

Textile Technology (BS): Textile Design (18TEXTECHBS-18TEXTECHTD)- No New Admissions

Freshman Year

Fall Semester	Credit	Spring Semester	Credit
CH 101 Chemistry – Molecular Sci ^B	3	T 102 Introduction to Product Evolution	2
CH 102 General Chemistry Lab ^B	1	MA 231 Calculus for Life and Mgmt Sci B ^{A1}	3
ENG 101 Acad Writing & Research ^H	4	MA 132 Comp Math for Life & Mgmt ^{A1}	1
MA 131 Calc for Life & Mgmt Sci A ^{A1}	3	PY 211 College Physics I ^{B1}	4
TT 105 Intro to Textile Technology	3	TMS 211 Intro to Fiber Science	3
T 101 Introduction to the College of Textiles	2	FTM 217 Business of Textiles	3
	16		16

Sophomore Year

Fall Semester	Credit	Spring Semester	Credit
EC 205 Fundamentals of Economics ^D	3	ST 361 Intro to Statistics ^A	3
PY 212 College Physics II ^{B1}	4	TT 252 Formation & Structure of Textile Fabrics	4
TT 221 Yarn Prod & Properties I	2	TT 321 Yarn Prod & Properties II	3
TE 200 Poly Sci & Engr	3	TT 380 Mgmt & Ctrl Textile and Apparel Systems	3
CSC 200 Intro to Comp & Use ³	3	GEP Humanities Elective ^C	3
HES_*** Health & Exercise Studies Course ^E	1		
	16		16

Junior Year

Fall Semester	Credit	Spring Semester	Credit
PCC 302 Technology of Textile Wet Processing	4	TT 305 Intro Nonwoven Products & Processes	3
FTM 282 Intro to Txt Brand Mgmt/Mktg	3	TT 331 Performance Evaluation of Textiles Mat	4
TT 341 Knitted Fabric Technology	3	Textile Design Elective ²	3
TT 372 Knitted Textile Design	3	TT 371 Woven Textile Design	3
GEP Social Science Elective ^D	3	GEP Humanities Elective ^C	3
	16		16

Senior Year

Fall Semester	Credit	Spring Semester	Credit
TT 431 Quality Management and Control	3	TT 499 Senior Project	4
TT 470 Jacquard Woven Fabric Design	3	TT 451 Advanced Woven Fabric Design	3
GEP Additional Breadth Elective ^F	3	GEP Interdisc. Perspectives Elective ^G	3
GEP Interdisc. Perspectives Elective ^G	2-3	Textile Design Elective ²	3
HES_*** Health & Exercise Studies Course ^E	1		
	12-13		13

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

121

Major/Program Footnotes

1. Acceptable substitutions: MA 141 for MA 131 and 132, MA 241 for MA 231, PY 205/PY 206 for PY 211, PY 208/PY209 for PY 212.
2. Textile Design Elective: Select two courses for six credit hours from: TT 405, TT 421, TT 425, TT 441, MT 323, MT 452.
3. Acceptable substitutions: TE 110 or CSC 114 or FTM 271.

***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 <http://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 361

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, PY 212 or PY 208

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 the Soc Sci requirement. Choose a 3 hour Soc Sci GEP course 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)

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.