

North Carolina State University

Textile Engineering Curriculum - Product (Effective 07-01-1997)

1 + 3 Program with UNCA

FALL SEMESTER

SPRING SEMESTER

Freshman Year (UNC Asheville)

MATH	191	Calculus I	4	MATH	192	Calculus II	4
DFT	170*	Engr Graphics (HumSS)	3	ECON	102	Prin of Microeconomics (GEP)	3
E	101	Intro to Engr & Prob Solv	1	LANG	120	Academic Writing & Crit Inquiry	4
CHEM	111	General Chemistry Lab	1	PHYS	221	Physics I	<u>4</u>
CHEM	132	General Chemistry	3				15
	XXX	GEP Course	<u>3</u>				
			15				

Sophomore Year (NC State)

MA	242	Calculus III	4	MSE	201	Struc and Prop of Engr Mat'ls	3
PY	208	Physics for Engrs & Sci II	3	TE	105	TE: Materials & Systems	2
PY	209	Physics for Engrs & Sci II Lab	1	TE	205	Analog & Digital Circuits	4
MAE	206a	Engineering Statics	3	TE	110	Comp Model Engr	3
TE	200	Intro to Polymer Sci & Engr	3	MA	341	Appl Differential Equations I	3
T	101	Intro to Coll of Textiles	2	TE	201	Textile Engr Science	<u>4</u>
E	115	Intro to Computing Environ	<u>1</u>				19
			17				

Junior Year (NC State)

HES	XXX	Health Exercise Studies	1	XXX	GEP Course		3
TE	301	Engr Textile Structures I	3	PCC	301	Tech of Dying & Finishing	4
TE	303	Thermo for TE	3	TE	302	Textile Mfg Processes & Sys II	4
	XXX	Engineering Elective	3	XXX	GEP Course		3
MAE	214b	Solid Mechanics	<u>3</u>	ST	370	Prob & Stat for Engineers	<u>3</u>
			13				17

Senior Year (NC State)

TE	401	Textile Engr Design I	4	TE	402	Textile Engr Design II	4
TE	463	Polymer Engr	3	TE	404	Tex Engr Quality Improvement	3
	XXX	Engineering Elective	3	TE	424	Tex Engr Qual Impr Lab	1
	XXX	GEP Course	3	XXX	Engineering Elective		3
	XXX	GEP Course	<u>3</u>	XXX	GEP Course		3
			16	HESF	XXX	Health Exercise Studies	<u>1</u>
							15

Total hours shown: 127

Italics indicates the course is received from NCSU by distance education technology (none).

* Available at AB Tech
 a or CE 214(3) b or CE 313(3)