**B.S. IN FAMILY AND CONSUMER SCIENCES (8-12 HOSPITALITY, NUTRITION, & FOOD SCIENCES CERTIFICATION)**

**Web Site**: https://twu.edu/human-development-family-studies-counseling/undergraduate-programs/family-consumer-sciences/

## Degree Requirements

Total Semester Credit Hours (SCH): 120

**Major**: 52 SCH; **Required Minor**: 26

**Program Code**: FMLYCNSMRSCI.BS; **CIP Code**: 19.0101.00

All undergraduate students seeking initial Texas teacher certification through Texas Woman's University must complete the Education Minor. Students not seeking FCS teacher certification should select a new major area of study. See department website: www.twu.edu/family-sciences (http://www.twu.edu/family-sciences/).

### Texas Core Curriculum

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>SCHs</th>
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</thead>
<tbody>
<tr>
<td>ENG 1013</td>
<td>Composition I</td>
<td>3</td>
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<tr>
<td>ENG 1023</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Life &amp; Physical Sciences</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Language, Philosophy, &amp; Culture</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Creative Arts</td>
<td></td>
<td>3</td>
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<tr>
<td>HIST 1013</td>
<td>History of the United States, 1492-1865</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1023</td>
<td>History of the United States, 1865 to the Present</td>
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<tr>
<td>POLS 2013</td>
<td>U.S. National Government</td>
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<tr>
<td>POLS 2023</td>
<td>Texas Government</td>
<td>3</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CAO: Women's Studies</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CAO: First Year Seminar, Wellness or Mathematics</td>
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### Courses Required for Major

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<tbody>
<tr>
<td>HDFS 1001</td>
<td>Seminar in Family Sciences</td>
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<tr>
<td>HDFS 3513</td>
<td>Childhood and Adolescence</td>
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<tr>
<td>HDFS 3723</td>
<td>Field Experience in Family and Consumer Sciences Occupations</td>
<td>3</td>
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<tr>
<td>HDFS 4703</td>
<td>Methods of Teaching in Family And Consumer Sciences</td>
<td>3</td>
</tr>
<tr>
<td>NFS 1302 &amp; NFS 1301</td>
<td>Food Preparation Principles and Food Preparation Principles Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>NFS 2323</td>
<td>Introduction to Nutrition</td>
<td>3</td>
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<tr>
<td>NFS 3033</td>
<td>Nutrition throughout the Life Cycle</td>
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### NFS 3043 | Community Nutrition                         | 3    |
| NFS 3323 | Food Science                                | 4    |
| & NFS 3321 | Food Science Laboratory                      |      |
| NFS 3713 & NFS 3722 | Quantity Food Production and Service and Quantity Food Production and Service Laboratory | 5 |
| NFS 4023 | Food Product Development                     | 3    |
| NFS 4473 | Nutrition Therapy and Education Methods     | 3    |
| or NFS 4943 | Trends and Controversies in Nutrition and Food Sciences | |
| NFS 4701 | Dietetics As a Profession                    | 1    |
| or NFS 3041 | Food Protection Management                  |      |
| NFS 4744 | Foodservice Systems                          | 4    |
| **Total SCHs** |                                            | 42   |

### Departmental Requirements

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CSCI 3002</td>
<td>Advanced Computing Technology</td>
<td>2</td>
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<td>NFS 2033</td>
<td>Food Microbiology</td>
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<tr>
<td>&amp; NFS 2031</td>
<td>Food Microbiology Laboratory</td>
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<td>MGT 3003</td>
<td>Principles of Management</td>
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<tr>
<td>or HDFS 4773</td>
<td>Family Resource Management</td>
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<tr>
<td>Elective</td>
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### Education Minor

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<tbody>
<tr>
<td>EDUC 2003</td>
<td>Schools and Society</td>
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<tr>
<td>EDUC 3003</td>
<td>Learning Theory and Development</td>
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<tr>
<td>EDUC 3482</td>
<td>Teaching Diverse Learners Through Technology Integration</td>
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<tr>
<td>EDUC 4113</td>
<td>Design and Implementation of Instruction and Assessment</td>
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<tr>
<td>EDUC 4243</td>
<td>Classroom Environment and Management</td>
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<tr>
<td>EDSP 4203</td>
<td>Learners with Exceptionalities</td>
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<tr>
<td>EDUC 4946</td>
<td>Clinical Student Teaching</td>
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<tr>
<td>READ 3013</td>
<td>Literacy and Learning across the Curriculum</td>
<td>3</td>
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<tr>
<td><strong>Total SCHs</strong></td>
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