

## Requirements for a Bachelor of Science Degree in Education and Human Sciences UNL Option Sheet

Department: Textiles, Merchandising &amp; Fashion Design

Option: Textile Science

**Total Hours Required for Degree: 120**

Bulletin Year 2013-2014

**I. ACHIEVEMENT CENTERED EDUCATION****(ACE)**

- ACE #1** Written Texts (3 hrs) \_\_\_\_\_  
(Any)
- ACE #2** Communication Skills (4 hrs)   
TMFD 141A & TMFD 141B
- ACE #3** Mathematical, Computational, Statistical, or Formal Reasoning Skills (3 hrs)   
STAT 218
- ACE #4** Study of Scientific Methods & Knowledge of Natural & Physical World (4 hrs)   
CHEM 109 or CHEM 113
- ACE #5** Study of Humanities (3 hrs)   
TMFD 408
- ACE #6** Study of Social Sciences (3/4 hrs)   
PSYC 181 or SOCI 101
- ACE #7** Study of the Arts (3 hrs)   
AHIS 101
- ACE #8** Ethical Principles, Civics, Stewardship & Their Importance to Society (3 hrs)   
ECON 200
- ACE #9** Global Awareness, Knowledge of Human Diversity through Analysis of an Issue (3 hrs)   
TMFD 123
- ACE #10** Integration of Abilities, Capacity in a Creative or Scholarly Product (3 hrs)   
TMFD 412

**II. Supporting Requirements (23/26 hrs)***All courses must be taken for a grade (not Pass/No Pass).*

- \*AHIS 101 Introduction to Art Hist & Criticism I (3 hrs) \_\_\_\_\_
- AHIS 102 Introduction to Art Hist & Criticism II (3 hrs) \_\_\_\_\_
- \*CHEM 109 General Chemistry I OR  
CHEM 113 Fundamental Chemistry I (4 hrs) \_\_\_\_\_
- \*ECON 200 Economic Essentials & Issues (3 hrs) \_\_\_\_\_
- \*PSYC 181 Introduction to Psychology OR  
SOCI 101 Introduction to Sociology (3/4 hrs) \_\_\_\_\_
- MATH 101 College Algebra OR  
MATH 104 Calculus for Managerial & Social Sciences OR  
MATH 106 Analytic Geometry & Calculus I (3/5 hrs) \_\_\_\_\_
- \*STAT 218 Introduction to Statistics OR  
EDPS 459 Statistical Methods (3 hrs) \_\_\_\_\_
- LIBR 110 Introduction to Library Research (1 hr) \_\_\_\_\_

\*indicates ACE Course.

**III. Professional Requirements (68 hrs)***All courses must be taken for a grade (not Pass/No Pass)**Introductory TMFD Courses (20 hours)*

- TMFD 101 Orientation to TMFD (1 hr)
- TMFD 103 Prod Dev I: Garment Assembly (1 hr)
- \*TMFD 123 Clothing & Human Behavior (3 hrs) \_\_\_\_\_
- \*TMFD 141 A Vis Lit: Color (2 hrs) \_\_\_\_\_
- \*TMFD 141 B Vis Lit: Speculative Drawing (2 hrs) \_\_\_\_\_
- TMFD 143 Vis Lit: Art & Design (2 hrs) \_\_\_\_\_
- TMFD 206 Textiles (3 hrs) \_\_\_\_\_
- TMFD 212 Product Develop II: Apparel Analysis & Development (3 hrs) \_\_\_\_\_
- TMFD 213 Merchandising I: Textile & Apparel Industry (3 hrs) \_\_\_\_\_
- Advanced TMFD Courses (14 hrs)*
- TMFD 405 Advanced Textiles (3 hrs) \_\_\_\_\_
- \*TMFD 408 History of Textiles (3 hrs) \_\_\_\_\_
- \*TMFD 412 Product Development IV: Trend Analysis & Product Conceptualization (3 hrs) \_\_\_\_\_
- TMFD 422 Intl Textile & Apparel Sourcing (3 hrs) \_\_\_\_\_
- TMFD 492 Professional Study Tour OR  
TMFD 498 Internship (2 hrs) \_\_\_\_\_

*Textile Science Courses (9 hrs)*

- TMFD 406 Textile Testing & Evaluation (3 hrs) \_\_\_\_\_
- TMFD 428 Coloration (3 hrs) \_\_\_\_\_
- TMFD 499 Undergraduate Research (3 hrs) \_\_\_\_\_

*Professional Textile Courses (6 hrs)**Select from:*

- TMFD 140A Vis Lit: Analysis &/or Comp (2)
- TMFD 140 B Vis Lit: Perceptual Drawing (2)
- TMFD 216 Flat Pattern (3)
- TMFD 225 Surface Design on Textiles (3)
- TMFD 313 Merchandising II: Merchandise Buying & Control (3)
- TMFD 325 Woven & Nonwoven Textile Design (3)
- TMFD 407 History of Costume (3)
- TMFD 425 Advanced Design for Printed Textiles (3)
- TMFD 492 Professional Study Tour OR  
TMFD 498 Internship (2/3) (6 hrs) \_\_\_\_\_

*Professional Supporting Courses (13 hrs; 6 courses)**Select from:*

- CHEM 110 (4); CHEM 221 (4);  
CHEM 251/253 (4) OR CHEM 255/257 (4);  
CHEM 252/254 (4); CHEM 261/263 (5);  
CHEM 262/264 (5) (13 hrs) \_\_\_\_\_

*Other Areas (6 hrs)*

- ACCT, BLAW, CHEM, CSCE, ECON, ENTR, FINA,  
MATH, MIST, MNGT, MRKT OR PHYS (6 hrs)

**IV. Electives (23-26 hrs)****Total 120 hours**

While every attempt has been made to accurately list all course requirements, please refer to the Undergraduate Bulletin for the official program. The TMFD Department reserves the right to make any changes to the program. It is advised to check with your advisor each semester to determine progress toward graduation.