

Textile Technology (BS): Supply Chain Operations (18TEXTECHBS-18TEXTECHSC)

Freshman Year

| Fall Semester | Credit | Spring Semester | Credit |
|--|--------|--|--------|
| CH 101 Chemistry – Molecular Sci ^{B 2} | 3 | MA 231 Calculus for Life and Mgmt Sci B ^{A 1 2} | 3 |
| CH 102 General Chemistry Lab ^{B 2} | 1 | MA 132 Comp Math for Life & Mgmt ^{A 1} | 1 |
| ENG 101 Acad Writing & Research ^H | 4 | PY 211 College Physics I ^{B 1} | 4 |
| MA 131 Calc for Life & Mgmt Sci A ^{A 1 2} | 3 | TMS 211 Intro to Fiber Science | 3 |
| TT 105 Intro to Textile Technology | 3 | FTM 217 Business of Technical Textiles | 3 |
| T 101 Introduction to the College of Textiles | 1 | HESF*** Health and Exercise Studies ^E | 1 |
| | 15 | | 15 |

Sophomore Year

| Fall Semester | Credit | Spring Semester | Credit |
|--|--------|---|--------|
| EC 205 Fund of Economics ^D | 3 | ST 311 Intro to Statistics ^{A 1} | 3 |
| PY 212 College Physics II ^{B 1} | 4 | TE 200 Poly Sci & Engr | 3 |
| TT 327 Yarn Prod & Properties | 4 | TT 351 Woven Fabric Technology | 3 |
| TT 380 Mgmt & Ctrl Text & App Syst | 3 | TT 341 Knitted Fabric Technology | 3 |
| GEP Humanities Elective ^C | 3 | ACC 210 Concepts of Financial Reporting | 3 |
| | 17 | | 15 |

Junior Year

| Fall Semester | Credit | Spring Semester | Credit |
|--|--------|---|--------|
| TT 305 Intro Nonwoven Products & Processes | 3 | TT 331 Performance Evaluation of Textiles Mat | 4 |
| TT 481 Design Tech of Technical Textiles | 3 | MT 366 Biotextile Product Development | 3 |
| PCC 302 Technology of Textile Wet Processing | 4 | TT 405 Advanced Nonwoven Processes | 3 |
| GEP Social Science Elective ^D | 3 | GEP Additional Breadth Elective ^F | 3 |
| TT 480 Op Mgt Decisions for Textiles | 3 | TT 486 Supply Chain Mgt in Textile Industry | 3 |
| | 16 | | 16 |

Senior Year

| Fall Semester | Credit | Spring Semester | Credit |
|---|--------|---|--------|
| TT 401 TT Senior Design I | 4 | TT 402 TT Senior Design II | 4 |
| GEP Humanities Elective ^C | 3 | GEP Interdisc. Perspectives Elective ^G | 3 |
| GEP Interdisc. Perspectives Elective ^G | 2-3 | TT 431 Quality Management and Control | 3 |
| HESF*** Health & Exercise Studies Course ^E | 1 | Textile Supply Chain Oper Elective ³ | 3 |
| BUS 320 Financial Management | 3 | | |
| Textile Supply Chain Oper Elective ³ | 3 | | |
| | 16-17 | | 13 |

Minimum Credit Hours Required for Graduation* ^{I,J,K}:

123-124

Major/Program Footnotes

1. Acceptable substitutions: MA 141 for MA 131 and 132, MA 241 for MA 231, (PY 205 and PY 206) for PY 211, (PY 208 and PY 209) for PY 212. ST 361 or ST 370 for ST 311.
2. Must be completed with a grade of C- or higher for major requirements: CH 101, CH 102, MA 131, MA 231.
3. Textile Supply Chain Operations Elective: Select 6 credit hours from any MT or TT courses 300 level or higher or (TE 110, TE 440, FTM 310, FTM 481, FTM 484, FTM 487).

*General Education Program (GEP) requirements and GEP Footnotes

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied. University approved GEP course lists for each of the following categories can be found at <https://oucc.dasa.ncsu.edu/general-education-program/>.

A. Mathematical Sciences (6 credit hours; one course with MA or ST prefix) *Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: MA 131/132 or MA 141, MA 231 or MA 241, ST 311, or ST 361, or ST 370*

B. Natural Sciences (7 credit hours; include one laboratory course or course with a lab) *Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: CH 101, CH 102, PY 211 or (PY 205 and PY 206), PY 212 or (PY 208 and PY 209)*

C. Humanities (6 credit hours selected from two different disciplines/course prefixes) *Choose from the University approved GEP Humanities course list.*

D. Social Sciences (6 credit hours selected from two different disciplines/course prefixes) *Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: EC 205 fulfills 3 hours of this requirement. Choose 3 hours from the Soc Sci GEP course list in a discipline other than Economics.*

E. Health & Exercise Studies (2 credit hours; at least one 100-level Health & Exercise Studies Course) *Choose from the University approved GEP Health & Exercise Studies course list.*

F. Additional Breadth (3 credit hours to be selected from the following checked University approved GEP course lists)

X Humanities/Social Sciences/Visual and Performing Arts

G. Interdisciplinary Perspectives (5-6 credit hours)

Choose from the University approved GEP Interdisciplinary Perspectives course list

H. Introduction to Writing (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following **Co-Requisites** must be satisfied to complete the General Education Program requirements

I. U.S. Diversity (USD)

Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite.

J. Global Knowledge (GK)

Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite.

K. Foreign Language proficiency Proficiency at the FL_102 level is required for graduation.