

Textile Engineering

Transfer Requirements

- English Composition I
- English Composition II
- Calculus I (MA 141)
- Calculus II (MA 241)
2.5 GPA in the last two Calculus or higher Mathematics courses
- Chemistry (CH 101/102)
- Calculus-based Physics (PY 205)
- GPA requirement: 3.0+

Please note: Engineering majors can only apply for the fall semester

Transfer Admission Review Process

NC State Undergraduate Admissions employs a holistic approach in reviewing transfer students' applications and considers a range of accomplishments and qualifications. While competitive transfer applicants must meet the following, these alone do not guarantee admission:

- Strong cumulative GPA for all transferable college work previously attempted
- 30 semester hours (or 45 quarter hours) of transferable credits (Qualifying AP scores can be used to meet transfer admission coursework requirements.)
- Eligibility to return to each institution previously attended
- UNC-system Minimum Course Requirements, if under 21 years old or have less than 24 transferable hours at the time of the application
- Attempted coursework through NC State University's Non-Degree Studies Program (NDS) must have a minimum GPA of 2.0 or higher in order to be considered for admission

GPA's are calculated based on all transferable-types of courses attempted. Courses repeated at previous institutions are calculated with the original grades earned. We will exclude the two lowest grades below a C- when calculating the overall cumulative GPA from all transferable coursework attempted outside of NC State University.

Please note: Students taking college-level courses while in high school (dual enrollment), including early college high schools, are freshman applicants for admission purposes.

Transfer applicants who have attempted <30 hours must provide an official high school transcript, GED or Adult High School diploma and official ACT or SAT score.

Foreign language proficiency is a General Education Requirement at NC State. Students may satisfy that requirement through completion of two years of a foreign language in high school (both years in the same language with a grade of "C" or better for each year before high school graduation). Students who have not fulfilled the proficiency requirement while in high school must complete foreign language proficiency through the FL 102 level before graduation.

Course Options for Prospective Transfer Student

Determine which highlighted course options can transfer to NC State from your institution by using the [NC State Undergraduate Admissions transfer course equivalencies database](#). You should also use this resource as you make plans to complete any transfer admissions requirements.

- ***NC Community College course equivalent noted in bold and italic.***
- NC State General Education Program (GEP) Course Lists:
<http://oucc.dasa.ncsu.edu/general-education-program-gep/gep-course-lists-2/>

Textile Engineering: Product Engineering

FRESHMAN YEAR			
Fall Semester	Credit	Spring Semester	Credit
CH 101/102 Chemistry & Lab CHM 131/131A, CHM 135, or CHM 151	4	TE 105 TE: Materials & Systems	2
E 101 Intro to ENGR & Prob Solv	1	TE 110 Comp Model Engr	3
E 115 Intro to Computing Environment	1	MA 241 Calculus II MAT 272	4
ENG 101 Academic Writing and Research ENG 111 & ENG 112, 113, or 114	4	PY 205 Physics for Engr & Sci I PHY 251	4
MA 141 Calculus I MAT 271	4	GEP Humanities: Recommend Global Knowledge Co-Requisite HIS 111, HIS 121, HIS 165, HIS 211, HIS 212, HIS 213, HIS 214, REL 110, REL 211, or REL 212	3
T 101 Introduction to the College of Textiles	1	HESF 1** Health and Exercise Studies PED 1**	1
	15		17
SOPHOMORE YEAR			
Fall Semester	Credit	Spring Semester	Credit
MA 242 Calculus III MAT 273	4	MA 341 Appl Differential Eq MAT 285	3
MAE 206 Engr Statics OR CE 214 Engr Statics	3	MSE 201 Struct & Prop of Engr Mat'ls	3
PY 208 Physics for Engr & Sci II PHY 252	4	TE 201 Textile Engr Sci	4
TE 200 Polymer Sci & Engr	3	TE 205 Analog & Digital Circuits	4
GC 120 Found of Graphics DFT 170	3	EC 205 or EC 201 or ARE 201 ECO 251	3
	17		17
JUNIOR YEAR			
Fall Semester	Credit	Spring Semester	Credit
TE 301 Engr Textile Structures I	3	TE 302 Textile Mfg Proc II	4
TE 303 Thermodynamics for TE	3	TE 404 Six Sigma Quality	3
MAE 314 Solid Mechanics or CE 313 Mech of Solids	3	TE 424 Tex Engr Qual Impr Lab	1
GEP Social Sciences: Recommend US Diversity Co-Requisite SOC 213 or SOC 220	3	PCC 301 Tech of Dyeing & Finish	4
ST 370 Prob & Stat for Engr	3	GEP Additional Breadth: Humanities, Social Sciences, or Visual Performing Arts	3
		HE Health and Exercise Studies Elective PED Non-Coaching Course	1
	15		16
SENIOR YEAR			
Fall Semester	Credit	Spring Semester	Credit
TE 401 Textile Engr Des I	4	TE 402 Textile Engr Des II	4
TE 463 Polymer Engineering	3	Engineering Elective	3
Engineering Elective	3	Engineering Elective	3
GEP Humanities	3	GEP Requirement Interdisciplinary Perspectives	3
GEP Interdisciplinary Perspectives	3		
	16		13

*Students attending a North Carolina Community College can take a maximum of 57 transfer course credits towards TE-Product Engineering major requirements.