

Department of Family and Consumer Sciences

FACULTY Professor Collins (chair); Associate Professors Choi, Davidson; Assistant Professor Devlin; Instructor Church.

The Department of Family and Consumer Sciences offers majors in *retail merchandising; foods, nutrition, and dietetics*; and *family and consumer sciences education*. Students may also choose to major in *general family and consumer sciences*, which allows flexibility.

Career opportunities continue to expand in this fast-growing field. Careers in teaching, family and consumer sciences related business, social welfare, nutrition and dietetics, family and consumer sciences extension, and fashion and retail merchandising can all result from degree programs in the Department of Family and Consumer Sciences.

Departmental Requirements

All family and consumer sciences students must meet the *family and consumer sciences core requirements* plus the required courses for their chosen major.

Family and Consumer Sciences Core

FCS 140 Introduction to Family and Consumer Sciences	2
FCS 246 Family Systems and Applications	3
FCS 300 Consumer Issues in America	3
FCS elective to be chosen from the following:	
FCS 341 Human Development Through the Lifespan	
FCS 342 Child Development Laboratory	
FCS 440 Family Relations	3
FCS 400 Senior Seminar in Family and Consumer Sciences	1
Total	12

A minimum of 38 hours in FCS must be taken.

Each major requires a professional work experience chosen from the following courses:

Professional Work Experience (choose one)

FCS 409 Senior Projects in Family & Consumer Sciences (General FCS)	3
FCS 460 Family and Consumer Sciences Internship	3
FCS 461 Practicum in Foods and Nutrition (FCSD)	3
EHS 301 Cooperative Education or internship in EHS ...	0-3
ETE 499 Student Teaching in the Secondary School (FCST)	7-13

Major Requirements

Retail Merchandising

The retailing industry is expected to continue its rapid growth rate. Graduates in this area are prepared for careers in buying and sales and related areas in the fashion industry. A minor in business management or marketing is required with this major.

General Education Requirements	9
MTH 111 Elementary Statistics	3
ECO 100 or ECO 221 Economics	3
PSY 104 Principles of Psychology	3

Family and Consumer Sciences Core..... 12

Additional Required FCS Courses..... 26

(must earn C or better in any of these courses)

FCS 130 Clothing and Human Behavior	3
FCS 133 Apparel Product Analysis	3
FCS 233 Consumer Textiles.....	4
FCS 330 Fashion Merchandising.....	3
FCS 331 Fashion Merchandising Laboratory	1
FCS 336 History of Fashion.....	3
FCS 433 Issues and Trends in Apparel and Textiles.....	3
FCS 460 Family and Consumer Sciences Internship.....	3
FCS electives (FCS 338, 357, or 409)	3

Supporting Courses 7 |

MTG 381 Integrated Marketing Communications or COM 220 Advertising as Communication	3
ART 227 Basic Graphic Design	3
A course in computer usage	1

Choose Option I or Option II

Option I 15 |

A management minor described under the business management and administration department, Foster College of Business Administration, in this catalog.

Option II 12 |

A marketing minor described under the marketing department, Foster College of Business Administration, in this catalog. If COM 220 is taken under "Supporting Courses," 15 hours of marketing courses will be required.

Foods, Nutrition, and Dietetics

Careers in health care, fitness, food service, product development, food marketing, communication, and business consulting offer many diverse opportunities for graduates in this major. Students in foods, nutrition, and dietetics will be enrolled in the didactic program in dietetics (DPD). The didactic program in dietetics at Bradley University is currently granted approval status by the Commission on Accreditation for Dietetics Education (CADE) of The American Dietetic Association, 216 W. Jackson Blvd., Chicago, IL 60606-6995, 312/899-5400. CADE is a specialized accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the United States Department of Education.

General Education Requirements..... 9

MTH 111 Elementary Statistics	3
ECO 100 Introduction to Economics or ECO 221 Principles of Microeconomics	3
PSY 104 Principles of Psychology	3

Family and Consumer Sciences Core..... 12

Additional Required FCS Courses..... 30

(must earn C or better in any of these courses)

FCS 104 Introductory Food Principles.....	4
FCS 303 Nutrition.....	3
FCS 306 Applied Nutrition	3
FCS 309 Investigation of Food Topics.....	3
FCS 403 Advanced Nutrition	4
FCS 404 Medical Nutrition Therapy	4
FCS 405 Food Service Systems	3
FCS 408 Management in Food Service	3
FCS 461 Practicum in Foods and Nutrition	3

Required Supporting Courses.....	35-41
CHM 149 Fundamentals of General Chemistry.....	4
CHM 151 Fundamentals of Organic Chemistry	2
CHM 152 Fundamentals of Biochemistry	2
CHM 153 Organic-Biochemistry Laboratory.....	1
BIO 121 Life Science I.....	3
BIO 200 Human Anatomy and Physiology	3
BIO 202 Microbiology and Immunology	4
BIO 203 Human Anatomy & Physiology Lab.....	2
BIO 205 Pathophysiology	3
BMA 352 Management & Organization Theory or PSY 310 Industrial & Organizational Psychology ...	3-6*
MTG 315 Principles of Marketing.....	3
ETE 225 Human Development or FCS 341 Human Development Through the Lifespan or PSY 302 Psychology of Learning or PSY 304 Developmental Psychology	3-4
ETE 100 Technology Applications or BMA 172 Business Computer Skills & Applications or NUR 303 Research in Nursing or MM 113 Introduction to Multimedia.....	1-3
CHM 391 Medical Terminology.....	1

*Prerequisites for PSY 310 are PSY 103 or 104 and PSY 205 or equivalent, which may increase the total hours of required supporting courses.

All foods, nutrition, and dietetics students are required to be certified by the State of Illinois in food service sanitation. This should be completed by the student's junior year.

General Family and Consumer Sciences

This flexible curriculum is for students who have special interests in areas such as foods and journalism, interior design, or cooperative extension. A faculty advisor will help a student design his or her own program.

Students who wish to prepare for entrance to a graduate program in human development counseling (HDC) may wish to consider an undergraduate major in family and consumer sciences (FCS). Family and consumer sciences give significant background to undergraduate students in cognate areas important to families today. This undergraduate major is articulated with the graduate major in counseling at Bradley with the Department of Educational Leadership and Human Development.

The major requires a minimum of 38 hours, including the family and consumer sciences core, professional work experience, a course in computer usage, and FCS electives, chosen as follows:

General Education Requirements.....	6
ECO 100 Introduction to Economics or ECO 221 Principles of Microeconomics	3
PSY 104 Principles of Psychology.....	3
I: Foods and Nutrition (choose two)	
FCS 104 Introductory Food Principles.....	4
FCS 203 Health, Safety, and Nutrition	3
FCS 303 Nutrition.....	3
FCS 306 Applied Nutrition	3
FCS 309 Investigation of Food Topics.....	3
FCS 403 Advanced Nutrition	4
FCS 404 Medical Nutrition Therapy	4
++FCS 405 Food Service Systems	3

** Required as part of family and consumer sciences core.

++ Fulfills professional work experience requirement.

FCS 406 Issues and Trends in Foods and Nutrition	3
FCS 408 Management in Food Service	3
FCS 461 Practicum in Foods and Nutrition	3

II: Clothing and Textiles (choose two)

FCS 130 Clothing in Contemporary Society.....	3
FCS 133 Apparel Product Analysis.....	3
FCS 231 Pattern Making	3
FCS 233 Consumer Textiles.....	4
FCS 330 Fashion Merchandising.....	3
FCS 331 Fashion Merchandising Laboratory	1
FCS 332 Advanced Clothing Construction	3
FCS 336 History of Fashion.....	3
FCS 433 Issues and Trends in Apparel and Textiles.....	3
FCS 536 The World of Fashion.....	3

III: Human Ecology (choose two)

FCS 220 Consumer Issues in Health Care.....	3
**FCS 300 Consumer Issues in America.....	3
FCS 357 Housing and Interior Design Concepts	3
FCS 359 Applied Projects in Interior Design	3
++FCS 460 Family and Consumer Sciences Internship.....	3

IV: Child/Family (choose two)

**FCS 246 Family Systems and Applications.....	3
FCS 341 Human Development Through the Lifespan.....	3
FCS 342 Child Development Laboratory.....	3
FCS 440 Family Relations	3

Remaining Family and Consumer Sciences Core

**FCS 140 Introduction to Family & Consumer Sciences ..	2
**FCS 400 Sr. Seminar in Family & Consumer Sciences.....	1

Total for major

38

Family and Consumer Sciences Education

Students who choose the family and consumer sciences education program (FCST) can meet Illinois certification requirements for teaching family and consumer sciences in junior and senior high schools. Graduates receiving certification have found employment in public schools throughout the United States.

All students must complete the family and consumer sciences core. Student teaching (ETE 499) fulfills the professional work experience requirement. As in any good program, revisions are being made continually; students should consult the Department of Teacher Education chair about current program requirements. Secondary education teacher candidates should refer to the teacher education department for requirements in professional education courses for secondary education. Candidates will have an advisor in both Family and Consumer Sciences and in the Department of Teacher Education.

FCST Foundational Requirements

These courses are required for all secondary education majors in family and consumer sciences.

**FCS 140 Introduction to Family & Consumer Sciences ..	2
**FCS 246 Family Systems and Applications.....	3
**FCS 300 Consumer Issues in America.....	3
**FCS 341 Human Development Through the Lifespan.....	3
FCS 342 Child Development Laboratory.....	3
FCS 440 Family Relations	3
**FCS 400 Sr. Seminar in Family & Consumer Sciences.....	1

Total

18

A minimum of 38 semester hours in family and consumer sciences, including the family and consumer sciences core, is required for all family and consumer sciences majors. Students should choose courses in the following concentrations:

Nutrition, and Wellness and Hospitality

FCS 104 Introductory Food Principles.....	4
FCS 203 Health, Safety and Nutrition or FCS 303 Nutrition	3
FCS 309 Investigation of Food Topics.....	3
FCS 405 Food Service Systems or FCS 408 Management in Food Service	3
TOTAL	13

Apparel and Textiles

FCS 130 Clothing and Human Behavior	3
FCS 133 Apparel Product Analysis.....	3
FCS 233 Consumer Textiles.....	4
FCS 231 Pattern Making (3); or FCS 332 Advanced Clothing Construction (3); or FCS 330 Fashion Merchandising (3) and FCS 331 Fashion Show Production (1)	3 or 4
TOTAL	13 or 14

Living Environments

FCS 233 Consumer Textiles.....	4
**FCS 246 Family Systems and Applications.....	3
**FCS 300 Consumer Issues in America.....	3
FCS 357 Housing and Interior Design.....	3
Total	13

International Concentration

Family and consumer sciences majors may wish to elect this option with careful consultation with an academic advisor. Students who elect this emphasis must complete **eighteen hours** fulfilled in the following manner.

CATEGORY A:

Six credit hours chosen from the following courses:

FCS 338 International Fashion Merchandising	3
FCS 406 Issues and Trends in Foods and Nutrition	1-3
FCS 433 Trends in International Textiles.....	3
FCS 401/402 or 585 Independent Readings, Independent Problems, or Topics in Family and Consumer Sciences with an international focus.....	1-6

CATEGORY B:

Six credit hours chosen from the following courses:

MTG/IB 346 International Marketing	3
IB 306 Introduction to International Business	2
IB 400 Topics in International Business.....	1-4

or

Two courses chosen from a minor in area studies with an international focus such as Asian studies or Russian and East European studies. This would include any two courses from the required or elective course list, consisting of courses in history, international studies, religious studies, sociology, art, and Japanese, for example.

** Required as part of family and consumer sciences core.

†† Fulfills professional work experience requirement.

CATEGORY C:

Six credit hours taken outside the United States, which could include the Bradley European Summer Semester Abroad, a full semester spent in another country, or two interim courses spent in other countries. (Only Bradley-directed hours count for residence hours.)

or

Any two semesters of foreign language courses (**not used for any other requirement in this concentration**) taken for credit.

Family and Consumer Sciences Minor

The minor in family and consumer sciences enhances other career options, provides career flexibility, and enhances personal knowledge.

This minor will allow students to choose courses within:

- General Family and Consumer Sciences
- Foods, Nutrition, and Dietetics
- Apparel and Textiles/Interior Design
- Child Development/Family Relationships

Transfer policies for minors are the same as for family and consumer sciences majors. Prior approval of transfer credit must be secured from the chair of Family and Consumer Sciences.

The requirements for a minor in family and consumer sciences are:

1. A minimum of 17 semester hours in family and consumer sciences as specified below.
2. Complete FCS 140, *Introduction to Family and Consumer Sciences (2 hrs.)* and FCS 300 *Consumer Issues In America (3 hrs.)*
3. At least nine of the remaining 12 semester hours must be in Family and Consumer Sciences courses above the 100 level.
4. No fewer than six of the remaining 12 semester hours must be in Family and Consumer Sciences courses at the 300 level or above.

Course Descriptions

FCS 104 Introductory Food Principles 4 hrs.

Scientific principles of food preparation and selection. Laboratory experiences demonstrate theoretical concepts.

FCS 130 Clothing and Human Behavior 3 hrs.

Interdisciplinary study of cultural, social, psychological, economic, and aesthetic relationship of clothing to today's society.

FCS 133 Apparel Product Analysis 3 hrs.

Study of apparel components and structure, quality and serviceability. Includes laboratory.

FCS 140 Introduction to Family and Consumer Sciences 2 hrs.

Family and consumer sciences professions, history, philosophy, theory and foundations.

FCS 203 Health, Safety, and Nutrition**3 hrs.**

Personal health of PreK-12 learners, including nutrition and safety issues. Meeting health needs of learners in group settings. Healthy lifestyle, preventive health, and community health.

FCS 220 Consumer Issues in Health Care**3 hrs.**

Possible care obtained, level of health care, and how to access care for persons from birth to death. Cross listed as HS 220. Prerequisite: HS 110 or consent of a cross-listed Department Chair (PT, FCS).

FCS 231 Pattern Making**3 hrs.**

Principles of flat pattern method; pattern alteration; original pattern design; completed garment. Prerequisite: FCS 133 or consent of instructor.

FCS 233 Consumer Textiles**4 hrs.**

Consumer oriented study of textiles emphasizing fibers, yarns, fabric constructions, and finishes. Includes laboratory.

FCS 246 Family Systems and Applications**3 hrs.**

Study of family systems and management theory with application of concepts in the near environment of family and consumer. Prerequisites: FCS 140.

FCS 300 Consumer Issues in America**3 hrs. (Gen. Ed. SF)**

Personal finance, consumer credit, durable and non-durable goods and services, and consumer protection in the marketplace.

FCS 301 Nutrition Today**3 hrs. (Gen. Ed. TS)**

Problem-based learning approach to examine current issues and nutritional practices through exploration of underlying biochemical and physiological principles; formulation of personal diet and wellness plans. Prerequisites: jr./sr. standing; one college-level science course. Not open to students who have taken FCS 203 or 303.

FCS 303 Nutrition**3 hrs.**

Human energy and nutrient utilization and requirements as related to health and performance. Prerequisite: one of the following courses: BIO 121-124, CHM 149, 161, or 166.

FCS 306 Applied Nutrition**3 hrs.**

Principles of individual, family, and group nutrition; community nutrition. Prerequisites: FCS 104, 303.

FCS 309 Investigation of Food Topics**3 hrs.**

Group and individual investigation of and experimentation with scientific principles of food and research. Prerequisite: FCS 104.

FCS 330 Fashion Merchandising**3 hrs.**

Merchandising; organization, operation, and interrelationship of major facets of textile and clothing industry. Prerequisites: FCS 130, 233.

FCS 331 Fashion Merchandising Laboratory**1 hr.**

Experimental work related to fashion merchandising. Prerequisites: FCS 130, 233; concurrent enrollment in FCS 330.

FCS 332 Advanced Clothing Construction**3 hrs.**

Tailoring and experimental construction techniques in individual projects. Prerequisite: FCS 133 or consent of instructor.

FCS 336 History of Fashion**3 hrs.**

Historic costume and relationship to contemporary dress; emphasis on design and current fashion.

FCS 338 International Fashion Merchandising**3 hrs.**

Intensified study in major international fashion markets including fashion merchandising, public relations, advertising, and career opportunities. Prerequisite: FCS 233 or consent of instructor.

FCS 341 Human Development Through the Lifespan**3 hrs.**

Physical, cognitive, emotional and social growth and development throughout the human lifespan. Not open to students with credit in PSY 304 or PSY 314.

FCS 342 Child Development Laboratory**3 hrs.**

Practical experience working with 3 year olds. Prerequisite: FCS 341 or PSY 304 or ETE 225 or equivalent.

FCS 357 Housing and Interior Design Concepts**3 hrs.**

Basic concepts of housing and interior design; emphasis on historic periods and their relationship to contemporary housing and furnishings.

FCS 359 Applied Projects in Interior Design**3 hrs.**

Interior design with emphasis on cost considerations, room area, and atmosphere. Prerequisite: FCS 357.

FCS 400 Senior Seminar in Family and Consumer Sciences**1 hr.**

Personal exploration of interrelated knowledge and professional competencies in family and consumer sciences; factors influencing research. Emphasis on family and consumer sciences as an integrated field of study. Prerequisites: senior standing; family and consumer sciences major or minor.

FCS 401 Readings in Family and Consumer Sciences**1-3 hrs.**

Individual readings in specialized areas of family and consumer sciences for qualified students, under faculty supervision. Prerequisite: consent of department chair.

FCS 402 Problems in Family and Consumer Sciences**1-3 hrs.**

Independent study in family and consumer sciences for qualified students, under faculty supervision. Prerequisite: consent of department chair.

FCS 403 Advanced Nutrition**4 hrs.**

Biochemistry of energy and nutrient utilization in relation to human biological functions. Prerequisites: FCS 303; BIO 200; CHM 151, 152, 153.

FCS 404 Medical Nutrition Therapy**4 hrs.**

Dietary modification for specific disease states, treatment modalities, and drug interactions; emphasis on biochemical and pathophysiological rationale. Prerequisite: FCS 403; BIO 200, 205.

FCS 405 Food Service Systems**3 hrs.**

Menu planning, food production, and service in food service systems. Prerequisite: FCS 104 or consent of instructor.

FCS 406 Issues and Trends in Foods and Nutrition**1-3 hrs.**

Topics of special interest which may vary each time course is offered. Topic and prerequisite stated in current Schedule of Classes. May be repeated under different topics for a maximum of six hours credit. Prerequisite: FCS 303 or consent of instructor.

FCS 408 Management in Food Service**3 hrs.**

Management of human resources, finance, products, services, facilities and equipment, sanitation and safety, and marketing in food service. Prerequisites: FCS 104, BIO 202, Sanitation Certification.

FCS 409 Senior Projects in Family and Consumer Sciences**3 hrs.**

Application of family and consumer sciences principles to solution of a real-world problem. Students work as members of a team assigned to an analytical problem in fashion merchandising, textiles, foods, nutrition, or interiors. Prerequisites: 20 hours in FCS courses with a minimum 2.5 grade point; consent of Department Chair.

FCS 433 Issues and Trends in Apparel and Textiles**3 hrs.**

Topics of special interest which may vary each time course is offered. Topic stated in current Schedule of Classes. Course may be repeated for a maximum of 6 hours credit. Prerequisite: FCS 130 or 233 or consent of instructor.

FCS 440 Family Relations**3 hrs.**

Emphasis on man-woman relationship, marriage, and family interactions and reactions.

FCS 460 Family and Consumer Sciences Internship**3 hrs.**

Integration of family and consumer sciences theory with applications in the workplace. Prerequisites: family and consumer sciences major; consent of Department Chair.

FCS 461 Practicum in Foods and Nutrition**3 hrs.**

Selected practicum experience within a foods and/or nutrition related workplace. Prerequisites: family and consumer sciences major; consent of Department Chair.

FCS 536 The World of Fashion**2-6 hrs.**

Intensified study in a major fashion market: merchandising, public relations, advertising, and career opportunities. May be repeated for a total of six hours. Prerequisites: 10 hours in clothing and textiles; or consent of instructor.

FCS 585 Topics in Family and Consumer Sciences**1-6 hrs.**

Topics of special interest which may vary each time course is offered. Topic stated in current Schedule of Classes. Prerequisite: senior or graduate standing, and consent of instructor.