

Format II
B. S. in Textile Chemistry – ACS Certification Concentration

Freshman Year

<i>Fall Semester</i>	<i>Credits</i>	<i>Spring Semester</i>	<i>Credits</i>
PCC105 Intro PCC I	3	PCC106 Intro PCC II	4
MA141 Calculus	4	MA241 Calculus	4
PE100	1	Humanities/SS	3
ENG101 Acad Rsrch Writing	4	CH201 General Chem II	3
CH101 General Chem I	3	CH202 Gen Chem II lab	1
CH102 General Chem I lab	1		
	16		15

Sophomore Year

<i>Fall Semester</i>	<i>Credits</i>	<i>Spring Semester</i>	<i>Credits</i>
CH221 Organic Chem I	4	CH223 Organic Chem II	4
MA242 Calculus	4	MA341 Diff Equations	3
PY205 Physics	4	PY208 Physics	4
PCC301 Textile Wet Proc	4	Advised elective	3
		PE elective	1
	16		15

Junior Year

<i>Fall Semester</i>	<i>Credits</i>	<i>Spring Semester</i>	<i>Credits</i>
PCC461	4	PCC305 Color Science	3
ENG331 or ENG 333	3	Advised elective	3
Humanities/SS elective	3	Technology and society	3
CH431 Phys Chemistry	3	CH433 Phys Chemistry	3
PCC elective	3	PCC442 Phys Chemistry	3
	16		15

Senior Year

<i>Fall Semester</i>	<i>Credits</i>	<i>Spring Semester</i>	<i>Credits</i>
PCC elective	3	PCC elective	3
PCC elective	3	PCC Elective	3
CH401 Inorganic Chemistry	3	Advanced Chem Elective	3
Humanities/SS elective	3	Humanities/SS elective	3
Humanities/SS elective	3	PCC412 Anly Chem	3
Humanities/SS elective	3		
	18		15
Minimum Hours Required for Graduation		126	

PCC Electives (must take 5 courses, i.e. 15 hours)

PCC310, 320, 401, 402, 403, 407, 462, 466, 471, 490, 492

Advised Electives (must take 2 courses, i.e. 6 hours)

MB351, PY407, ST361, TE201, TMS210, TMS211, TT221, TT251, ZO160, TE466, TE467, TMS589 or CHxxx (any advanced chemistry course, with physical chemistry prerequisite)

Electives and required courses can be used to develop a focus in the student's area of interest, for example:

<i>Color Chemistry:</i>	CH221, CH223, PCC301, PCC320, advanced chemistry elective
<i>Color Science:</i>	PY205, PY208, PCC301, PCC492, PCC305, PCC442
<i>Consumer Care:</i>	CH221, CH223, PCC301, PCC492, PCC412
<i>Dyeing and Finishing:</i>	PCC301, PCC310, PCC320, PCC407
<i>Environmental:</i>	PCC301, CH221, CH223, PCC401, PCC492
<i>Fiber and Textile Science:</i>	PCC105, TE201, PCC106, CH221, CH223, PCC402, TMS589
<i>Medical Textiles:</i>	MB351, ZO160, CH221, CH223, TE466, TE 467
<i>Polymer Chemistry:</i>	PCC105, PCC106, CH221, CH223, PC402, PCC466, TMS589