interests.

Required courses: 21 hour Food and Nutrition base

Food and Nutrition: 322--3 hr.; 324--2 hrs.; 325--1 hr.; 332--2 hrs.; 333-2 hrs.; 420--3 hrs.; 421--3 hrs.; 422--3 hrs.; 423--5 hrs.; 424--6 hrs.; 430--5 hrs.; 431--6 hrs.; 435--2 hrs.

Chemistry: 330-4 hrs.

Life Sciences: 241--2 hrs.; 241L--1 hr.

Management: 301--3 hrs.

NOTE: Students must take Chemistry 103--3 hrs.; 103L--1 hr.; 104--3 hrs.; 104L--1 hr. as prerequisites for Chemistry 330. These courses meet 8 hours of the University Liberal Studies requirement. Students completing the major will have satisfied the Liberal Studies Scientific and Mathematical Studies requirements.

Option B: Food Service Management (51 semester hours)

This curriculum includes the 9 hour family and consumer sciences core, 3 hours of science, and 12 hours of business in addition to 24 hours of food and nutrition. A co-op/internship career-related work experience is a planned part of this major. To fulfill this requirement students may do either a parallel work experience in the Terre Haute area while taking other classes, or an internship away from Terre Haute during the summer or a regular semester.

Required courses: 21 hour Food and Nutrition base.

Food and Nutrition: 332--2 hrs.; 333--2 hrs.; 430--5 hrs.; 434--3 hrs.; upper division Food and Nutrition elective--3 hrs.

Family Economics and Home Management: 366--3 hrs.

Management: 301--3 hrs.; 400--3 hrs.

Management Information Systems: 276--3 hrs.

Accounting: 201--3 hrs.

NOTE: Students must, also take Chemistry 103--3 hrs.; 103L--1 hr.; 104--3 hrs.; 104L--1 hr. Students completing the major will have satisfied the Liberal Scientific and Mathematical Studies requirements.

Option C: Food and Nutrition Major (52 semester hours)

The 52 hour major includes the 9 hour family and consumer sciences core and 22 hours of sciences in addition to 21 hours of food and nutrition.

Required courses: 21 hour Food and Nutrition base.

Food and Nutrition: 421--3 hrs.; 9 hours of 300-400 level electives.

Chemistry: 321--4 hrs.; 330--4 hrs.; 351--3 hrs., 351L--1 hr.; 352--3 hrs., 352L--1 hr.

Life Sciences: 241--2 hrs.; 241L--1 hr.

NOTE: Students must take Chemistry 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr. as prerequisites for upper level Chemistry courses but counts liberal studies. Students completing the major will have satisfied the Liberal Studies Scientific and Mathematical Studies requirements.

Food and Nutrition Minor (18 semester hours)

This minor is appropriate for students majoring in the sciences, physical education, health-related professions, or business. Approved electives in food and/or nutrition may be directed to meet the interests and needs of the student.

Required courses: Food and Nutrition 201 or 221--3 hrs.; 226--3 hrs.

Approved Food and Nutrition electives: 12 hours (at least 9 hours of which are 300-400 level) from either of the following lists or from a combination of the two:

Foods: 326--3 hrs.; 332--2 hrs.; 333--2 hrs.; 427--3 hrs.; 428--3 hrs.; 430--5 hrs.; 434--3 hrs.

Nutrition: 322--3 hrs.; 324--2 hrs.; 420--3 hrs.; 421--3 hrs.; 423--5 hrs.; 426--3 hrs.; 429--3 hrs.; 497--1-3 hrs.

Interior Design Major

The Interior Design program is a four-year sequential curriculum designed to provide academic preparation for the professional interior designer. This preparation is the first component in the process of formal education, work experience, and satisfactory completion of a qualifying examination. Students are prepared to identify, research, and creatively solve problems pertaining to the function of interior environments in order to enhance quality of life and protect public health, safety, and welfare. The program of study includes programming, design analysis, space planning and aesthetics, knowledge of interior construction, building system components, codes and regulations, equipment, materials, and furnishings, which provides a broad base and intensive background for residential and commercial interior design. Students in this program may become members of the student chapters of the American Society of Interior Designers (ASID) or the International Facility Management Association (IFMA).

Three options are available for students within the Interior Design major: Studio, Interior Merchandising, and Facility Management. These options allow the student to select from a variety of careers upon graduation. All three options emphasize the interaction between humans and their environment, exploring solutions that enhance user satisfaction, productivity, and safety at all stages of the life cycle. The Studio option is course work with emphasis on interior design and construction problems and solutions. The Interior Merchandising option prepares students who are interested in design sales, such as representing products which designers specify. The Facility Management option is for students who are interested in coordinating the physical workplace with the people and work of an large organization. Each student is advised into the most appropriate option by the end of their sophomore year in the program.

Students must complete the following core curriculum in Interior Design by the end of the

sophomore year: FCS 150, 151, 152, and ART 102 (or pre-approved equivalent course work from another school or program). They are advised into one of three options (Studio, Facility Management, or Interior Merchandising) by the conclusion of their sophomore year. Students are admitted into the Studio option upon submission and approval of a portfolio of visual projects and academic work (faculty members consider both in determining admission; ordinarily, students entering the Studio option will have earned an average GPA of 2.50 or higher in the core Interior Design courses and have demonstrated ability in visual projects). Students in the Studio option participate in a supervised internship during or between their third and fourth year.

Option A: Studio (68 semester hours)

Required courses: 9 hour Family and Consumer Sciences core.

Interior Design: 150--2 hrs.; 151--3 hrs.; 152--3 hrs.; 250--3 hrs.; 251—3 hrs.; 252—3 hrs.; 260—3 hrs.; 262—3 hrs.; 351--3 hrs.; 352--3 hrs.; 353—3 hrs.; 354--3 hrs.; 451--3 hrs.; 452--3 hrs.; 454--3 hrs.; 458--3 hrs.

Textiles, Apparel, and Merchandising: 217--3 hrs.

Art: 102—3 hrs.; 271 or 272--3 hrs.

Industrial and Mechanical Technology: 299—3hrs.

Option B: Facility Management (68 semester hours)

Required courses: 9 hour Family and Consumer Sciences core.

Interior Design: 150--2 hrs.; 151—3 hrs.; 152--3 hrs.; 250--3 hrs.; 251—3 hrs.; 260—3 hrs.; 262—3 hrs.; 353--3 hrs.; 451--3 hrs.; 452--3 hrs.; 458--3 hrs.

Art: 102—3 hrs.

Industrial and Mechanical Technology: 299--3 hrs.

Directed Electives (21 hours from the following): Accounting 200—3 hrs.; Administrative Systems/Business Education 330—3 hrs.; Finance 200--3 hrs.; Finance 345—3 hrs.; Insurance 340—3 hrs.; 343—3 hrs.; Mechanical and Construction Technology 304—3 hrs.; Mechanical and Construction Technology 313—3 hrs.; Management 301--3 hrs.; Management 400--3 hrs.; Management Information Systems 276--3 hrs.; Psychology 315--3 hrs.; Systems and Decision Sciences 265—3 hrs.

Option C: Interior Merchandising (68 semester hours)

Required courses: 9 hour Family and Consumer Sciences core.

Interior Design: 150--2 hrs.; 151--3 hrs.; 152--3 hrs.; 250--3 hrs.; 252--3 hrs.; 260--3 hrs.; 354--3 hrs.; *454--3 hrs.; 458--3 hrs.

Textiles, Apparel, and Merchandising: 217--3 hrs.; 313--3 hrs.; 416--3 hrs.; *417—3 hrs.

Marketing: 301—3 hrs.; *344—3 hrs.; *345—3 hrs.; *353—3 hrs.

Art: 102—3 hrs.; 271 or 272—3 hrs.

Industrial and Mechanical Technology: 299—3 hrs.

Indicates courses which may also count for General Education
*Indicates prerequisites included in the curriculum.

Interior Design Minor (23 semester hours)

This minor may be combined with a major in another area, but it is not recognized as preparation for a profession in interior design.

Required Interior Design courses: 150--2 hrs.; 151—3 hrs.; 152--3 hrs.; 250--3 hrs.; 251--3 hrs.; 252--3 hrs.; 260--3 hrs.; 458--3 hrs.
Art: 102—3 hrs.

Textiles, Apparel, and Merchandising Major

The Textiles, Apparel, and Merchandising Program concentrates on preparing students for careers in fashion merchandising. This major is the entry to a career in retailing, one of the fastest growing fields in the United States which offers a person a chance to work in a career that is ever changing and challenging. Retailing requires a keen interest in merchandise, an understanding of the world of fashion as well as business and organizational skills. The student considering a job in retailing will need to have the following characteristics: a suitable educational background, effective human relation skills, good communication and leadership skills, a positive attitude, dedication to hard work, goal oriented, knowledge of the retailing industry, enthusiasm, decision-making skills, and managerial ability. The program offers students the opportunities to learn about functions of retailing, cultural aspects of clothing, analysis of ready-to-wear quality, textiles, history of costume, trends in retailing, global marketing, and principles of design. Careers in fashion merchandising may include assistant buyer or retail buyer; retail management; showroom sales or sales representative, advertising, journalism, or photography as these relate to the fashion industry; visual merchandiser; special events coordinator; fashion promotion; and personal shopper.

Textiles, Apparel, and Merchandising Major (48 semester hours)

Required courses: 9 hour Family and Consumer Sciences core.

Textiles, Apparel, and Merchandising required courses: 111 or 211--3 hrs.; 212--3 hrs.; 214--3 hrs.; 216--3 hrs.; 217--3 hrs.; 314--3 hrs.; 316--3 hrs.; 419--3 hrs.

Textiles, Apparel, and Merchandising electives: 15 hrs.

Concentration Areas

A student majoring in textiles, apparel, and merchandising may select a concentration of 24 hours with the approval of an advisor in textiles, apparel, and merchandising. Two recommended areas of concentration are Merchandising and Communication; other areas may be developed with the

approval of an advisor.

The courses indicated below in the Merchandising or Communication areas comprise suggested plans for concentrated study; they are not official minors. The Merchandising concentration includes the 18 hour Marketing minor. The courses recommended provide an integrated academic program which enhances the professional preparation of the textiles, apparel, and merchandising major.

Merchandising Concentration (24 semester hours minimum)

The Textiles, Apparel, and Merchandising major, combined with a concentration in business, provides background for positions in retailing, promotional work, buying, or fashion coordination.

Required courses: Marketing 301--3 hrs.; 332--3 hrs.; 334--3 hrs.; 353--3 hrs.; plus 6 hours of 300-400-level marketing courses.

Additional Electives for Merchandising Concentration: 6 hours from either Marketing electives or the following courses: Business 201--3 hrs.; 202--3 hrs.; Management 301--3 hrs.; or Management Information Systems 276--3 hrs.

Communication Concentration (24 semester hours minimum)

The Textiles, Apparel, and Merchandising major, combined with a concentration of courses in radio-TV and journalism, prepares students for professional opportunities in communication.

Required courses: Communication 218--3 hrs.; 220--3 hrs.; 290-- 3 hrs.; 330--3 hrs.

Electives: 12 hrs. in other Radio-TV courses or the following Journalism courses: 116--3 hrs.; 301--3 hrs.; 306--3 hrs.; 312--3 hrs.

Textiles, Apparel, and Merchandising Minor (24 semester hours)

A 24 hour minor in Textiles, Apparel, and Merchandising is available to students majoring in other areas, such as art, business, journalism, radio-TV, and speech communication.

Required courses: Textiles, Apparel, and Merchandising: 111 or 211--3 hrs.; 212--3 hrs.; 214--3 hrs.; 216--3 hrs.; 217--3 hrs.; 314--3 hrs.; 316--3 hrs.; 419--3 hrs.

TEACHING CURRICULA

Students pursuing a teaching degree should be thoroughly familiar with the requirements for admission to the Teacher Education Program and the teaching curriculum. Refer to the School of Education and the Department of Curriculum, Instruction, and Media Technology sections in this

Catalog.

The Family and Consumer Sciences Education program is accredited by the National Council for the Accreditation of Teacher Education (NCATE), the Indiana State Department of Education, and the North Central Association for Schools and Colleges.

A student who desires licensure as a family and consumer sciences teacher should contact the Department of Family and Consumer Sciences during the first semester in his or her educational career at Indiana State University. At that time an advisor will be appointed to furnish assistance throughout the student's undergraduate career.

Once on the Teacher Education Program, the student will be pursuing a bachelor's degree from Indiana State University and licensure as a teacher of family and consumer sciences. When selecting General Education courses, students are urged to consider post-baccalaureate plans and licensure in minor teaching areas. While extra courses beyond the 124 hours required to graduate would be necessary, it is worthwhile for family and consumer sciences education majors to choose a minor. The Family Life Education minor, detailed in this section, can be combined with a teaching major with a few additional hours beyond the 124 required for graduation.

Family and Consumer Sciences Education Major

This major may be added to the Senior High-Junior High/Middle School Instructional License and allows the holder to teach family and consumer sciences at all grade levels.

A student may elect one of two major options: Family and Consumer Sciences Education (52 semester hours) or Occupational Family and Consumer Sciences Education (52 semester hours). Each of these options includes the same Family and Consumer Sciences Education base of 42 semester hours. Additional requirements are detailed for each option.

Family and Consumer Sciences Education base (42 semester hours)

Required courses:

Child Development and Family Life: 236--2 hrs.; 336--3 hrs.; 438--3 hrs.; 449--1 hr. or 497CDFL--1 hr.

Family Economics and Home Management: 301--3 hrs.; 366--3 hrs.; 470--3 hrs.; 475--3 hrs.

Food and Nutrition: 201--3 hrs.; 226--3 hrs.; 326--3 hrs.

Interior Design: 101--3 hrs.; 363--3 hrs.

Textiles, Apparel, and Merchandising: 111--3 hrs.; 217--3 hrs.

Option A: Family and Consumer Sciences Education Major (52 semester hours)

Required courses: 42 hour Family and Consumer Sciences Education base.

Family and Consumer Sciences Core Courses: 107--1 hr.; 407--2 hrs.

Family and Consumer Sciences Education: 381--3 hrs.; 481--3 hrs.

Approved Family and Consumer Sciences elective: 1 hr.

NOTES: Family and Consumer Sciences Education majors are advised to select Family and Consumer Sciences Education 498--2 hrs. as an elective in order to facilitate completion of the Occupational Family and Consumer Sciences Education major as an additional licensure pattern.

Required Professional Education: Family and Consumer Sciences 391--3 hrs. is required in the Senior High-Junior High/Middle School Professional Education sequence described in the Department of Curriculum, Instruction, and Media Technology.

**Option B: Occupational Family and Consumer Sciences Education Major
(52 semester hours)**

Required courses: 42 hour Family and Consumer Sciences Education base.

Family and Consumer Sciences Core Course: 107--1 hr.

Family and Consumer Sciences Education: 381--3 hrs.; 481--3 hrs.; 498--2 hrs.

Approved Family and Consumer Sciences elective: 1 hr.

NOTES: Family and Consumer Sciences 391--3 hrs. is included under secondary professional education requirements.

Candidates for the Occupational Education degree option must also complete two years (4,000 clock hours) of successful employment in a recognized family and consumer sciences-related occupation or 1,500 clock hours of supervised work in the occupational family and consumer sciences field under an approved Teacher Education Program--or an equivalent combination.

Professional Opportunities

College graduates who complete the Family and Consumer Sciences Education major are qualified to teach family and consumer sciences at whatever level the program is offered. They are qualified to teach in schools which receive Career and Technical Education reimbursement as well as those which do not. Non-school settings are also challenging, as family and consumer sciences education graduates find employment which allows them to work to improve the quality of life for individuals, families, and communities. Graduates are qualified to teach, demonstrate, plan, lecture, counsel, write, explore, and test by utilizing family and consumer sciences theories and practices. Careers in non-school settings can be found in the Cooperative Extension Service, public utilities, community and family service agencies, wellness programs, hospitals, and retirement and long-term health care facilities.

College graduates who complete the Occupational Family and Consumer Sciences Education major are qualified to teach in all situations identified above for family and consumer sciences education graduates. In addition, those with an Occupational Family and Consumer Sciences Education degree are qualified to teach and coordinate programs which prepare high school students for family and consumer sciences-related occupations. With appropriate electives, they may qualify as family and consumer sciences educators in Cooperative Extension Service, public utilities companies, business, and community and government agencies.

Family Life Education Minor (24-25 semester hours)

This minor may be added to any instructional license. Its coverage is the grade level of the license, with the exception of the All Grade License. Coverage of the Family Life Education minor on the All Grade License is grades 5-12.

Required Family and Consumer Sciences: Child Development and Family Life: 336--3 hrs.; 437--3 hrs.; 438--3 hrs.; 440--2 hrs. or 441--3 hrs.; 449--1 hr.; Family Economics and Home Management: 301--3 hrs.; Food and Nutrition: 201 or 425--3 hrs.

Psychology: 100--3 hrs.

Sociology: 120--3 hrs., 260--3 hrs., or 460--3 hrs.

General Family and Consumer Sciences Major (40 semester hours)

Course requirements for this major are drawn from several subject areas. Since there is flexibility in the selection of electives, the student may achieve depth in one area by careful selection of courses. Electing courses in various areas of the department gives breadth of understanding. Students often choose the General Family and Consumer Sciences major as an addition to their disciplines, such as communication, social work, nursing, or health and safety.

Required courses: 9 hour Family and Consumer Sciences core.

Electives: 31 additional hours from the five family and consumer sciences areas.

General Family and Consumer Sciences Minor (24 semester hours)

Required courses: 9 hour Family and Consumer Sciences core.

Electives: 15 additional hours from family and consumer sciences areas.

WOMEN'S STUDIES

The Department of Family and Consumer Sciences cooperates with other departments in offering an interdisciplinary minor in Women's Studies. (See the Women's Studies section elsewhere in this *Catalog*.)

COURSES (FCS)

Departmental Core Courses

107 Contemporary and Historic Perspectives--1 hour. Orientation to family and consumer

sciences as an academic and a professional area of study; historic development; current issues; professional associations; leadership opportunities; and overview of career possibilities in business, health and social services, and education.

108 Consumer in the Environment--3 hours. The technological society and the growing complexity of environmental issues affects the decisions of families and individuals. This course will address the development of decision-making skills that can be applied to consumer economics in general; clothing, textiles, housing, and interior design in particular.

109 Lifespan Development and Nutrition--3 hours. An overview of developmental and nutritional principles and their application to individual and family change over the lifespan.

407 Family and Consumer Sciences Professional Seminar--2 hours. Entry into the workplace is facilitated by the mastery of skills pertaining to functioning in the business or professional setting. This course will focus on the commonalities of professional practice affecting all students in family and consumer sciences and will include specific assignments relevant to the specialized areas of family and consumer sciences.

General Family and Consumer Sciences Courses

199 Honors Summer Seminar for High School Students--2 hours. For mature high school students who have completed no less than six semesters of high school work. Observing and analyzing the physical, social, and aesthetic needs of people; the man-made environment; and living and working interiors. New trends and the forces affecting housing decisions will be discussed. No previous design or drawing experience is required.

***400 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.

Family and Consumer Sciences Education Courses

381 Principles and Philosophy of Vocational Education--3 hours. Fundamental philosophy, principles, and objectives of vocational education in the various service areas. (Also listed as Administrative Systems and Business Education 381 and Industrial Technology Education 381.)

391 Methods of Family and Consumer Sciences Education--3 hours. Current trends, teaching materials, and teaching procedures; development of objectives, concepts, and generalizations for teaching family and consumer sciences. Prerequisites: Curriculum, Instruction, and Media Technology 300 and 347, or consent of instructor.

392 Practicum in Family and Consumer Sciences Education--1 hour. Simulated teaching experiences. Cooperative student-instructor evaluation of teaching competencies. Prerequisite:

consent of instructor. Course is to be taken concurrently with 391 for majors.

***400 Study Abroad--Family and Consumer Sciences Education.** See General Family and Consumer Sciences 400.

***481 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 Administrative Systems and Business Education 481 and Industrial Technology Education 481.)

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

***497ED 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.

***498 Introduction to Techniques of Coordination of Cooperative Education--2 hours.** Procedures and role in coordination of a cooperative education program. Prerequisite: 481 or consent of instructor. (Also listed as Administrative Systems and Business Education 498 and Industrial Technology Education 498.)

Child Development and Family Life Courses

103 Human Development within the Family Context--3 hours. In-depth individual development within the family context through the various stages; evaluation of current personal development and projections for the future. (*A student taking this course for General Education credit may not take Educational Psychology 221 or Psychology 266 for General Education credit.*) [GE89: B3; GE2000: Social and Behavioral Studies-Elective]

236 Family Health--2 hours. Mental and physical health of the individual and family members; health services available in fostering family health.

336 Family Relationships--3 hours. Interpersonal interaction in contemporary family life; consideration of premarital, husband-wife, parent-child, and sibling relationships.

***400 Study Abroad--Child Development and Family Life.** See General Family and Consumer Sciences 400.

***436 Child and Family--3 hours.** Study of development and behavior of five-12-year-olds. Family influences, child-rearing, and interpersonal relationships will be considered, based on research findings. Prerequisite: 109, or Educational Psychology 202 and Sociology 120, or consent of

instructor.

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

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

***439 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, or Educational Psychology 342, or consent of instructor.

***440 Family Life Education in School and Community**--2 hours. Development and behavior of adults as influenced by home and family environment. Prerequisites: 336 or equivalent and 438, or Educational Psychology 342, or consent of instructor.

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

***444 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 and Sociology 120, or consent of instructor.

***446 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.

***449 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.

***497CDFL 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.

Family Economics and Home Management Courses

301 Family Management and Decision-Making--3 hours. The family and its changing roles in relation to function and use of resources.

366 Energy and Equipment in Residential Design--3 hours. Analyzes important issues that help put into proper perspective the role of energy and equipment as it makes a significant contribution to the quality of life for the consumer. Application of principles and techniques relating to efficient energy utilization and evaluation and use of residential appliances and equipment.

470 Home Management Practicum--3 hours. Participation via real or simulated situations in all phases of family management; emphasis on management, decision-making processes, and utilization of resources. Prerequisites: 301 and 326, or consent of instructor.

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

475 Consumer Education--3 hours. Application of decision-making procedures to current issues and problems which confront the consumer of goods and services in the marketplace.

***476 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.

***497EM 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.

Food, Nutrition, Dietetics, and Food Service
Management Courses

130 Dietary Management I--5 hours. This course combines classroom study with practical experience which prepares the student to assume managerial positions in health care institutional food service. Areas of study include institutional development, normal and therapeutic nutrition, and food production and service. This course, in combination with 131, meets the Dietary Managers Association requirement for eligibility to become certified by passing the Credentialing Examination for Dietary Managers.

201 Fundamentals of Nutrition--3 hours. Principles of nutrition; scientific basis for determination of nutrient requirements and interrelationships of nutrients; application to personal and family health, as well as to national and international health issues. [*GE89: A3; GE2000: Scientific and Mathematical Studies-Elective*]

221 Introduction to Nutrition--3 hours. Relationship of food intake to nutritional status; scientific basis for determination of nutrient requirements and interrelationships of nutrients; includes nutrients needed for energy production, tissue synthesis, and regulatory functions. Prerequisites: Chemistry 103 and 104 or equivalent.

226 Fundamentals of Foods--3 hours. The composition and structure of foods and principles underlying the preparation of standard food products. Includes laboratory.

322 Nutrition Methodology--3 hours. Client focused methods and techniques for collecting data, communicating, and teaching individuals and groups in the practice setting. Theories of adult education, lesson planning, use of technology. Principles of nutrition education and evaluation. Orientation to the profession of Dietetics including career options and professional organizations. Prerequisites: 221 and 226 or permission of instructor.

324 Nutritional Assessment--2 hours. Collection and interpretation of pertinent data relating to the nutritional care of the patient and/or client in the practice setting. Includes anthropometric, biochemical, dietary, historical, and clinical data. Development of patient oriented diet counseling instruction techniques. Prerequisites: 221, 322, CPD students, or permission of instructor.

325 Nutritional Assessment Practicum--1 hour. Application of assessment techniques in supervised clinical and community settings. Prerequisites: 211, 322. CPD students only. To be taken concurrently with 324.

326 Meal Management--3 hours. Application of principles of nutrition, food preparation, and management to meal service as influenced by the family social unit. Includes laboratory. Prerequisite: 226.

332 Management of Quantity Food Production--2 hours. Quality management at all stages from menu planning through service. Prerequisite: 226 or equivalent.

333 Management of Quantity Food Production Practicum--2 hours. Quantity food practice in a quantity food production setting. Participation in the various aspects of food service systems: production, use of equipment, service, receiving, storage. Continuous quality improvement will be stressed. Prerequisites: 226 or equivalent. Course is open to Dietetics or Food Service Management students or to students with permission of the instructor *only*. Requirement: concurrent enrollment in 332.

***420 Advanced Nutrition**--3 hours. An in-depth study in nutrition dealing with metabolic and physiological interrelationships at the cellular and multisystem level in humans. Prerequisite: 221 or consent of instructor.

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

422 Nutrition Through the Lifecycle Clinical Practicum--3 hours. Supervised food and nutrition experiences in community and health care settings. Prerequisites: 221, 322. Dietetic students only. Requirement: concurrent enrollment in 421.

***423 Medical Nutrition Therapy**--5 hours. Basis for 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: 221; Life Sciences 241; Chemistry 330.

424 Medical Nutrition Therapy Practicum--6 hours. Supervised experiences in hospitals and nursing homes, coordinated with didactic portion of 423. Sixteen hours clinical assignments and two hours of discussion weekly. Prerequisite: Open to Dietetics students only. Requirement: concurrent enrollment in 423.

426 World Hunger and Nutrition--3 hours. Study of world hunger, its extent, etiology, and remedial measures. Global emphasis on nutritional concerns of chronically hungry individuals and populations. Dietary deficiency and its effects on overall health. Ramifications of hunger at the national and international level. Prerequisite: 201 or 221. [*GE89: B2,E1; GE2000: Social and Behavioral Studies-Elective*]

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

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

***429 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.

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

431 Food Service Systems Management Practicum--6 hours. Supervised experiences in management of food service systems in hospitals, nursing homes, and schools. Eighteen-hour weekly clinical assignment. Prerequisite: open to Dietetics students only. Requirement: concurrent enrollment in 430.

434 Food Service Systems II--3 hours. Supervised work experience in management of food service. Includes laboratory. Prerequisite: 334 or equivalent.

435 Individual Study in Dietetics--2 hours. Directed study in an area of particular interest or need. Six-hour weekly clinical assignment. Prerequisite: open to Dietetics students only.

***497FN 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.

Interior Design Courses

101 Applied Design--3 hours. The development of values and judgments through the study of design as applied to the visual environment, clothing, interiors, housing, and community.

150 Introduction to Interior Design--2 hours. A survey of the interior design profession and related topics in the field. Readings, visuals, and discussions will give an overview of the designer's involvement in society.

151 Design Fundamentals--3 hours. Exploring depth, space, and mass, with specialized problems in three-dimensional design as related to interiors.

152 Interior Design Graphics I--3 hours. Studio introduction and development of technical drawing skills as a means of graphic communication.

250 Materials and Finishes of Interior Design--3 hours. Survey of interior components. Emphasis on function, installation, care, and maintenance. Design projects will support and emphasize discussion material.

252 Interior Design Graphics II--3 hours. Studio introduction and development of visual presentation techniques--perspectives, color rendering, and advanced drafting methods. Prerequisite: 152.

260 Interior Construction and Detailing—3 hours. Lecture and studio. Construction systems and methods applied in working and detail drawings. Discussion of liability, fire safety, and environmental concerns. Custom design, product evaluation, cost estimating, and specification writing projects with CAD applications. Prerequisite: 152.

262 Interior Lighting and Color Theory--3 hours. Lecture and studio applications of technical, aesthetic, and psychological uses of light, lighting fixtures, and their relationships to color.

350 Environmental Psychology—3 hours. An overview of current research and theories regarding the relationship between people and their physical environment built and natural. Exploration of various supportive roles the environment plays in human behavior and identification of scientific methods used to assess, understand, and improve the “fit” of environments for their users. Also listed as Psychology 350. [*GE89: B3; GE2000: Social and Behavioral Studies-Elective*]

351 Interior Design Studio II—3 hours. Schematic development and application of problem-solving processes to small-scale living and working environments. Prerequisite: 251

352 Interior Design Studio III--3 hours. Advanced programming, schematics, and design development and application of building codes and universal design to adaptive use and restoration projects. CAD applications. Prerequisites: 351 and Industrial and Mechanical Technology 299.

353 Internship--3 hours. Supervised experience in business and professional practices in interior design, facility management or related interior design field. Prerequisites: junior or senior standing, and pre-approval of instructor.

354 Traditional Interiors--3 hours. The development of Western world interiors, furnishings, and architecture from antiquity through the mid-nineteenth century. The economic, social, political, and technological factors that shaped change. Prerequisites: Art 271/Humanities 251 and Art 272/Humanities 252, or consent of instructor. [*GE89: C2,D1; GE2000: Literary, Artistic, and Philosophical Studies-Elective*]

363 Introduction to Housing--3 hours. Survey of housing from behavioral, economic, legal, social, and technical points of view. Emphasis on real estate, special-needs, and life-cycle housing.

***400 Study Abroad--Interior Design and Housing.** See General Family and Consumer Sciences 400.

***451 Interior Design Studio III**--3 hours. Study of informational analysis and conceptual development of non-residential design problems. Prerequisite: 352 or consent of instructor.

452 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. Prerequisite: 451.

453 Advanced Internship—3 hours. Supervised experience in business and professional practices in interior design, facility management or related design field. Prerequisite: junior or senior standing and consent of instructor.

454 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. Prerequisite: 354.

455 American Interiors and Furniture--3 hours. A continuation of 354. The development of American interiors and furniture, with emphasis on the forces shaping contemporary design. Prerequisite: 354 or consent of instructor.

456 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.

458 Professional Practices and Procedures--3 hours. Lecture and discussion of business practices and procedures, contract documents, and ethical issues in interior design and related fields. Preparation to seek positions in the interior design, facility management, and interior merchandising fields. Prerequisite: junior standing.

464 Design of Housing--3 hours. Housing forms and total residential environments as they are shaped by the physical, social, psychological, and economic needs of people today. Conventional and industrial construction theories will be considered. Prerequisites: 363 or Manufacturing and Construction Technology 216, and consent of instructor.

***497ID Special Problems in Interior Design and/or Housing**--1-3 hours. Additional work in interior design or housing for which the student has a particular interest or need. Prerequisite: consent of instructor.

Textiles, Apparel, and Merchandising Courses

111 Clothing I--3 hours. Basic clothing construction techniques, pattern alterations, and use of commercial patterns.

211 Intermediate Clothing--3 hours. Experimentation in and analysis of design and fit of garments; intermediate construction techniques. Prerequisites: 111, passing grade on Clothing Placement Examination, or consent of instructor.

212 Evaluation of Ready-to-Wear Apparel--3 hours. Identification of physical features which affect apparel quality. Analysis of ready-to-wear apparel to identify features which produce desirable aesthetic and functional performance. Prerequisites: 111 or 211; and 217.

214 Perspectives of Dress I--3 hours. The impact of culture on clothing and related behavior is investigated from aesthetic, physical, and technological perspectives. Non-Western dress is emphasized. [*GE89: B2,E2; GE2000: Multicultural Studies-International Cultures*]

216 Introduction to Fashion Merchandising--3 hours. An exploration of the fashion business emphasizing the fundamentals of fashion and the basic principles of fashion movement and change. In addition, this course will suggest guidelines to those students pursuing careers in fashion merchandising starting with entry-level positions.

217 Textiles I--3 hours. The study of textiles concerning fiber, yarn, fabric construction, and finishes which affect the selection, use, and care of textiles.

312 Weaving I--3 hours. An exploration of four-harness weave structures, tapestry and rug techniques, color, and concept problems. Prerequisite: 108 or consent of instructor. (Also listed as Art 350.)

313 Quantitative Analysis of Merchandising--3 hours. The delineation of the essential concepts, practices and procedures used in the analysis of merchandising organizations. Prerequisites: 216 and junior or senior standing, or consent of instructor.

314 History of Costume--3 hours. A history of Western dress from ancient times to the twentieth century.

Emphasis on representative style and change over time. Prerequisites: 214; 217.

315 Weaving II--3 hours. A continuing exploration of four-harness and multi-harness weave structures and off-loom structures. Prerequisites: 108 and 312, or consent of instructor. (Also listed as Art 351.)

316 Fashion Analysis--3 hours. Integrative study of the elements of fashion used in fashion analysis and forecasting. Prerequisites: 214, 217, 314.

400 Study Abroad--Textiles and Clothing. See General Family and Consumer Sciences 400.

412 Apparel Market Experience--2 hours. Supervised work experience with apparel manufacturers and sales representatives in the marketplace. Satisfactory/unsatisfactory grades given. Prerequisites: senior standing and consent of instructor.

***414 Perspectives of Dress II**--3 hours. Social-psychological implications of dress. Prerequisites: 214, 217, 314, and junior or senior standing or consent of instructor.

***415 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, 217, or consent of instructor.

***416 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 and junior or senior standing, or consent of instructor.

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

***418 Textiles, Apparel, and Merchandising Work Experience**--3 hours. Supervised experiences in business concerned with textiles, apparel, and merchandising. Satisfactory/unsatisfactory grades given. Prerequisites: junior or senior standing or current registration in the Professional Practices Program, and consent of instructor.

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

***497TC 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.

*Open to graduate students. Graduate students are required to do additional work of a research nature.