

## Family Consumer Science

College of Allied Health & Nursing  
Department of Family Consumer Science  
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Web site: <http://ahn.mnsu.edu/fcs/>

Chair: Jill Conlon

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The mission of the Department of Family Consumer Science is to promote the well-being of people, the enrichment of quality environments, and to prepare men and women to assume essential professional roles in a culturally diverse global society. The comprehensive program provides training for professional roles within dietetics, family consumer science education, Child Development and Family Studies, and food and nutrition.

**Declaring an FCS Major.** Students may declare an FCS major at any point in their academic program. Upon declaring an FCS major, an advisor is assigned. Full admission to the department and major requires:  
- a minimum of 32 earned semester credit hours.  
- a minimum cumulative GPA of 2.5 ("C").  
Contact the department for application procedures.

**GPA Policy.** All courses required for an option must be at "C" level or higher.

**P/N Grading Policy.** All FCS courses required for an option must be taken for a grade, except where P/N grading is mandatory.

### FAMILY CONSUMER SCIENCE, BS

**Required for Major (Core, 3 credits).** This core is required for all options.  
FCS 101 Introduction to Family Consumer Science (3)

**Required for Major (Option).** Select one of the following options to correspond with personal and professional objectives:

#### DIETETICS OPTION

The Dietetics Option\* promotes growth among students wanting to become competent dietetics professionals by providing the 'highest practicable quality' advisory, academic, real-life and interactive opportunities while at Minnesota State Mankato, and by developing confidence and competence to advance after graduation to Dietetics Internship, graduate programs and/or related employment.

A student who chooses to become a Registered Dietitian (RD) upon graduation from Minnesota State Mankato will also need to:

- Meet published requirements to receive a Verification Form from the Dietetics Director.
- Apply, be accepted and complete a supervised practice program (Dietetic Internship).
- Pass a national registration examination.

Minnesota State Mankato faculty are committed to positioning majors for successful transition from Minnesota State Mankato to Dietetic Internship and beyond. Regular and continuous advising is recommended to be successful.

Graduates are employed as RDs or non-RD nutritionists in health care; community, public health, and corporate fitness settings or as members of food management teams.

\* The Dietetics Option, a Didactic Program in Dietetics (DPD) of the American Dietetic Association (ADA), is accredited by the Commission for Accreditation for Dietetics Education of the ADA, 120 South Riverside Plaza, Suite 2000 (800-877-1600).

#### **Required General Education**

BIOL 105	General Biology I (4)
CHEM 106	Introduction to Chemistry for Allied Health (3)
ENG 101	Composition (4)
IT 100	Introduction to Computing and Applications (4)
MATH 112	College Algebra (4)
SOC 101	Introduction to Sociology (3)
(Choose 3 credits)	
CMST 100	Fundamentals of Communication (3)
CMST 102	Public Speaking (3)
(Choose 3 credits)	
ETHN 101	Introduction to Multicultural & Ethnic Studies (3)
ETHN 150	Multi-Cultural/Ethnic Experience (3)
(Choose 3 credits)	
POL 103W	Thinking about Politics (3)
POL 111	United States Government (3)

#### **Prerequisites to the Major**

BIOL 220	Human Anatomy (4)
BIOL 230	Human Physiology (4)
CHEM 111	Chemistry of Life Processes (5)
CSP 471	Interpersonal Helping Skills (3)
ENG 271	Technical Communication (4)
HLTH 321	Medical Terminology (3)
PSYC 101	Psychology (4)
(Choose 3 credits)	
HLTH 475	Biostatistics (3)
STAT 154	Elementary Statistics (3)

#### **Major Common Core**

FCS 101	Introduction to Family Consumer Science (3)
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#### **Major Emphasis: Dietetics** (2 credits from FCS 497 required)

FCS 150	Food, Culture and You (3)
FCS 240	Nutrition I (3)
FCS 252	Food Service Systems I (3)
FCS 340	Food Science (4)
FCS 342	Food Production Management (3)
FCS 350	Food Service Systems II (3)
FCS 420	Nutrition Assessment (3)
FCS 440	Nutrition II (3)
FCS 442	Clinical Dietetics I (3)
FCS 444	Experimental Food Science (3)
FCS 446	Lifespan Nutrition (3)
FCS 448	Clinical Dietetics II (3)
FCS 483	Adult and Technical Education in Family Consumer Science (2)
FCS 492	Dietetics Seminar (2)
FCS 497	Internship (1-6)

#### CHILD DEVELOPMENT AND FAMILY STUDIES OPTION

This option helps prepare students to work with children, adults and families in a variety of human services, educational and community settings.

#### **Required General Education**

FCS 100	Personal and Family living (3)
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#### **Major Common Core**

FCS 101	Introduction to Family Consumer Science (3)
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#### **Major Restricted Electives** (Choose 6 credits)

FCS 120	Clothing and People (2)
FCS 140	Introduction to Nutrition (3)
FCS 150	Food, Culture and You (3)
FCS 280	Orientation to Family Consumer Science Education (2)
FCS 331	Textiles and Clothing Construction (3)
FCS 473	Consumer Protection (3)

## FAMILY CONSUMER SCIENCE

### Child Development and Family Studies (Choose 18 credits)

FCS	230	Child Care Psychology (3)
FCS	270	Family Housing (2)
FCS	402	Play and Child Development (3)
FCS	403	Parents and Peers and Adolescent Development (3)
FCS	446	Lifespan Nutrition (3)
FCS	474	Residential Management for Families & Special Needs People (4)
FCS	478	Family Finance (2)
FCS	483	Adult Education in Family Consumer Science (2)
FCS	484	Program Development in Family Consumer Science (4)
FCS	495	Intern: Early Child Family (3-4)
FCS	496	Selected Topics: FLCD
FCS	497	Internship (1-6)
FCS	498	Undergraduate Internship (1-6)

### **Major Emphasis: Child Development and Family Studies**

FCS	275	Consumers in the Economy (3)
FCS	301	Lifespan Development (3)
FCS	311	Family Life and Sex Education (3)
FCS	400	Culturally Diverse Family Systems (3)
FCS	401	Family Life Development (3)
FCS	414	Family Policy and Ethics (3)
FCS	482	Teaching Family Life/Parent Education (2)
FCS	488	Parenting Education (3)
FCS	496	Selected Topics: FLCD (2-3)

### **FLCD Options (choose 13-16 credits)**

FCS	303	Working with Families (2)
FCS	408	Family Life Dynamics (3)
FCS	416	Pre-School Child (2)
FCS	446	Lifespan Nutrition (3)
FCS	474	Residential Mgmt. for Families and Special Needs People (4)
FCS	478	Family Finance (2)
FCS	483	Adult and Technical Education in Family Consumer Science (2)
FCS	496	Selected Topics: FLCD (2-3)

### **Minor**

Choose 16-36 credits from any minor - any discipline 100-499

Students may also take select courses from the FLCD Options category without advisor approval. Other courses may be selected with advisor approval and a substitution/waiver form will need to be filed with the Office of the Registrar.

### **Becoming a Certified Family Life Educator (CFLE)**

The Child Development and Family Studies program has been approved by the National Council on Family Relations. Minnesota State Mankato graduates with an FLCD major or minor who have taken the approved courses are eligible to become Certified Family Life Educators. Being a CFLE recognizes a broad understanding of family life issues. Certification is available to professionals from all disciplines who have met the requirements.

### **Required Minor: None.**

### **FOOD AND NUTRITION OPTION**

This option prepares graduates for various careers in health promotion wellness, food service, and/or nutrition, (such as restaurant or school lunch management); research and development or quality assurance in the food industry; and/or in corporate food distribution, production, sales and service. A supervised internship during the major allows students to gain experience in a particular area of interest. While a minor is not required, it is strongly recommended in order to improve employment opportunities.

### **Family Consumer Science Core (3 credits)**

FCS	101	Introduction to Family Consumer Science (3)
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### **Required for Major (33 credits)**

FCS	150	Food, Culture and You (3)
FCS	240	Nutrition I (3)
FCS	340	Food Science (2)
FCS	440	Nutrition II (3)

FCS	444	Experimental Food Science (3)
FCS	446	Lifespan Nutrition (3)
(Choose a minimum of 2 credits from the following)		
FCS	497	Internship (1-6)
FCS	498	Undergraduate Internship (1-6)

**Required Support Courses** Choose a minimum of 12 credits (6 credits must be from FCS) from the following\*:

BIOL	270	Microbiology (4)
BIOL	478	Food Microbiology and Sanitation (4)
FCS	252	Food Service Systems I (3)
FCS	275	Consumers in the Economy (3)
FCS	342	Food Production Management (3)
FCS	350	Food Service Systems II (3)
FCS	420	Nutrition Assessment (3)
FCS	439	Nutrition for Physical Activity and Sport (3)
FCS	442	Clinical Dietetics I (3)
FCS	454	Sensory Evaluation and Food Product Development (3)
FCS	473	Consumer Protection (3)
FCS	478	Family Finance (2)
FCS	483	Adult and Technical Education in Family Consumer Science (2)
HLTH	260	Introduction to Health Education (4)
HLTH	361	Health Communications (4)

### **Non-FCS Required Courses (23 credits)**

BIOL	220	Human Anatomy (4)
BIOL	230	Human Physiology (4)
CHEM	106	Introduction to Chemistry for Allied Health (3)
CHEM	111	Chemistry of Life Processes (5)
ENG	271	Technical Communication (4)
STAT	154	Elementary Statistics (3) <b>OR</b>
HLTH	475	Biostatistics (3)

### **Required Electives\* (25 credits)**

Consult with your advisor for selection of electives

### **Gen. Ed. (44 credits)**

### **Required Minor: None**

\*Please note that at least 42 of the required and elective credits must be at 300-400 level.

### ***FAMILY CONSUMER SCIENCE EDUCATION BS TEACHING***

This option prepares men and women to teach family consumer science in grades 5-12 and for other education-related professions.

### **Family Consumer Science Core (3 credits)**

FCS	101	Introduction to Family Consumer Science (3)
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### **Required for Option (51 credits)**

FCS	100	Personal and Family Living (3)
FCS	120	Clothing and People (2)
FCS	140	Introduction to Nutrition (3)
FCS	270	Family Housing (2)
FCS	275	Consumers in the Economy (3)
FCS	280	Orientation to Family Consumer Science Education (2)
FCS	301	Lifespan Development (3)
FCS	311	Family Life and Sex Education (3)
FCS	331	Textiles and Clothing Construction (3)
FCS	340	Food Science (4)
FCS	400	Culturally Diverse Family Systems (3)
FCS	401	Family Life Development (3)
FCS	416	Pre-School Child (2)
FCS	474	Residential Mgmt. for Families and Special Needs People (4)
FCS	482	Teaching Family Life/Parent Education (2)
FCS	483	Adult and Technical Education in Family Consumer Science (2)
FCS	484	Program Development in Family Consumer Science (4)
FCS	488	Parenting Education (3)

## FAMILY CONSUMER SCIENCE

### Required for Major (Professional Education, 30 credits)

See the SECONDARY EDUCATION section for admission requirements to Professional Education and a list of required professional education courses.

### Required Minor: None

### FAMILY CONSUMER SCIENCE MINOR

The Department of Family Consumer Science offers a flexible minor consisting of 20 semester hours of approved FCS courses or other courses approved by advisor. Students may work with an FCS advisor to select the courses that will be most helpful. However, most students will benefit from a minor with one of three focus areas below.

#### FOOD AND NUTRITION

Students majoring in Nursing, Human Performance, Dental Hygiene, Food Science Technology, Community Health, or other similar majors can benefit from a Food and Nutrition minor.

#### Required courses (16 credits):

FCS	140	Introduction to Nutrition (3)
FCS	240	Nutrition I (3)
FCS	340	Food Science (4)
FCS	440	Nutrition II (3)
FCS	446	Lifespan Nutrition (3)
(May select 4 credits below)		
FCS	100	Personal and Family Living (3)
FCS	101	Introduction to Family Consumer Science (3)
FCS	252	Food Service Systems I (3)
FCS	275	Consumers in the Economy (3)
FCS	301	Lifespan Development (3)
FCS	303	Working with Families (2)
FCS	350	Food Service Systems II (3)
FCS	400	Culturally Diverse Family Systems (3)
FCS	401	Family Life Development (3)
FCS	408	Family Life Dynamics (3)
FCS	436	Nutrition in Exercise and Sport (3)
FCS	444	Experimental Food Science (3)
FCS	445	Food Preservation (2)
FCS	475	Family Policy (2)
FCS	483	Adult Education in Family Consumer Science (3)
FCS	497	Internship (1-6) <b>OR</b>
FCS	498	Undergraduate Internship (1-6)

#### CHILD DEVELOPMENT AND FAMILY STUDIES

A minor with a focus in Child Development and Family Studies is useful to a variety of students going into professions related to health and human services, especially those who will work with children and families. Students may choose any combination of 20 credits from the categories below for a minor. Other courses may be chosen with advisor approval. A minor in this area can enable students to become Certified Family Life Educators through National Council on Family Relations.

#### Family Relations

FCS	100	Personal and Family Living (3)
FCS	401	Family Life Development (3)
FCS	408	Family Life Dynamics (3)

#### Parenting

FCS	488	Parenting Education (3)
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#### Cultural Diversity (cultural diversity core course)

FCS	400	Culturally Diverse Family Systems (3)
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#### Child/Human Development

FCS	230	Child Care Psychology (3)
FCS	301	Lifespan Development (3)
FCS	416	Pre-School Child (2)
FCS	446	Lifespan Nutrition (3)

#### Family-life Education

FCS	311	Family Life and Sex Education (3)
FCS	482	Teaching Family Life/Parent Education* (2)
FCS	483	Adult Education in FCS* (2)

#### Family Resource Management

FCS	275	Consumers in the Economy* (3)
FCS	474	Residential Management for Families & Special Needs People* (4)
FCS	478	Family Finance (2)

#### Family Law and Policy

FCS	475	Family Policy* (2)
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#### FLCD Related

FCS	101	Introduction to Family Consumer Science (3)
FCS	270	Family Housing (3)
FCS	496	Selected Topics (2-3)
FCS	303	Working with Families (2)

#### Internship (may choose 3 hours FCS 495 or FCS 497)

### CONSUMER STUDIES

Professionals in this business related area usually work with people in professions such helping consumers get the best product or service for their money, advocating for a good availability of choices, resolving consumer complaints to achieve fair solutions, and helping consumers with a variety of money management issues.

#### Core Course

FCS	101	Introduction to Family Consumer Science (3)
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#### Consumer Related Courses

FCS	376	Household Equipment (3)
FCS	275	Families in the Economy (3)
FCS	473	Consumer Protection (3)
FCS	474	Residential Mgmt. for Families and Special Needs People (4)
FCS	475	Family Policy (2)
FCS	478	Family Finance (2)

(May count one of the following)

FCS	140	Introduction to Nutrition (3)
FCS	120	Clothing and People (2)
FCS	270	Family Housing (2)
FCS	303	Working with Families (2)
FCS	483	Adult Education in Family Consumer Science (2)
FCS	496	Topics (2-3)
FCS	498	Internship (1-3)

#### Strongly Recommended Electives

MRKT	310	Principles of Marketing (3)
MRKT	316	Consumer Behavior (3)

### COURSE DESCRIPTIONS

#### FCS 100 (3) Personal & Family Living

Emphasizes individual growth and interpersonal relationships within our diverse society. Focuses on issues such as interpersonal communication, conflict resolution, mate selection, marriage and family issues, family strengths, stress and crises, parenting decision-making and parent-child relationships, resource management, and personal and family financial issues.

Fall, Spring  
GE-5

#### FCS 101 (3) Introduction to Family Consumer Science

An overview of the scope of family consumer sciences and the career potentials of the profession.

Fall, Spring

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## FAMILY CONSUMER SCIENCE

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### **FCS 120 (2) Clothing and People**

Relationship of clothing to people from cultural, social, psychological, economic and aesthetic perspectives.

Fall

Diverse Cultures - Purple

### **FCS 140 (3) Introduction to Nutrition**

An introductory nutrition class which emphasizes the scientific method and natural science principles from biochemistry, physiology, chemistry, and other sciences to explain the relationships between food and its use by the human body for energy, regulation, structure, and optimal health.

Fall, Spring

GE-3

### **FCS 150 (3) Food, Culture and You**

Introduces students to basic food preparation and culinary techniques. Students look at different cultures and the roles of individuals and nations in a global context using food habits as a model.

Spring

### **FCS 220 (3) Introduction to Fashion Merchandising**

Variable

### **FCS 221 (3) Apparel Design: Flat Pattern**

Variable

### **FCS 230 (3) Child Care Psychology**

Principles of psychology applied to child rearing.

### **FCS 240 (3) Nutrition I**

The science of six nutrient classes, including digestion through metabolism.

Pre: Chemistry background

Fall, Spring

### **FCS 252 (3) Food Service Systems I**

Principles of food services operations related to menu planning, standardized recipes, production and service for profit and nonprofit settings. Includes the NRA ServSafe certification.

Fall

### **FCS 270 (2) Family Housing**

Physical, psychological, social, and managerial aspects of housing. Reciprocal relationship between housing and people. Guidelines and basic principles in planning for individual and family needs.

Spring

### **FCS 275 (3) Consumers in the Economy**

Economic decision making related to achieving maximum satisfaction from resources spent in the marketplace on housing, food, clothing, transportation, and other dimensions of the family. Basic information about the functions and responsibilities of the consumer, laws and agencies affecting consumer well-being and sources of help.

Fall

### **FCS 280 (2) Orientation to Family Consumer Science Education**

Nature and scope of family consumer science education as a professional career. Identification of personal competencies and interests. Presentation of varied teaching methods and techniques.

Spring

### **FCS 281 (3) Aesthetic Applications in Family Consumer Science**

Hands on applications of aesthetics in family consumer science using family consumer science computer software. Exploration of the historical, cultural, behavioral and technological influences on aesthetics within the context of family consumer science.

Variable

### **FCS 301 (3) Lifespan Development**

Study of the family from a historical perspective; in terms of the family system and the broader ecological system; in terms of stresses faced and coping

responses. This course will address issues at each of four life stages: infancy and early childhood; the school years; transition from school to adult life; and the adult years.

Fall

### **FCS 303 (3) Working With Families**

Study of the role of the family in the development of the young child. Provide teachers and care providers with knowledge and understanding of family systems and appropriate interactions with families. Students will participate in a service learning activity.

Fall, Spring

### **FCS 311 (3) Family Life and Sex Education**

Explores biological, physiological, and sociological perspectives of human sexuality. The course examines personal and family relationships and addresses family life and sex education teaching methods for school and community settings.

Spring

### **FCS 331 (3) Textiles and Clothing Construction**

Principles and hands on application of textiles and clothing construction. Emphasis placed on consumer perspective and understanding basic construction skills for personal or home furnishings use.

Spring

### **FCS 340 (4) Food Science**

Study of why, how, and when physical and chemical phenomena occur during the preparation of food and its products. Includes discussion and laboratory experience demonstrating how preparation methods affect food quality, composition, and nutritive value.

Pre: FCS 150

Fall

### **FCS 342 (3) Food Production Management**

Planning, preparing and serving meals with emphasis on effective management, nutritive needs, purchasing, and equipment. Includes quantity food service laboratory.

Pre: FCS 252, FCS 340, FCS 350

Spring

### **FCS 350 (3) Food Service Systems II**

Principles of food services management related to budgeting, food safety and operational sanitation, analysis and control of quality and quantity in institutional and public food service operations.

Pre: FCS 252

Spring

### **FCS 370 (3) Housing and Lifestyle**

Issues in lifestyle housing, e.g. aging, children, special needs, low income, head of family, and single person households. Study of housing types and designs including solar and earth sheltered. Constraints, deficiencies and evaluation of housing issues.

Pre: FCS 270

Variable

### **FCS 376 (2) Household Equipment**

### **FCS 400 (3) Culturally Diverse Family Systems**

An analysis of culturally diverse family systems in America; emphasis on relationships within the family and with the larger community across the family life cycle.

Fall

Diverse Cultures - Purple

### **FCS 401 (3) Family Life Development**

The course is a study of development through the family life cycle. Emphasis on developmental interaction and systems theory.

Spring



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## FAMILY CONSUMER SCIENCE

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### **FCS 402 (3) Play and Child Development**

An examination of the important role that play has in the cognitive, emotional, physical, and social development of the child from birth to adolescence.  
Summer

### **FCS 403 (3) Parents and Peers and Adolescent Development**

Examination of how adolescents' development are affected by their relationships with their parents and with their peers.  
Spring

### **FCS 408 (3) Family Life Dynamics**

Same as SOC 408.

### **FCS 414 (3) Family Policy and Ethics**

An examination, analysis, and application of the impact of law, public policy, and ethical principles on family life.  
Spring

### **FCS 415 (1-2) Student Organization**

The teacher-coordinator's role as a vocational club advisor.  
Variable

### **FCS 416 (2) Pre-School Child**

Study of preschool child by observation and participation in nursery school setting.  
Variable

### **FCS 420 (3) Nutrition Assessment**

In-depth study and practice of Nutrition assessment techniques including dietary histories, anthropometrics, physical signs and symptoms, and laboratory interpretation in various age groups and conditions. Students will use findings to determine nutritional needs and make nutritional diagnoses.  
Pre: FCS 240  
Spring

### **FCS 436 (3) Historic Costume**

Variable

### **FCS 437 (1-3) Topic: Textiles and Clothing**

Topics of current interest. May be repeated.  
Variable

### **FCS 438 (3) Merchandising Seminar**

Variable

### **FCS 439 (3) Nutrition for Physical Activity and Sport**

Provides in-depth exploration of the dietary needs of physically active individuals across the lifespan. Its laboratory component will focus on performance and interpretation of assessments commonly used to determine dietary and physiological status.  
Pre: FCS 140 or FCS 240  
Fall, Spring

### **FCS 440 (3) Nutrition II**

An advanced nutrition course in human metabolism, emphasizing the function and interaction of nutrients in metabolic and physiologic processes. A grade of "C" must be attained in CHEM 111 and BIOL 230 before taking this course.  
Pre: BIOL 230, CHEM 111, FCS 240  
Spring

### **FCS 442 (3) Clinical Dietetics I**

The role and influence of dietetics in society, nutritional assessment and care plans, dietetic principles applied to normal and malnourished states. Case-based approach.  
Pre: FCS 440, HLTH 321  
Fall

### **FCS 444 (3) Experimental Food Science**

Food quality, safety, formulation, processing, preservation, and biotechnology are explored. Original food science experiments are planned, executed, interpreted, and presented using appropriate scientific techniques.  
Pre: FCS 340; HLTH 475 (or STAT 154)  
Spring

### **FCS 445 (2) Food Preservation**

Principles of and laboratory experience in food preservation by drying, freezing, canning, pickling, and jelly making.  
Variable

### **FCS 446 (3) Lifespan Nutrition**

Study of nutritional needs of pregnancy, infancy, childhood, and adulthood. Experience in group dynamics in providing nutritional education to a target population.  
Pre: FCS 140 or FCS 240  
Fall

### **FCS 448 (3) Clinical Dietetics II**

The pathophysiological, nutrient assessment, planning and counseling aspects of biliary, surgical, endocrine, cardiovascular and renal conditions. Case-based approach.  
Pre: FCS 442  
Spring

### **FCS 451 (2) Integrating Service Values**

This course will provide the theoretical and practical foundations for integrating service-learning values into foods management practice.

### **FCS 452 (3) Integrating Foodservice Software Into Practice**

This course will provide the theoretical and practical foundations for integrating current technologies into foods management practice.

### **FCS 454 (3) Sensory Evaluation and Food Product Development**

Principles of sensory evaluation and application of those principles and other food science by selecting, planning, conducting, and reporting on a food product development project.  
Spring

### **FCS 472 (2) Residential Management**

An in-depth exploration into planning and managing a variety of residential property facilities. Specifically addresses employment as a manager of such properties.  
Pre: FCS 270 and FCS 370  
Variable

### **FCS 473 (3) Consumer Protection**

Emphasizes the analyses and assessment of the effectiveness of consumer protection efforts. Emphasis will be placed on government laws, regulations, and agencies at the federal, state and local levels.  
Variable

### **FCS 474 (4) Residential Management for Families and Special Needs People**

The system approach to analyzing family situations to make decisions and correlate resources in the resolution of family managerial problems. Emphasis on the application of managerial skills to lifestyle situations: young-families, elderly, special needs, singles and low income.  
Spring

### **FCS 475 (2) Family Policy**

An examination and analysis of the impact of law and public policy on family life.  
Spring

### **FCS 476 (1) Ethical Principles for Family-Life Professionals**

An examination, analysis and application of ethical principles for family-life professionals.  
Spring

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## FAMILY CONSUMER SCIENCE

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### **FCS 478 (2) Family Finance**

Introduce students to the how's and why's of family financial management to reduce mistakes made in successfully managing financial aspects of life. For non-business majors.  
Variable

### **FCS 482 (2) Teaching Family Life/Parenting Education**

Analyze issues and concerns related to family life education. Investigate teaching strategies and methods of evaluation. Preparation of appropriate lesson plans.  
Fall

### **FCS 483 (2) Adult and Technical Education in Family Consumer Science**

Philosophy and objectives of adult education in family consumer sciences with emphasis on informal teaching- learning environments; procedures for planning and developing programs; and learning experiences with the adult learner.  
Fall, Spring

### **FCS 484 (4) Program Development in Family Consumer Science**

Philosophy, scope/sequence, curriculum, evaluation and administration of family consumer science educational programs for youth of varied abilities, interests, and socioeconomic levels. 12 hour program clinical required.  
Fall

### **FCS 487 (1-3) Topic: Family Consumer Science Education**

Current issues and/or research findings to be announced as offered. May be repeated.  
Variable

### **FCS 488 (3) Parenting Education**

A systems perspective on parent-child relationship. This course covers parent-child issues during the stages of human development. It also focuses on special needs children and families, cross-cultural issues and family violence. Emphasis is on research and theory and parenting education strategies.  
Fall

### **FCS 490 (1-3) Workshop**

Workshop topics vary as announced in class schedule. May be repeated.  
Variable

### **FCS 491 (1-4) In-Service**

May be repeated on each new topic.  
Variable

### **FCS 492 (2) Dietetics Seminar**

Preparation for advancement in a career as a registered dietitian, including a first draft of the dietetic internship application.  
Pre: Graduation by the following May to December; FCS 498 or concurrent  
Fall

### **FCS 495 (3-4) Intern: Early Child Family**

A scheduled work assignment that will include on-site experiences with parents in early childhood family education.  
Fall, Spring

### **FCS 496 (2-3) Selected Topics: FLCD**

Topics announced as offered. May be repeated.  
Variable

### **FCS 497 (1-6) Internship**

A scheduled work assignment with supervision in private business, industry and government agency appropriate to each area of concentration.  
Pre: Consent  
Fall, Spring

### **FCS 498 (1-6) Undergraduate Internship**

A scheduled work assignment with supervision in private business, industry, and government agency appropriate to each area of concentration.  
Pre: Consent  
Fall, Spring

### **FCS 499 (1-4) Individual Study**

Arranged with the instructor.  
Pre: Consent  
Fall, Spring