

**Textile Science**  
**BS Degree General Option**

This program of study offers a unique blend of courses in the textile sciences, manufacturing, and management. The program also enhances the student's knowledge of environmental issues and the linking of science and management principles to address the technological objectives of industry. This innovative program is the result of extensive consultation with industry representatives and is designed to prepare students for a broad selection of careers.

**Business Administration Minor**

The courses in Business Information Systems, Accounting, Management, and Marketing, and Economics comprise a special version of the Business Administration Minor offered by the College of Business. Students' transcripts will display the Textile Science major and a Business Administration minor. *This minor is required for completion of the Textile Science major.*

**Requirements:**

**Semester Credits**  
 First Second

**First Year**

TES 105	Contemporary Issues in Materials Science	3	
TES 110	Environmental Science and Business		3
ENL 101, 102	Critical Writing and Reading I, II	3	3
GBA 101	The Business Organization I, II	1.5	1.5
MTH 101, 102	Elements of College Math I, II	3	3
	General Education Electives	3	6
		<b>13.5</b>	<b>16.5</b>

**Second Year**

TES 201	Properties of Materials		3
TES 252	Materials Seminar	1	
ACT 211,212	Accounting I, II	3	3
ECO 231,232	Principles Micro/Macroeconomics	3	3
ENL 265	Business Communications		3
MGT 210	Business Statistics I	3	
MKT 211	Principles of Marketing	3	
	General Education Electives	3	3
		<b>16</b>	<b>15</b>

**Third Year**

TES 300	Textile Structure and Properties	4	
TES 301	Materials Processing I	4	
TES 303	Dyeing, Printing, and Finishing I	3	
TES 305	Materials Testing		4
TES 310	Statistical Quality Control	3	
TES 311	Process Optimization		3
TEC 333	Color Science		3
BIS 315	Information Systems	3	
FIN 312	Financial Management		3
MGT 311	Organizational Behavior		3
		<b>17</b>	<b>16</b>

**Fourth Year**

TES 401	Materials Processing II	4	
TES 402	Advanced Materials and Composites		3
TES 410	Fiber and Textile Processing		4
TES 421	Biological and Biomedical Materials	3	
TES 463	Senior Project	3	
MGT 333	Quantitative Business Analysis	3	
MGT 345	Operations Management		3
	Free Elective	3	3
		<b>16</b>	<b>13</b>

**Total Credits: 123**

Note: In the junior and senior years specific materials science courses are offered every other year. Upperclass students must take these courses when offered as soon as possible, otherwise they will not graduate on time.

**General Education Departmental Requirements**

Students majoring in the General Option will meet their departmentally controlled General Education requirements as follows:

- Area E Satisfied by ECO 231
- Area I, Tier 2: Satisfied by TES 311
- Area W, Tier 2: satisfied by ENL 265
- Area O: Satisfied by TES 252