NC STATE Wilson College of Textiles

Prospective Student Degree Planning Sheet

B.S. Degree in Fashion and Textile Design (FTD)
Concentration: Textile Design – Effective Fall 2024

Use as a guide only. Students will enter the most current curriculum as of the semester in which they are first enrolled at NC State. Current curricula can be found on the NC State Catalog Page:
http://catalog.ncsu.edu/undergraduate/textiles/#departmentsandplanstext

Students can search course equivalencies through NC State's Transfer Course Credit Database:
https://webappprd.acs.ncsu.edu/php/transfer/ or the Transfer Planner

Orientation			
NC State Requirement	**NCCC Equivalent**	**Equivalent Course at Current Institution**	**Credit Hours**
T 101 – Strategies for Success in the Wilson College of Textiles	No equivalent	No equivalent	1
Math and Sciences			
MA 131 – Calculus for Life and Mgmt Sciences (or MA 141) *pre-requisite C- or better in MA 107 or MA 111 or 520 or better on the SAT Subject Test in Mathematics Level 2 or the NCSU Math Skills Test, or 2 or better on an AP Calculus exam	MAT 271		3
MA 231 – Calculus for Life and Mgmt Sciences B (or MA 241) *pre-requisite MA 131 or MA 141	MAT 272		3
CH 101/102 – Chemistry Molecular Science with lab *pre-requisite C- or better in CH 111 or Chem Placement Score	CHM 131/a or CHM 151		4
PY 211 – College Physics I (or PY 205/206) *pre-requisite MA 107 or above w/ C- or better or 480 on Math Skills test or AP Calculus score 2	PHY 151		4
TMS 211 – Introduction to Fiber Science *pre-requisite TT 105; co-requisite MA 131 or 141	No equivalent		3
Major Requirements			
TT 105 – Intro to Textile Technology	No equivalent		3
TTM 106 – Yarn Formation, Classification and Number Systems *pre-requisite TT 105; co-requisite MA 131 or MA 141	No equivalent		1
FTM 217 – The Textile Industry *pre-requisite TT 105	No equivalent		3
FTD 200 – Design Skills Workshop *pre-requisite TT 105; co-requisite FTD 105	No equivalent		3
TT 252 – Formation and Structure of Textile Fabrics *pre-requisite TTM 106	No equivalent		4

FTD 201 – Computer-Aided Textile Design and Color Studio *pre-requisite D 101, FTD 105, and grade of C or better in FTD 200	No equivalent		6
FTM 282 – Marketing Fundamentals in Textiles and Apparel *pre-requisite FTM 217	No equivalent		3
PCC 302 – Technology of Textile Wet Processing *pre-requisite TT 105, TMS 211, CH 101, PY 211	No equivalent		4
FTM 310 – Entrepreneurship and New Product Development in Textiles *pre-requisite Junior Standing	No equivalent		3
ADN 281 – Drawing I *pre-requisite Design Majors and Minors	ART 235		3
D 100 – Design Inquiry I: Methods and Processes	No equivalent		3
D 101 – Design Inquiry II: Methods and Processes	No equivalent		3
FTD 104 – Fashion and Textile Design First Year Studio I *co-requisite D 100	No equivalent		6
FTD 105 – Fashion and Textile Design First Year Studio II *pre-requisite D 100 and FTD 104; co-requisite D 101 and FTD 200	No equivalent		6
Textile Design Concentration Requirements			
FTD 373 – Yarn Design Studio *pre-requisite TTM 106, C or better in FTD 201	No equivalent		3
FTD 374 – Surface Design and Texture *pre-requisite TT 105 and C or better in FTD 200, 201	No equivalent		3
FTD 375 – Woven Textile Design Studio I *pre-requisite C or better in FTD 373 and TT 252	No equivalent		3
FTM 376 – Knitted Textile Design Studio I *pre-requisite C or better in FTD 373 and TT 252	No equivalent		3
FTD 475 – Woven Textile Design Studio 2 *pre-requisite C or better in FTD 375	No equivalent		3
FTD 476 – Knitted Textile Design Studio 2 *pre-requisite C or better in FTD 376	No equivalent		3
FTD 479 – Senior Textile Design Studio *pre-requisite FTD 374, 475, 476	No equivalent		6
Advised Electives	No equivalent		6
GEP Courses (General Education) To see which courses satisfy each GEP category, review these GEP lists. http://catalog.ncsu.edu/undergraduate/gep-category-requirements/			
ENG 101 – Academic Writing and Research (or FLE 101 if 1st language is not English)	ENG 111 & ENG 112 or ENG 113		4
Humanities Electives *Students need to have two courses from two different subject areas	Multiple- use list above		6
Social Science Elective	Multiple- use list above		6
HES* 100 level *May be taken S/U	Multiple- use list above		1
HES* 100 or 200 level *May be taken S/U	Multiple- use list above		1
US Diversity, Equity and Inclusion Elective	Multiple- use list above		3
Global Knowledge – one course from general education requirements or free electives must focus on Global Knowledge	Multiple- use list above		0

*co-requisite- can double count toward 3 hours of humanities, social science, or interdisciplinary perspective			
World Language Proficiency– typically satisfied through 2 levels of the same language in high school with at least a C			0
Minimum Total Credit Hours in Degree Required for Graduation			**120 hours**