# College of Family and Consumer Sciences
## B.S.F.C.S. in Nutritional Sciences

### University Requirements
- Cultural Diversity
- Environmental Literacy
- Federal & Georgia Constitution
- U.S. & Georgia History
- Experiential Learning
- Physical Education
- First-Year Odyssey Seminar

### College Requirements
- FACS 2000
- FHCE 2100 or HDFS 2100

### General Education Core (60 hours)

#### I. Foundation Courses (9 hours)
- 3 ENGL 1101 English Composition I
- 3 ENGL 1102 English Composition II
- 3 MATH 1113 Precalculus

#### II. Sciences (8 hours)
- 4 CHEM 1211-1211L Freshman Chemistry I
- 4 BIOL 1107-1107L Principles of Biology I

#### III. Quantitative Reasoning (3-4 hours)
- 3-4 Preferred: STAT 2000 or BIOS 2010-2010L

#### IV. World Languages and Culture, Humanities and the Arts (12 hours)
- World Languages and Culture (9 hours), Humanities and the Arts (3 hours)
  - 3
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  - 3

#### V. Social Sciences (9 hours)
- Preferred: POLS 1101 (Satisfies Federal & GA Constitution requirements)
- Preferred: HIST 2111 or HIST 2112 (Satisfies U.S. & GA History requirement)
- Social Science Preferred: ECON 2105 or ECON 2106 or PSYC 1101 or SOCI 1101

#### VI. Major Related Courses (18 hours)
- 4 BIOL 1108-1108L Principles of Biology II & Lab
- 4 CHEM 1212-1212L Freshman Chemistry II & Lab
- CHEM 1312H-1312L Advanced Freshman Chemistry II & Lab
- 4 CHEM 2211-2211L Modern Organic Chemistry I & Lab
- CHEM 2311H-2311L Advanced Organic Chemistry I & Lab
- 3 FDNS 2100 or 2100H Human Nutrition & Food
- 3 FHCE 2100 or 2100H or 2100E Family Economic Issues through the Life Course
- HDFS 2100 or 2100E or 2100E Development within the Family
- HDFS 2200 Introduction to Lifespan Development
**Major Requirements (60 hours)**

*Grade of "C" (2.0) or higher is required for each course, including major electives*

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<tr>
<th>Required Courses (45-47 hours)</th>
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<tr>
<td>____ 4</td>
<td>BCMB 3100 Introductory Biochemistry &amp; Molecular Biology or</td>
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<td>BCMB 4010 Biochemistry &amp; Molecular Biology I</td>
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<td>____ 3-4</td>
<td>BIOL 3110L Basic Skills in the Laboratory or</td>
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<td>MIBO 3510L Introductory Microbiology Laboratory</td>
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<td>____ 4</td>
<td>CBIO 2200-2200L Anatomy &amp; Physiology I or</td>
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<td>CBIO 3000-3000L Comparative Vertebrate Anatomy</td>
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<td>____ 3-4</td>
<td>CBIO 2210-2210L Anatomy &amp; Physiology II or</td>
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<td>VPHY 3100 Elements of Physiology</td>
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<td>____ 1</td>
<td>FACS 2000 Introduction to Family and Consumer Sciences</td>
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<td>____ 1</td>
<td>FDNS 2400 Introduction to Nutrition Science</td>
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<td>____ 3</td>
<td>FDNS 3100 Macronutrients &amp; Energy Balance</td>
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<td>____ 3</td>
<td>FDNS 4100 Micronutrient Nutrition</td>
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<td>____ 3</td>
<td>FDNS 4510 Nutrition Related to the Human Life Cycle or</td>
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<td>FDNS 4050 Optimal Nutrition for the Life Span</td>
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<td>____ 4</td>
<td>FDNS 4530 Medical Nutrition Therapy II</td>
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<td>____ 3</td>
<td>FDNS 4540 Public Health Dietetics or</td>
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<td>____ 3</td>
<td>FDNS 4630 Cultural Aspects of Foods &amp; Nutrition</td>
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<td>____ 3</td>
<td>FDNS 4570 Inherited Metabolic Disorders or</td>
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<td>FDNS 4590 Metabolism &amp; Physiology of Energy Balance &amp; Obesity</td>
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<td>____ 3</td>
<td>MATH 2200 Analytic Geometry &amp; Calculus or</td>
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<td>MATH 2250 Calculus I for Science &amp; Engineering</td>
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<td>____ 3</td>
<td>MIBO 3500 Introductory Microbiology</td>
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*Note: Pre-med students requiring PHYS 1112-1112L and CHEM 2212-2212L should choose upper-division courses (CBIO 3000-3000L and VPHY 3100) instead of CBIO 2200-2200L and CBIO 2210-2210L. This helps to ensure that students earn the 39 hours of upper-division courses (3000-level or higher) required for graduation.*

**Major Electives (13-15 hours)**

*Grade of "C" (2.0) or higher is required for each course*

Choose 14-15 hours from the following:

- AAEC 4050
- ANTH 4590
- BCMB(GENE) 3433
- BCMB 3600
- BCMB 4020 or BCMB 4120
- BCMB 4030L
- BCMB(Chem) 4110
- BCMB 4130
- BCMB 4960L
- BIOS 3000
- CBIO 3250
- CBIO 3600
- CBIO 3710
- CBIO 4200
- CBIO 4340
- CBIO 4500
- CBIO 4730
- CHEM 2212-2212L
- CLAS 1030
- EHSC 3060
- ENVM(EHSC) 4250
- ENVM(AAEC) 4930
- EPID 4070
- FDNS 3010
- FDNS(KINS) 4220
- FDNS 4240
- FDNS 4570
- FDNS 4580
- FDNS 4590
- FDNS 4600 or 4600E
- FDNS 4900
- FDNS 5010
- FDNS 5710 or 5710S
- FDST 4100
- GEN 3200-3200D
- GENE 3210L
- GENE 4210L
- GENE 4500
- HDFS 2200 or 2200E
- HORT(ANTH)(PBIO) 3440
- HPRB 3210
- KINS 3700
- KINS 4300
- KINS 4400
- KINS 4630
- KINS(FDNS) 4700
- PHYS 1111-1111L
- PHYS 1112-1112L
- PHRM(PMCY) 3010
- PSYC 3230
- PSYC 4220
- PSYC 5850

**General Electives:** Refer to DegreeWorks General Elective Calculator for any remaining requirements

**P.E. (1 hour) ____ 1** PEDB Physical Education Basic

**Total Hours Required for Graduation:** **120** (not including P.E.)

**Academic Advisor:** Bev Hull
109 Dawson Hall
bev@uga.edu