

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: Chemical Processing

FRESHMAN YEAR			
Fall Semester	Credit	Spring Semester	Credit
CH 101/102 Chemistry & Lab CHM 131/131A, CHM 135, or CHM 151	4	CH 201 & CH 202 Chemistry-Quantitative Sci & Lab CHM 136 or CHM 152	4
E 101 Intro to ENGR & Prob Solv	1	MA 241 Calculus II MAT 272	4
E 115 Intro to Computing Environment	1	PY 205 Physics for Engr & Sci I PHY 251	4
ENG 101 Academic Writing and Research ENG 111 & ENG 112, 113, or 114	4	TE 110 Comp Model Engr	3
MA 141 Calculus I MAT 271	4		
T 101 Introduction to the College of Textiles	1		
	15		15
SOPHOMORE YEAR			
Fall Semester	Credit	Spring Semester	Credit
CHE 205 Chemical Proc Prin	4	TE 201 Textile Engr Sci	4
PY 208 Physics for Engr & Sci II PHY 252	4	TE 205 Analog & Digital Circuits	4
MA 242 Calculus III MAT 273	4	MAE 206 Engr Statics OR CE 214 Engr Statics	3
TE 200 Polymer Sci & Engr	3	CHE 225 Chemical Proc Systems	3
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	MA 341 Appl Differential Eq MAT 285	3
	18		17
JUNIOR YEAR			
Fall Semester	Credit	Spring Semester	Credit
ST 370 Prob & Stat for Engr	3	TE 302 Textile Mfg Proc II	4
CHE 311 Transport Processes I	3	TE 404 Six Sigma Quality	3
TE 301 Engr Textile Structures I	3	TE 424 Tex Engr Qual Impr Lab	1
TE 303 Thermodynamics for TE	3	PCC 301 Tech of Dyeing & Finish	4
TE 435 Process Sys Analysis and Control	3	GC 120 Found of Graphics DFT 170	3
		GEP Social Sciences: Recommend US Diversity Co-Requisite SOC 213 or SOC 220	3
	15		18
SENIOR YEAR			
Fall Semester	Credit	Spring Semester	Credit
Engineering Elective	3	TE 402 Textile Engr Des II	4
TE 401 Textile Engr Des I	4	EC 205 or EC 201 or ARE 201	3
GEP Humanities	3	GEP Additional Breadth: Humanities, Social Sciences, or Visual Performing Arts	3
GEP Interdisciplinary Perspectives	3	GEP Interdisciplinary Perspectives	3
HESF 1** Health and Exercise Studies PED 1**	1	HE Health and Exercise Studies Elective PED Non-Coaching Course	1
	14		14

*Students attending a North Carolina Community College can take a maximum of 61 transfer course credits towards TE-Chemical Processing major requirements.