Family and Consumer Sciences

1. Change the following courses [Effective: Summer 2014]

Note: The department has been notified that statements like “Clothing, Textiles and Design majors must complete this course with a grade of ‘C’ or higher to continue in the program” included in the course description are unenforceable in the registration system. The department has been advised to update the requirements of the CTD majors to enforce this requirement.

FCS 119 Introduction to Fashion and the Apparel Industry (3 cr)
Introduction to the sewn product manufacturing and merchandising industry; overview of socio-cultural, historic, aesthetic, design, business, and economic factors; emphasis on careers in the sewn products industry. Students must complete this course with a grade of ‘C’ or higher as a prerequisite to future Clothing, Textiles and Design courses. (Fall only)
Prereq: Clothing, Textiles and Design major; or Child, Family, and Consumer Studies major; or Permission

Rationale: The requirement of a C or higher assures that ATD students possess the necessary understanding of the content presented in this foundation course. This course is our introduction course to our degree program, and we have both majors and non-majors enrolled in it. The addition of “or permission” allows us to add students from outside the Apparel, Textiles and Design major who may benefit from this course.

FCS 123 Textiles (3 cr)
Fiber, yarn, and fabric properties, color and finishes as they relate to performance, care, and consumer satisfaction. Students must complete this course with a grade of ‘C’ or higher as a prerequisite to future Clothing, Textiles and Design courses.
Prereq: Clothing, Textiles, and Design; or Child, Family, and Consumer Sciences/Family Life major; or Permission

Rationale: The requirement of a C or higher assures that CTD students possess the necessary understanding of the content presented in this foundation course.

FCS 224 Apparel Construction and Assembly Processes (3 cr)
Design conception, fabric characteristics, garment construction and assembly, principles of fitting, quality control for the apparel industry. Two 3-hour studios a week and assigned work. Students must complete this course with a grade of ‘C’ or higher as a prerequisite to future Clothing, Textiles and Design courses. (Spring only)
Prereq: FCS 123 with a grade of ‘C’ or better; and Clothing, Textiles, and Design; or Child, Family, and Consumer Sciences/Family Life major; or Permission

Rationale: The requirement of a C or higher assures that CTD students possess the necessary understanding of the content presented in this foundation course. The course covers basic garment construction that is necessary for FCS324 Patternmaking. This knowledge is also used for garment costing, building production timelines, and presentation of any apparel line. Upper division courses build on this course content. The prereq requirement of a C or higher in FCS 123 assures that CTD students possess the necessary understanding of textile related content to apply in FCS224.

FCS 235 Principles and Methods of Child Observation (3 cr)
Development of skills necessary to observe, record, and interpret child behavior; observations to be arranged. (Fall only)
Prereq: FCS 234 with a grade of ‘C’ or better; or Permission. (Fall only)

Rationale: The developmental content knowledge gained in FCS 234 provides the foundation to extend knowledge of child development and develop skills in observing and documenting development. Basic understanding of development is necessary to carry out lab assignments in FCS 235 field placements. A grade of C or better will indicate that the student has achieved a solid knowledge base to build new skills and competencies in FCS 235.

FCS 323 Apparel Product Development (3 cr)
Analysis of textile and apparel products and processes relative to design, development, and production methods, including evaluation of consumer value. Students must complete this course with a grade of ‘C’ or higher as a prerequisite to future Clothing, Textiles and Design courses.
Prereq: FCS 123 with a grade of ‘C’ or better and FCS 224 with a grade of ‘C’ or better; or Permission

Rationale: The requirement of a C or higher assures that CTD students possess the necessary understanding of the content presented in this course. This is a rigorous on-line course and the final grade of a C is a sufficient indicator of content knowledge and application. Upper division courses build on this course content. The prerequisite requirement of a C or higher in FCS 123 assures that
CTD students possess the necessary understanding of textile content to apply in FCS323. The prereq requirement of a C or higher in FCS224 assures that CTD students possess the necessary garment construction and component content to apply in FCS323.

**FCS 324 Patternmaking (3 cr)**
Methods and principles of flat pattern and draping design; use of pattern making skills and advanced construction skills in apparel product development; developing specifications for apparel production. Two 3-hour studios a week and assigned work. Students must complete this course with a grade of ‘C’ or higher as a prerequisite to future Clothing, Textiles and Design courses.

**Prereq:** FCS 224 with a grade of ‘C’ or better and Clothing, Textiles, and Design major; or Permission

**Rationale:**
The requirement of a C or higher assures that CTD students possess the necessary understanding of the content presented in this course. Upper division courses build on this course content. This is a required course for all CTD majors regardless of area of emphasis (Design, Merchandising, Technical Design) and a C is a sufficient indicator of understanding. The prereq requirement of a C or higher in FCS224 assures that CTD students possess the necessary understanding of that content to apply in FCS324.

**FCS 333 Developmental Curriculum for Young Children (4 cr)**
Principles and practices of a developmentally based curriculum, assessment, intervention, and evaluation. Three hrs of lec and two hrs of lab a wk. (Spring only)

**Prereq:** FCS 235 with a grade of ‘C’ or better or Permission

**Rationale:**
The enhanced understanding of development and the observation and assessment knowledge gained in FCS 235 provides the foundation to extend knowledge of child developmental and develop skills in creating developmentally appropriate curriculum for young children. Basic understanding of development and observation are necessary to carry out lab assignments in FCS 333 field placements. A grade of C or better will indicate that the student has achieved a solid knowledge base to build new skills and competencies in FCS 333.

**FCS 395 Career Development in Apparel & Textiles (1 cr, max 2)**
Preparation for professional internship and job search experiences, including identifying goals, skills, opportunities and strategies, fine-tuning resumes, the application processes, preparing for interviews, analyzing the internship, and introductory portfolio preparation. (Fall only)

**Prereq:** Cloth, Textiles and Design major or Permission

**Recommended Short Course Title:** Career Development in Apparel

**Rationale:**
The addition of “or permission” allows us to add students from outside the Clothing, Textiles and Design major who may benefit from this course.

**FCS 423 Sewn Product Industry Tour (1 cr, max 3 cr)**
Field site tours of apparel industry firms representing design, manufacturing, merchandising, sourcing, retailing, and other aspects of the industry. Forty-five hours of instruction, field experience, and follow-up project work (3 hours prep, 32 hours tours/company visits, 10 hours project). Variable field trip fee depending on actual cost.

**Prereq:** CTD Clothing, Textiles and Design major and junior standing; or Permission

**FCS 497 (a) Practicum|Internship Preschool (cr arr)**
On- or off-campus supervised Supervised applied experience in family and consumer sciences major areas—child development and family relations: clothing, textiles, and home design; food and nutrition; consumer education; and cooperative extension. The field experience offers opportunity for students to learn about working in settings for children and families.

**Prereq:** FCS 234 with a grade of ‘C’ or better, FCS 235 with a grade of ‘C’ or better, FCS with a grade of ‘C’ or better, and Permission

**Rationale:**
FCS 497 is a capstone course that is designed to provide students a practical application experience in supporting children and families in an early childhood setting. FCS 234 Infancy & early childhood development, FCS 235 Principles & Methods of Observation, and FCS 333 Developmental Curriculum for Young Children are the foundational courses that provide the student with the necessary knowledge and basic skills to participate in an early childhood setting. Earning a “C” or higher in these courses will indicate understanding of content required to participate in FCS 497. This course is taken by Early Childhood Development and Education students (ECDE). ECDE are certified to work with children age 0 – 8 years. The ECDE program includes two other internships and moving FCS 497 from Practicum to Internship: Preschool brings this course into alignment with the other courses. Transcripts will now reflect internships at age 0-3, 3-5, and K-12.

1. **Change the curricular requirements of Child, Family, and Consumer Studies (B.S.F.C.S.) [Effective: Summer 2014]**

   The minimum credits required for graduation are **132128**, including at least 36 credits at the 300-level or above. Required course work includes the university requirements (see regulation J-3) and one of the following options:

   **A. Child Development/Family Relations Option**
   The CDFR option allows students to develop individualized programs to meet personal and career goals. Careers include opportunities to provide direct services to children and families through teaching or child care, to fill advocacy roles, or to be involved with parent education.
Comm 101 Fundamentals of Public Speaking (2 cr)
EDCI 201 Contexts of Education (2 cr)
EDSP 300 Educating for Exceptionalities (2 cr)
FCS 105 Individual and Family Development (3 cr)
FCS 205 Concepts in Human Nutrition (3 cr)
FCS 234 Infancy and Early Childhood (3 cr)
FCS 235 Principles and Methods of Child Observation (3 cr)
FCS 240 Intimate Relationships (3 cr)
FCS 333 Developmental Curriculum for Young Children (3 cr)
FCS 334 Middle Childhood-Adolescence (3 cr)
FCS 340 Parent-Child Relationships in Family and Community (3 cr)
FCS 346 Personal and Family Finance and Management (4 cr)
FCS 436 Theories of Child and Family Development (3 cr)
FCS 440 Contemporary Family Relationships (3 cr)
FCS 445 Issues in Work and Family Life (3 cr)
FCS 497 Internship Practicum (9 cr)
H&S 288 First Aid: Emergency Response (2 cr)

General Education Mathematics Math 130 or higher; or Stat 251 or higher (3 cr)

Courses to total 128 credits for this degree

Rationale: The overall credit load is being reduced to 128 credits. This adjustment addresses the university move towards lowering credit requirements without impacting the foundational content knowledge required for working with children and families in a variety of community settings. This credit level will still allow students the flexibility to add electives to enhance and extend their expertise or add a minor to support their work with children and families. EDCI 201 course content has been revised over the past two years and no longer meets the needs of Child Development and Family Relations (CDFR) students. FCS 200 will add to the overall content knowledge of the CDFR major by providing foundational special education content. FCS 497 name is being changed to more accurately reflect the course associated with this course number. Currently any core mathematics course will satisfy the university core requirement and the CDFR major requirements. Although CS 101, CS 112, and Math 123 are core mathematics courses, the content and rigor of mathematical skills and application are not adequate for preparing CDFR students for work in the field.

B. Family Life Option
The Family Life Option provides a general preparation in family science. Students may select to pursue course preparation for Accredited Financial Counselor or Certified Family Life Educator. Career options include jobs in business firms, government agencies, and nonprofit organizations. Students could also declare a minor in Aging. See Advisor for specific coursework to pursue these options.

FCS 105 Individual and Family Development (3 cr)
FCS 123 Textiles (3 cr)
FCS 205 Concepts in Human Nutrition (3 cr)
FCS 234 Infancy and Early Childhood (3 cr)
FCS 240 Intimate Relationships (3 cr)
FCS 251 Survey of FCS Professions (1 cr)
FCS 323 Apparel Product Development (3 cr)
FCS 329 History of Western Dress (3 cr)
FCS 334 Middle Childhood-Adolescence (3 cr)
FCS 346 Personal and Family Finance and Management (4 cr)
FCS 419 Dress and Culture (3 cr)
FCS 428 Housing America’s Families (3 cr)
FCS 434 Adulthood and Aging Within the Context of Family (3 cr)
FCS 445 Work and Family Issues (3 cr)
FCS 448 Consumer Economic Issues (3 cr)
Stat 251 Statistical Methods (3 cr)

One of the following (3 cr):
FCS 340 Parent-Child Relationships in Family & Community (3 cr)
FCS 440 Contemporary Family Relationships (3 cr)

Courses to total 128 credits for this degree

Rationale: The overall credit load is being reduced to 128 credits. This adjustment addresses the university move towards lowering credit requirements without impacting the foundational content knowledge required for working with children and families in a variety of community settings. This credit level will still allow students the flexibility to add electives to enhance and extend their expertise or add a minor to support their work with children and families. FCS 251 is no longer offered and will not be replaced with another course. FCS 323 no longer meets the needs of the Family Life students. FCS 329 or FCS 419 are good options from the Clothing, Textile, and Design major to replace FCS 323 and meet the foundational needs of the Family Life students. Currently any core mathematics course will satisfy the university core requirement and the Family Life option requirements. STATS 251 is necessary for Family Life students to understand basic research.

2. Change the curricular requirements of Food and Nutrition (B.S.F.C.S.) [Effective: Summer 2014]
Required course work includes the university requirements (see regulation J-3) and one of the following options.

**A. Coordinated Program in Dietetics**

Upon acceptance to the professional phase of the CPD during the second semester of the sophomore year, students must maintain a cumulative grade-point average of at least 2.80 to remain in and graduate from the program. Students must also obtain at least a B (80%) in all CPD courses required by the American Dietetic Association.

- **Biol 120**  Human Anatomy (4 cr)
- **Biol 121**  Human Physiology (4 cr)
- **Chem 275**  Carbon Compounds (3 cr)
- **FCS 105**  Individual and Family Development (3 cr)
- **FCS 170**  Introductory Foods (3 cr)
- **FCS 175**  Introductory Foods Laboratory (1 cr)
- **FCS 205**  Concepts in Human Nutrition (3 cr)
- **FCS 270**  Intermediate Foods (3 cr)
- **FCS 301**  Professional Skills in Dietetics I (1 cr)
- **FCS 302**  Professional Skills in Dietetics II (1 cr)
- **FCS 361**  Advanced Nutrition (3 cr)
- **FCS 362**  Introduction to Clinical Dietetics (3 cr)
- **FCS 363**  Medical Nutrition Therapy (4 cr)
- **FCS 364**  Clinical Dietetics I (4 cr)
- **FCS 365**  Advanced Nutrition Lab (1 cr)
- **FCS 384**  Quantity Food Production and Equipment (3 cr)
- **FCS 385**  Intro Dietetics Supervised Practice I (2 cr)
- **FCS 387**  Food Systems Management (3 cr)
- **FCS 388**  Food Systems Management Lab (1 cr)
- **FCS 411**  Global Nutrition (3 cr)
- **FCS 463**  Helping Skills in Dietetics (2 cr)
- **FCS 472**  Clinical Dietetics II (8 cr)
- **FCS 473**  Community Nutrition (3 cr)
- **FCS 486**  Nutrition in the Life Cycle (3 cr)
- **FCS 487**  Community Nutrition Supervised Practice (4 cr)
- **FCS 488**  Management Supervised Practice (8 cr)
- **FCS 491**  Research Methods in Food Nutrition (3 cr)
- **FCS 492**  Nutrition Education in the Life Cycle (2 cr)
- **Math 143**  Pre-calculus Algebra and Analytic Geometry (3 cr)
- **MMBB 154, MMBB 155**  Introductory Biology of Bacteria and Viruses and Lab (4 cr)
- **MMBB 300**  Survey of Biochemistry (3 cr)
- **Psyc 101**  Introduction to Psychology (3 cr)
- **Soc 101**  Introduction to Sociology (3 cr)
- **Stat 251**  Statistical Methods (3 cr)

One of the following (3 cr):
- **Acct 201**  Introduction to Financial Accounting (3 cr)
- **Acct 202**  Introduction to Managerial Accounting (3 cr)

One of the following (3 cr):
- **Chem 101**  Intro to Chemistry I (4 cr)
- **Chem 111**  Principles of Chemistry I (4 cr)

2 credits selected from the following:
- **FCS 305**  Nutrition Related to Fitness and Sport (2 cr)
- **FCS 435**  Feeding Young Children in Group Settings (1 cr)
- **FCS 462**  Eating Disorders (2 cr)
- **FCS 475**  Food Preservation (1 cr)

**Courses to total 132 credits for this degree**

**B. Nutrition Option**

The rationale: FCS 302 is being eliminated from the dietetics option curriculum so students have credits available to take an ISEM 301 Great Issues course.