

3+X Curriculum for TECS Department

Textile Engineering, Chemistry & Science Masters of Science (Option B) Programs

PROGRAM SPECIFIC PRE-REQUISITES:

Textile Chemistry Master of Science (Option B):

Undergraduate degree in a physical science or engineering (including physical chemistry and differential equations)

Textile Engineering Master of Science (Option B):

Undergraduate degree in a physical science or engineering (including differential equations)

SEMESTER-BY-SEMESTER DEGREE REQUIREMENTS

Textile Chemistry Master of Science (Option B):

Required courses: 6 courses chosen from the TC Masters course offerings

Elective courses: Students must complete 3 additional elective courses from outside the TC program.

Additional requirements: Students must complete 6 semester hours of research based Independent Study and present results to faculty. Students must complete 2 hours of Departmental Seminar.

Fall I

GTI 401	3 hrs
Two TC courses	6 hrs
Minor course	<u>3 hrs</u>
	12 hrs

Spring I

Two TC courses	6 hrs
Minor course	3 hrs
Seminar	<u>1 hr</u>
	10 hrs

Summer I

TC 630 (independent study)	3 hrs
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Summer II

TC 630 (independent study)	3 hrs
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Fall II

Two TC courses	6 hrs
Minor course	3 hrs
Seminar	<u>1 hr</u>
	10hrs

Total hours	38 hours
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Textile Engineering Master of Science (Option B):

Required courses: 5 courses chosen from the TE Masters course offerings

Elective courses: Students must complete 3 additional elective courses from outside the TE program.

Additional requirements: Students must complete 6 semester hours of research based Independent Study and present results to faculty. Students must complete 2 hours of Departmental Seminar.

Fall I

GTI 401	3 hrs
Two TE courses	6 hrs
Minor course	<u>3 hrs</u>
	12 hrs

Spring I

Two TE courses	6 hrs
Minor course	3 hrs
Seminar	<u>1 hr</u>
	10 hrs

Summer I

TC 630 (independent study)	3 hrs
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Summer II

TC 630 (independent study)	3 hrs
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Fall II

TE course	3hrs
Two Minor courses	6 hrs
Seminar	<u>1 hr</u>
	10hrs

Total hours	38 hours
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