FAMILY AND
CONSUMER
SCIENCES

BACHELOR OF ARTS
SUBJECT MATTER PROGRAM
MINOR

PROGRAM DESCRIPTION
Family and Consumer Sciences is devoted to the study of how individuals and families assess their needs and interact with their environment. This study includes an examination of how humans seek the fulfillment of their goals by identifying, developing, and managing the resources available to them. Family and Consumer Sciences synthesizes knowledge obtained from the natural and social sciences, arts and humanities and applies this knowledge toward the optimum functioning of the individual, the family, and society.

The CSUS Family and Consumer Sciences Department offers the BA in Family and Consumer Sciences, a minor in Family and Consumer Sciences, and the Single Subject Matter Program for the California Teaching Credential. Students who complete the BA in Family and Consumer Sciences select a program of study that relates to their interest and professional objectives:

- Apparel Marketing and Design
- General with emphasis in
  - Consumer Studies
  - Family Studies
- Nutrition and Food

A dietetics program, which is approved by the American Dietetic Association, is offered as a special major: BS Dietetics. Upon completing the program, graduates are eligible for a dietetics internship or supervised practice program and subsequent certification as a registered dietitian.

FEATURES
Faculty in Family and Consumer Sciences come from diverse educational backgrounds and have a wide range of expertise. Faculty represent all areas of study, thereby helping students to integrate the study of Family and Consumer Sciences as they prepare for professional careers or graduate study.

The department sponsors three student organizations and provides an opportunity for students to participate in several related professional organizations, including the American Association of Family and Consumer Sciences, the American Dietetic Association, and the California Council on Family Relations.

Through its internship program, the department provides an opportunity for students to work under the supervision of a professional in business, education, government and public service settings. Internships (FACS 195C) are planned in advance with an advisor.

In addition to serving majors and minors, the department provides general education courses and service courses to other majors and participates in the Child Development and Gerontology programs.

CAREER POSSIBILITIES
Apparel Designer or Manufacturer • Child Life Specialist • Consumer Affairs Director • Consumer Analyst • Dietitian
- Energy Conservation Specialist • Extension Specialist • Family Life Educator • Fashion Coordinator • Financial Analyst/Planner • Food Service Manager • Marketing Specialist • Merchandiser • Nutritionist • Nutrition and Health Counselor • Parenting Educator • Preschool/Day Care Director • Product Analyst • Purchasing Agent • Quality Control Analyst • Retail Manager or Buyer • Secondary Teacher • Sales Representative • Youth Advisor

FACULTY
Sallie Corley, Department Chair
Susan Algert, Jan Andersen, Walter Kawamoto, Ann Moylan, Jo Ann Nicola, Elizabeth Thompson, Jeline H. Ware
Kay Ford, Administrative Support Coordinator
Department Office, Mariposa Hall, 278-639
MAJOR REQUIREMENTS • BA

Total units required for BA: 124
Total units required for Major: 51-53

Courses in parentheses are prerequisites.

Note: A minimum grade of “C-” is required for prerequisite courses.

Dietetics: A Didactic Program in Dietetics, which is approved by the American Dietetic Association is offered as a special major: BS Dietetics. Information regarding course requirements may be obtained from the FACS Department office.

Students interested in Family Life Educator Certification awarded by the National Council of Family Relations or Certification as a Child Life Specialist should contact a FACS department advisor about course requirements.

Select the general pattern below or one of the following concentrations:

1. Nutrition and Food
2. Apparel Marketing and Design

General Program

Total Units: (51 units)

A. Required Core Courses (24 units)

(3) FACS 010 Nutrition and Wellness
(3) FACS 050 The Family & Social Issues
(1) FACS 060 Professional Development in Family & Consumer Sciences
(3) SOC 008 Sense and Nonsense in Social Research OR
STAT 001 Introduction to Statistics
(3) ECON 001A Introduction to Macroeconomic Analysis OR
ECON 001B Introduction to Microeconomic Analysis OR
ECON 104 Introduction to the United States Economy
(3) FACS 140 Family Resource Management (passing score on WPE)
(3) FACS 141 Family Finance
(3) FACS 160 Communication and Education in Family and Consumer Science (15 FACS units, including FACS 060, and completion of Area A GE requirements)
(2) FACS 168 Senior Seminar (21 FACS units, including FACS 160)

B. Emphasis Requirements: Select one of the following:

1. Consumer Studies Emphasis

   a. Required Lower Division Courses (6 units)

      (3) FACS 011 Principles of Food Preparation
      (3) FACS 031 Textiles

   b. Required Upper Division Courses (18 units)

      (3) FACS 128 Consumer Technologies & Environments
      (3) FACS 142 Consumer Issues
      (3) FACS 143 Consumer Policy (GOVT 001 or GOVT 150)
      (3) FACS 147 Financial and Legal Aspects of Aging (FACS 141)
      (3) FACS 162 Family Support Services (FACS 050; FACS 140) OR
      FACS 195C Internship

      (3) Select one from the following:
      FACS 110 Food Management (FACS 011)
      FACS 138 Consumer Issues in Textiles & Clothing (FACS 031)
      FACS 159 Adulthood and Aging in Human Development (a human development course)
      FACS 166 Contemporary Issues in Family & Consumer Sciences

   c. Electives (3 units)

      (3) Select 3 units with an advisor’s approval.

2. Family Studies Emphasis

   a. Required Lower Division Courses (6 units)

      (3) BIO 020 Biology: A Human Perspective
      (3) FACS 052 The Child in the Family OR
      CHDV 030 Human Development

   b. Required Upper Division Courses (21 units)

      (3) FACS 108 Family Communication (COMS 008, FACS 50, SOC 166 or instructor permission)
      (3) FACS 150 Family Stress and Coping: Multicultural Focus (FACS 050 or equivalent with instructor permission)
      (3) FACS 154 Issues in Parenting (CHDV 030, FACS 052, or instructor permission)
      (3) FACS 162 Family Support Services (FACS 050; FACS 140)

      (9) Select three from the following:
      FACS 147 Financial & Legal Issues of Aging (FACS 141)
      FACS 152 Adolescent Development (CHDV 030, FACS 052, or instructor permission)
      FACS 155 Family Life Education
      FACS 157 Infant and Toddler Development
      FACS 159 Adulthood and Aging in Human Development (a human development course)
      FACS 166 Contemporary Issues in Family and Consumer Sciences.

Nutrition And Food Concentration (53 units)

The concentration prepares students for careers in the field of nutrition, food management and food product development and sales. The program emphasizes the role of nutrition and food in individual and family health connotations of food use, and the management of commercial and noncommercial food systems.

A. Required Core Courses (29 units)

   (3) FACS 010 Nutrition & Wellness
   (3) FACS 011 Principles of Food Preparation
   (3) FACS 050 The Family & Social Issues
   (1) FACS 060 Professional Development in Family & Consumer Sciences
   (3) FACS 140 Family Resource Management (passing score on WPE)
   (3) FACS 141 Family Finance
   (3) FACS 143 Consumer Policy (GOVT 001 or GOVT 150)
   (3) FACS 147 Financial and Legal Aspects of Aging (FACS 141)
   (3) FACS 162 Family Support Services (FACS 050; FACS 140) OR
   FACS 195C Internship

   (3) Select one from the following:
   FACS 110 Food Management (FACS 011)
   FACS 138 Consumer Issues in Textiles & Clothing (FACS 031)
   FACS 159 Adulthood and Aging in Human Development (a human development course)
   FACS 166 Contemporary Issues in Family & Consumer Sciences

   (3) Select 3 units with an advisor’s approval.
FAMILY AND CONSUMER SCIENCES

B. Required Upper Division Courses (19-20 units)

(3) FACS 110 Food Management (FACS 011)
(4) FACS 111 Experimental Study of Food (FACS 011; CHEM 001A or CHEM 006A)
(3) FACS 113 Nutrition & Metabolism (BIO 010 or BIO 020; CHEM 001A or CHEM 006A; passing score on WPE)

(9) Select nine units from the following:
- FACS 114 Cultural and Social Aspects of Food
- FACS 115 Nutrition in the Lifespan (FACS 113)
- FACS 116 Food Service Management (FACS 011)
- FACS 117 Community Nutrition (FACS 113)
- FACS 118A Medical Nutrition Therapy I (FACS 113; BIO 131)
- FACS 118B Medical Nutrition Therapy II (FACS 118A)
- FACS 119 Nutrition & Aging (FACS 010 or FACS 159)
- FACS 170 Advanced Nutrition & Metabolism (CHEM 161 and FACS 113)

C. Electives (4-5 units)

(4-5) Select 4-5 units in Family and Consumer Science with an advisor’s approval.

Apparel Marketing and Design (51 units)

The concentration prepares students for careers in the field of apparel, including design, manufacturing, distribution, marketing and consumption. The program emphasizes the contemporary and historical ways of meeting the economic, physiological, psychological and sociological needs of consumers relative to apparel and textile products.

A. Required Core Courses (27 units)

(3) INTD 020 Design
(3) FACS 031 Textiles
(3) FACS 032 Fundamentals of Clothing
(1) FACS 060 Professional Development in Family and Consumer Sciences
(3) FACS 160 Communication and Education in Family and Consumer Sciences (15 FACS units, including FACS 060, and completion of Area A GE requirements)
(2) FACS 168 Senior Seminar (21 FACS units including FACS 160)
(3) SOC 008 Sense and Nonsense in Social Research OR
STAT 001 Introduction to Statistics OR
ECON 001B Introduction to Microeconomic Analysis OR
MGMT 120 Principles of Marketing
(6) Select two from the following:
- FACS 010 Nutrition & Wellness
- FACS 050 Family Resource Management (passing score on WPE)

B. Required Upper Division Courses (21 units)

(3) FACS 130A History of Western Costume
(3) FACS 130B Contemporary Costume
(3) FACS 131 Evaluation of Apparel Manufacturing Techniques (FACS 031, FACS 032)

(3) FACS 134 Introduction to Fashion Marketing (ECON 001B or MGMT 120)

(9) Select nine units from the following:
- FACS 132A Apparel Design: Pattern Drafting (FACS 032 or permission of instructor)
- FACS 133 Fashion Sketching
- FACS 135A Analytical & Specification Buying (FACS 134)
- FACS 135B Fashion Advertising & Promotion (FACS 134)
- FACS 135D Visual Merchandising Essentials (INTD 020, FACS 134; or permission of instructor)
- FACS 136 Fashion Retailing (FACS 134)
- FACS 137A Social Psychology of Apparel (SOC 001)
- FACS 137B Color & Design in Apparel (INTD 020, FACS 031)
- FACS 138 Consumer Issues in Textiles & Clothing (FACS 031)
- FACS 195C Internship

C. Electives (3 units)

(3) Select 3 units in Family and Consumer Science with an advisor’s approval.

SUBJECT MATTER PROGRAM (57-58)
(Pre-Credential Preparation)

The Subject Matter Program leads to a BA in Family and Consumer Sciences and meets the subject matter content requirement for a teaching credential.

The standards which govern the Subject Matter Competency Program were recently revised by the California Commission on Teacher Preparation and the department expects to implement a new program in 2001. Family and Consumer Sciences majors wishing to pursue the Subject Matter Program should contact a FACS department advisor for information on the currently approved program.

Note: A minimum grade of “C-” for all courses is required for admission into the teacher preparation program.

Teaching credential candidates must also complete the Professional Education Program to qualify for a teaching credential. Consult the FACS Department credential advisor and the College of Education Student Service Center for further information regarding requirements.

Courses in parentheses are prerequisites.

A. Required Core Courses (21 units)

(3) FACS 010 Nutrition & Wellness
(3) FACS 031 Textiles
(3) FACS 050 The Family & Social Issues
(1) FACS 060 Professional Development in Family & Consumer Sciences
(3) SOC 008 Sense and Nonsense in Social Research OR
STAT 001 Introduction to Statistics OR
ECON 140 Family Resource Management (passing score on WPE)
(3) FACS 160 Communication and Education in Family and Consumer Sciences (15 FACS units including FACS 060 and completion of Area A GE requirements)
(2) FACS 168 Senior Seminar (21 FACS units, including FACS 160)
### B. Required Lower Division Courses (14 units)

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>FACS 011</td>
<td>Principles of Food Preparation</td>
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<tr>
<td>FACS 032</td>
<td>Fundamentals of Clothing</td>
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<tr>
<td>FACS 052</td>
<td>The Child in the Family OR</td>
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<tr>
<td>CHDV 030</td>
<td>Human Development</td>
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<tr>
<td>INTD 020</td>
<td>Design</td>
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<tr>
<td>INTD 021</td>
<td>Introduction to Interior Design</td>
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### C. Required Upper Division Courses (22-23 units)

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<th>Course Code</th>
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<tbody>
<tr>
<td>FACS 128</td>
<td>Consumer Technologies and Environments</td>
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<tr>
<td>FACS 134</td>
<td>Introduction to Fashion Marketing (ECON 001B or MGMT 120) OR</td>
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<tr>
<td>FACS 138</td>
<td>Consumer Issues in Textiles &amp; Clothing (FACS 031)</td>
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<tr>
<td>FACS 141</td>
<td>Family Finance</td>
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<td>FACS 142</td>
<td>Consumer Issues</td>
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<tr>
<td>FACS 195A</td>
<td>Field Study (Experiences with young children)</td>
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<td>(3-4) Select one from the following:</td>
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<td>FACS 110 Food Management (FACS 011)</td>
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<td>FACS 111 Experimental Study of Food (FACS 011; CHEM 001A or CHEM 006A; SOC 008 or STAT 001)</td>
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<td>FACS 113 Nutrition and Metabolism (BIO 010 or BIO 020; CHEM 001A or CHEM 006A; passing score on the WPE)</td>
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<td>FACS 116 Food Service Management (FACS 011)</td>
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<td>(3) Select one from the following:</td>
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<td>FACS 152 Adolescent Development (CHDV 030 or FACS 052 or instructor permission)</td>
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<td>FACS 154 Issues in Parenting (FACS 052 or CHDV 030)</td>
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<td>FACS 155 Family Life Education</td>
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<td>(3) Select one from the following:</td>
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<td>ECON 001A Introduction to Macroeconomic Analysis</td>
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<td>ECON 001B Introduction to Microeconomic Analysis</td>
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<td>ECON 104 Introduction to the United States Economy</td>
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### Minor Requirements

The minor in Family and Consumer Sciences requires 24 units, all of which must be taken in Family and Consumer Sciences. A minimum of 12 upper division units is required. Courses must be selected from at least two areas of Family and Consumer Sciences in consultation with a FACS advisor. Specific course requirements are:

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<td>(3) Select one from the following:</td>
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<tr>
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<td>FACS 010 Nutrition &amp; Wellness</td>
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<td>FACS 031 Textiles</td>
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<td>FACS 050 The Family &amp; Social Issues</td>
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<td></td>
<td>FACS 140 Family Resource Management (passing score on WPE)</td>
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### Lower Division Courses

**FACS 010. Nutrition and Wellness.** Introduction to the basic principles of nutrition and the relationship of the human diet to health. Overview of the nutrition profession, the biological uses of nutrients and tools for dietary planning. Examination of specific issues such as weight loss, sports nutrition, food safety, the diet-disease relationship and global nutrition. Analysis of special nutritional requirements and needs during the life cycle. Evaluation of personal dietary habits using current dietary guidelines and nutritional assessment methods. 3 units. (CAN H EC 002)

**FACS 011. Principles of Food Preparation.** Study of basic principles of food preparation. Emphasis on selection and storage of food, safety and sanitation, and techniques of preparation to maintain quality and nutritive value. Laboratory includes preparation and evaluation of individual food products. Lecture two hours; laboratory three hours. 3 units. (CAN H EC 008)

**FACS 031. Textiles.** Study of the characteristics of fibers, yarns, fabrics, and finishes. Emphasis on fabric performance, serviceability as they affect consumer satisfaction. Discussion of environmental concerns in the textile industry and laws relating to textile products. 3 units.

**FACS 032. Fundamentals of Clothing.** Principles of fit and design. Applied basic construction with emphasis on standards and custom techniques. Characteristics of fabrics used; individual pattern adjustment. Lecture, discussion, demonstration one hour; laboratory four hours. 3 units. (CAN H EC 010)

**FACS 050. The Family and Social Issues.** Family structure, systems and functioning in marriage and other partnerships, parenting, work issues, domestic violence, divorce, and remarriage. Focus on social issues including gender, race, ethnicity, and class. Historical and theoretical perspectives on families in America. Introduction to research in family sciences and public policy implications. Lecture, discussion. Note: Not open for credit to students who have taken SOC 005. 3 units.

**FACS 052. The Child in the Family.** Physical, social, emotional and cognitive development of the child, conception through adolescence, in relation to the family. Strong theoretical emphasis. Introduction to methods of study, including observation and interview. Lecture, discussion, fieldwork. Note: Not open for credit to students who have taken CHDV 137, CHDV 138, or PSYC 148. 3 units. (CAN H EC 014)

**FACS 060. Professional Development in Family and Consumer Sciences.** Definition, history and philosophy of the discipline. Examination of the concentration in the major and career options. Analysis of personal and professional competencies and development of an academic plan. To be completed the first year in the major. Activity two hours. 1 unit.

### Upper Division Courses

**FACS 128. Consumer Technologies and Environments.** Study and analysis of technologies, durable goods, and environments in home and workplace and their impact on quality of life. Principles of equipment and product design, selection and safety; space planning; consumer decision making. Examination of issues related to energy management, shelter, housing and access to technology. Lecture, field trips two hours; activity two hours. Cross-listed as INTD 128; only one may be counted for credit. 3 units.

**FACS 160. Education and Communication in Family and Consumer Sciences.** A performance based course which emphasizes communication and educational methods for family and consumer sciences subject matter. Focus on learning styles, curriculum development, presentation techniques, and assessment of learning outcomes. Preparation, presentation and critique of presentations and learning activities for individuals and groups. Attention to development of leadership skills and program promotion methods. Lecture/activity. Prerequisite: 15 FACS units, including FACS 060; completion of Area A GE requirements. 3 units.
FACS 162. Family Support Services. Application of family science to the development, implementation, and evaluation of family support services. Implications of research for practice with diverse families. Focus on developing skills in family-centered services, family-professional collaboration, and resource-based and asset-based intervention. Lecture two hours, fieldwork in the community three hours. **Prerequisite:** FACS 050 and FACS 140. 3 units.

FACS 166. Contemporary Issues in Family and Consumer Sciences. Designed to provide in-depth examination and analysis of selected significant issues in family and consumer sciences. Emphasis on critical thinking, research and assessment. 3 units.

FACS 168. Senior Seminar. Seminar designed to synthesize knowledge in family and consumer sciences. Examination and analysis of public policy and ethical issues, professionalism and knowledge in family and consumer sciences. Fieldwork in the community two hours. **Prerequisite:** FACS 166. 3 units.

FACS 150. Family Stress and Coping: Multicultural Focus. Study of multicultural families and diverse family forms, with a focus on how families function under stress. Family theory and research are applied to the interpretation and analysis of selected literary works. **Prerequisite:** FACS 050 or equivalent with instructor permission. Passing score on the WPE. 3 units.

FACS 152. Adolescent Development. In-depth study of the achievements and challenges associated with the adolescent stage of development. Focus on understanding the needs and motivations of adolescents and the challenges they face within their socio-cultural environment. **Note:** Not open to students who have taken PSYC 149. Lecture, discussion. **Prerequisite:** FACS 052, CHDV 030, or instructor permission; previous or concurrent enrollment in CHDV 133 strongly recommended. 3 units.

FACS 154. Issues in Parenting. Survey of historical and contemporary attitudes toward parenting. Review of research on child-rearing and parent-child relationships. Use of case studies to explore the influence of personality, developmental stage, family structure, ethnic and cultural factors on parenting. Lecture/Case Study. **Prerequisite:** FACS 052, CHDV 030 or instructor permission; previous or concurrent enrollment in CHDV 133 strongly recommended. 3 units.

FACS 155. Family Life Education. Historical and philosophical perspective on sexuality education across the lifespan. Practice in curriculum development including content, objectives, and teaching strategies. Lecture, discussion. Spring only. 3 units.

FACS 157. Infant and Toddler: Development and Care. Research, theory and practice are examined in relation to each area of infant and toddler development (conception through 24 months): Physical, social, emotional, cognitive, and perceptual. Individual differences and needs are stressed. Issues pertinent to individual and group care will be covered. Activities include lecture, discussion, and observation. **Prerequisite:** FACS 052 or CHDV 030, PSYC 148, SWRK 125A, EDTE 142. 3 units.

FACS 159. Adulthood and Aging in Human Development. Analysis of the aging process; the interrelation between physical, psychological, and social development in the middle and later years; and characteristic personal, family and community adjustment problems. **Prerequisite:** A human development course or instructor permission. 3 units.

**Consumer Studies**

FACS 140. Family Resource Management. Management of resources in family systems. Interaction of families with other societal and environmental systems in acquiring and using resources to meet goals and other demands. Lecture, composition. **Prerequisite:** Passing score on the WPE. 3 units.

FACS 141. Family Finance. The economic problems of and financial management by the individual and family. Topics include: income patterns, inflation, credit, contracts, housing, financial services, insurance, taxes, investments, retirement, income planning. Lecture, discussion. 3 units.

FACS 142. Consumer Issues. Study of effect of consumer movements on protection of consumer rights. Current issues include marketplace fraud and redress; consumer information, education, and decision-making; privacy and environmental concerns; and advocacy for vulnerable consumer groups. Lecture, discussion, projects. 3 units.

FACS 143. Consumer Policy. Examination of consumer policy and regulations. Emphasis on consumer products, including food and drugs, housing, and credit. Strategies for promoting consumer advocacy. Lecture, discussion, field trips. **Prerequisite:** GOVT 001 or GOVT 150. 3 units.

FACS 147. Financial and Legal Aspects of Aging. Economic status, financial and consumer issues, legal rights and responsibilities and resource management for aging persons. Emphasis on financial planning for retirement and estate planning. Lecture, discussion, case studies. **Prerequisite:** FACS 141 or instructor permission. Spring only. 3 units.

**Nutrition and Food**

FACS 110. Food Management. Study of food marketing industry and food laws and their effect on current supplies and prices of food. Study and laboratory experience in planning, purchasing, preparation and service of nutritious and aesthetically pleasing meals. Emphasis on management of time, energy and money in contemporary meal situations. Lecture, discussion two hours; laboratory three hours. **Prerequisite:** FACS 011. Fall only. 3 units.

FACS 111. Experimental Study of Food. Application of scientific principles to food preparation, storage, and preservation. Emphasis on functional properties and interactions of ingredients, quality standards, and effects of techniques and ingredients on product quality. Practice in evaluating food using sensory and objective techniques. Includes an introduction to food research and recipe development. Lecture, discussion three hours; laboratory three hours. **Prerequisite:** FACS 011; CHEM 001A or CHEM 006A; SOC 008 or STAT 001. Spring only. 4 units.

FACS 113. Nutrition and Metabolism. Study of the structure, type and metabolism of carbohydrates, lipids and proteins. Discussion of the biological roles of vitamins and minerals. Application and integration of metabolic knowledge to contemporary and controversial issues in nutrition. Lecture, composition. **Prerequisite:** BIO 010 or BIO 020; CHEM 001A or CHEM 006A. Passing score on the WPE. 3 units.
FACS 114. Cultural and Social Aspects of Food. Examination of the cultural and social meanings of food, food behaviors and food systems. Emphasis on the regional, ethnic and religious influences on food habits. Study of food production, distribution, and consumption historically and cross-culturally; traditional dishes and nutritional contributions of diets of several cultures. Lecture-discussion. 3 units.

FACS 115. Nutrition in the Lifespan. Examination of nutritional concerns, requirements, and metabolism during several stages of the life cycle, including: pregnancy, lactation, infancy, childhood, adolescence and the elderly years. Analysis of cultural, environmental, physical and economic factors affecting nutritional status. Study of methods of assuring adequate nutrition through dietary selection and promotion of maternal, infant, and geriatric health. Lecture, discussion. Prerequisite: FACS 113. 3 units.

FACS 116. Food Service Management. Study of the commercial and noncommercial food service industry. Principles of quantity food production and quality assurance, procurement and delivery; safety and sanitation; and management of finances, human resources, facilities and equipment. Legislation and computer applications in the industry. Includes experience in a food service production facility. Lecture, discussion, three hours; field work, three hours. Prerequisite: FACS 011. 4 units.

FACS 117. Community Nutrition. Study of theory, concepts and philosophy affecting nutrition education and services in the community. Introduction to techniques or interviewing and counseling clients. Emphasis on culturally sensitive approaches to dietary assessment, counseling and community nutrition research. Use of a variety of teaching methods to improve nutrition status of the community. Field study involves practical experience in a community nutrition program. Lecture, discussion two hours; field study, three hours. Prerequisite: FACS 113. 3 units.

FACS 118A. Medical Nutrition Therapy I. Study of medical terminology and medical charting techniques, as related to medical nutrition therapy. Examination of various methods of nutritional assessment. Study of methods and appropriate uses of enteral and parenteral nutrition feeding and formulas in the context of nutrition support. Review of the etiology, development and dietary prevention and intervention of diseases influenced by nutrition such as: coronary heart disease, diabetes mellitus, obesity, gastrointestinal disease and hepatic and biliary diseases. Analysis of client education and applied problem solving through clinical case studies. Lecture, discussion two hours, activity two hours. Prerequisite: FACS 113; BIO 131. 3 units.

FACS 118B. Medical Nutrition Therapy II. Continuation of principles, methods, and skills as developed in FACS 118A. Review of the etiology, development and dietary prevention and intervention of diseases influenced by nutrition such as: cancer, renal disease, pulmonary disease, neurological disorders, HIV and AIDS, and inborn errors of metabolism. Lecture, discussion two hours, activity two hours. Prerequisite: FACS 118A. 3 units.

FACS 119. Nutrition and Aging. Study of basic nutrition as it applies to health and vitality of the elderly. Cultural, environmental, physical and economic factors affecting nutritional status of the elderly. Investigation of special nutritional problems and nutritional care of chronic diseases associated with aging, as well as nutritional programs for the elderly. Lecture, discussion. Prerequisite: FACS 010, FACS 159, or instructor permission. 3 units.

FACS 170. Advanced Nutrition and Metabolism. Study of the metabolic roles of macro- and micronutrients. Discussion of integrated metabolism with regard to organ system and nutrient interactions. Biochemical discussion of inborn errors of metabolism and effects upon nutrient metabolism and dietary requirements. Analysis of experimental designs and methods employed in nutritional science research. Prerequisite: CHEM 161, FACS 113; or instructor permission. Cross-listed as BIO 170; only one may be counted for credit. Lecture/discussion. 3 units.

Apparel Marketing and Design
FACS 130A. History of Western Costume. Study of costume from ancient times through 19th century: an interdisciplinary approach relating clothing as a universal means of symbolizing roles and social position. Emphasis on the ways clothing communicates values and attitudes displayed by the individual costume and appraised as a reflection of trends in technology, music, literature, interior design and social values. Lecture, discussion. 3 units.

FACS 130B. Contemporary Costume. Study of worldwide influences on costume from 1900 to present. Examination of social, economic and technical developments that have caused a revolution in the fashion industry. Attention given to the commercial organizations in the apparel industry including designers, textile manufactures and the consumer. 3 units.


FACS 132A. Apparel Design: Pattern Drafting. Application of pattern drafting and pattern making design principles. Introduction to computer aided design. Interpretation and creation of original designs and study of trends in the apparel industry. Studio activity six hours. Prerequisite: FACS 032 or instructor permission prior to registration. 3 units.

FACS 133. Fashion Sketching. Principles and procedures of fashion drawing. Study of body proportions, fashion poses, quality, detail, size specification and terminology studied in relation to computer aided design. Interpretation and creation of original designs and study of trends in the apparel industry. Studio activity four hours. 2 units.

FACS 134. Introduction to Fashion Marketing. Designed to develop an awareness and understanding of the total fashion industry including past, present and future directions of costume design, manufacturing, textiles, retailers’ publications, buying offices, advertising and the consumer. Prerequisite: ECON 001B or MGMT 120. 3 units.

FACS 135. Topics in Fashion Merchandising. Study of timely topics in Fashion Merchandising. Four units maximum may be applied toward the major or minor. 1-3 units.

FACS 135A. Analytical and Specification Buying. Precise quality, detail, size specification and terminology studied in relation to various areas of fashion merchandising. Study of retail private labeling programs. Lecture, discussion. Prerequisite: FACS 134. 1 unit.

FACS 135B. Fashion Advertising and Promotion. Study of numerous factors utilized to promote fashion merchandise including television, advertising, publicity, mail-order catalogs and in-store promotions. Lecture, discussion. Prerequisite: FACS 134. 2 units.
FACS 135D. Visual Merchandising Essentials. Introduces modern visual merchandising techniques, equipment and materials. Study and application of principles and practices in arranging and displaying merchandise for single store and chain organization usage. Supervised experience working with merchandise from retail stores. Lecture, discussion. Prerequisite: FACS 020, FACS 134; or instructor permission. 2 units.

FACS 135E. Buyer of Fashion Merchandise. Detailed study of merchandising mix, purchasing plan, pricing, markdown, and reports. Prerequisite: FACS 134. 1 unit.

FACS 136. Fashion Retailing. An advanced study which explores fashion merchandising techniques from single store to chain organizations, as well as women’s, men’s and children’s fashion merchandising. Prerequisite: FACS 134. 3 units.

FACS 137A. Social Psychology of Apparel. Relationship of humans and dress within their environment. Relative effects of societal factors, custom, and technology in determination of dress. Appearance is studied as a form of nonverbal communication and as a device for expressing cultural and social values. Lecture, discussion. Prerequisite: SOC 001. 3 units.

FACS 137B. Color and Design in Apparel. Chromatic, achromatic, and compound color systems as they relate to apparel will be discussed and explored through independent projects in fabric, fiber and media. Control of proportion, design elements, and organization of color in clothing will be studied. Focuses on the development of style and an individual creative approach to apparel design through assigned projects emphasizing experimental, contemporary and traditional techniques. Lecture, discussion. Prerequisite: FACS 020, FACS 031. 3 units.

FACS 138. Consumer Issues in Textiles and Clothing. Consumer related issues in the textile product market. Influences on consumer demand for textile products and services; regulations; maintenance of textile products; factors which influence availability of goods; special problems of the textile consumer. Lecture, discussion, reports. Prerequisite: FACS 031. 3 units.

FACS 195A. Field Study: Selected Areas in Family and Consumer Sciences. Guided study and experience in some area within Family and Consumer Sciences in which the student needs orientation or greater depth of study in a specialized field. Prerequisite: instructor permission. Graded Credit/No Credit. 1-3 units.

FACS 195C. Internship. Directed observation and supervised work experience in an approved business, government, or service agency. Internships are offered for the purpose of increasing student understanding of the nature and scope of agency operations and giving students orientation in occupational specialties. Supervision is provided by authorized persons in the cooperating agencies and collaborative supervision is provided by the Family and Consumer Sciences faculty. Each student is required to maintain a record of activities and assignments and to prepare periodic reports. Note: Student must make arrangements with a faculty member for a work program prior to admittance to the course. A minimum of three hours per week per unit of credit is required. Prerequisite: Upper division status; 2.5 GPA or above. Graded Credit/No Credit. 3 units.

FACS 196. Experimental Offerings in Family and Consumer Sciences. Study of selected topics in Family and Consumer Sciences, chosen in accordance with availability of faculty and indication of interest by students. 1-3 units.

FACS 199. Special Problems. Individual projects or directed reading. Note: Open only to students competent to carry on individual work. Admission requires the approval of the faculty member. 1-3 units.

GRADUATE COURSES

FACS 295. Field Study. Guided study, observation or work experience in an area in which the graduate student needs advance and specialized study. Prerequisite: Undergraduate major or minor in Family and Consumer Sciences; individual arrangement with instructor. Graded Credit/No Credit. 1-3 units.

FACS 296. Experimental Offerings in Family and Consumer Sciences. Advanced topics in Family and Consumer Sciences. Prerequisite: Undergraduate major or minor in Family and Consumer Sciences with completion of study in the five areas of Family and Consumer Sciences or individual arrangement with instructor. 1-4 units.

FACS 299. Special Problems. Any properly qualified student may pursue a problem after approval by his/her advisor and the staff member with whom he/she works. Prerequisite: Undergraduate major or minor in Family and Consumer Sciences. 1-3 units.