

GEP FORMAT B – CURRICULUM REQUIREMENTS

<u>Degree Title:</u> Bachelor of Science in Textile Engineering, Product Engineering
<u>Current Degree Key:</u> 18TE068P
<u>Effective Date of Revision:</u> 7/2009

MAJOR FIELD OF STUDY REQUIREMENTS:	Credit Hours	GEP category, if applicable
<i>Required Courses/Groups/ Electives:</i>	<i>Credit Hours</i>	<i>GEP category, if applicable</i>
<u>Math</u> MA 141, MA 241, MA 242, MA 341	15	Mathematics (6 hours)
<u>Sciences</u> CH 101, CH 102 PY 205, PY 208	4 8	Natural Sciences (4 hours) Natural Sciences (4 hours)
<u>TE Major</u> T 101 TE 105 TE 110 TE 200 TE 201 TE 205 TE 301 TE 302 TE 303 TE 401 TE 402 TE 404 TE 424 TE 463	2 2 3 3 4 4 3 4 3 4 4 3 1 3	
<u>Other Major</u> GRP 030 (MAE 206 or CE 214) GRP 031 (MAE 314 or CE 313) MSE 201 ST 370 PCC 301 GC120 GRP 040 (MAE 208, MSE 350, MSE 450, PCC 471, TE/CHE 435, TE440, TE 466, TE 467, TE 565, or TE 566)	3 3 3 3 4 3 9	
<u>Concentration Courses/Groups/Electives:</u>		
<u>Free Electives:</u>		
Total credit hours under Major Field of Study: <i>Minimum 27 hours required in program area.</i>	98 hours	
COLLEGE REQUIREMENTS:	3	
<u>Orientation Course(s):</u> E 101 and E 115	3 23	E 115 satisfies Technology Fluency Requirement

Other: (ex: Adv Communication courses) Economics Elective (EC 205, 201; ARE 201)	4 39	Social Science
Total credit hours under College Requirements:	5 hours	

<u>NCSU GENERAL EDUCATION PROGRAM REQUIREMENTS</u>		At least one of the following must be listed:
<i>Courses in the Major and/or Minor may also fulfill a General Education requirement; however, a GEP category may not be subset to require a specific course from the category list. Required courses must be listed in the Major/College requirements.</i>		¹ Choose course(s) from the University Approved GEP course list for this category.
Specific courses should not be listed in any of the fields below other than ENG 101.		² Minimum requirements are satisfied by Major/College course requirements.
		³ Major/College course requirement satisfies X credit hrs of this requirement. Remaining hours required must be chosen from the University Approved GEP course list for the category.
		⁴ Co-requisite is satisfied by a Major/College course requirement.
		⁵ Choose course(s) from the University Approved GEP course lists for the Humanities, Social Sciences, or Visual & Performing Arts.
		⁶ Choose course(s) from the University Approved GEP course lists for the Natural and Mathematical Sciences.
General Education Program Requirements: <i>Minimum 39-40 hrs</i>	Credit hours	How will the GEP requirement be met? (choose applicable statement from 1-6 listed above)
Mathematical Sciences (minimum of 6 credits) (at least one with MA or ST prefix) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy both the Global Knowledge and Diversity co-requisites.</i>	X	<i>Minimum requirements are satisfied by Major course requirements</i>
Natural Sciences (minimum of 7 credits) (at least 1 laboratory) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy both the Global Knowledge and Diversity co-requisites.</i>	X	<i>Minimum requirements are satisfied by Major course requirements</i>
English 101	4	ENG 101
Humanities (minimum of 6 credits) (from two different disciplines) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy both the Global Knowledge and Diversity co-requisites.</i>	6	<i>Required departmental course satisfies 3 credit hrs of this requirement. Remaining hours required must be chosen from the University Approved GEP course list for the category.</i>
Social Sciences (minimum of 6 credits) (from two different disciplines) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy both the Global Knowledge and Diversity co-requisites.</i>	3	<i>Required College course satisfies 3 credit hrs of this requirement. Remaining hours required must be chosen from the University Approved GEP course list for the category.</i>
Additional Breadth (minimum of 3 credits) (Choose AB course list that is different from the approach of the Major) <i>Major/College requirements cannot satisfy this requirement and an AB course cannot be double-counted except in satisfying the Global Knowledge and Diversity co-requisites.</i>	3	<i>Choose course(s) from the University Approved GEP course list for this category</i>
Interdisciplinary Perspective (minimum of 5-6 credits) <i>Only course(s) in the Major may double-count to satisfy this requirement.</i>	5-6	<i>Choose course(s) from the University Approved GEP course list for this category</i>
Physical Education/Healthy Living (including one Fitness and Wellness course)	2	<i>Choose course(s) from the University Approved GEP course list for this category</i>
Total credit hours needed to complete GEP that are not satisfied as part of the Major/College requirements.	23-24 hours	
GEP Co-Requisites:		<i>Courses taken in the Major, GEP, or Minor may double-count to fulfill the co-requisites. Courses that satisfy the U.S. Diversity* or Global Knowledge** co-requisite are marked on course lists with asterisks as indicated.</i>
U.S. Diversity co-requisite*	n/a	<i>Choose course(s) from the University Approved GEP course list for this category</i>
Global Knowledge co-requisite**	n/a	<i>Choose course(s) from the University Approved GEP course list for this category</i>
Foreign Language Proficiency	n/a	FL_102
The following requirements must be satisfied within the College/Program:		
Advanced Communication	X	Satisfied by College/Program Requirements

Technology Fluency	X	Satisfied by College/Program Requirements
Total credit hours required to complete Degree: Total must be within 120-128 credit hours.	126-127 Total hours	As applicable, indicate here the overall GPA requirement for degree completion including course completion.