

BACHELOR OF SCIENCE: TEXTILE PRODUCT SCIENCE

2022-2023

Name	Campus	Cr Sem.	Grade	TR Equiv.
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LEVEL I (FIRST YEAR) – 32-36 credits (Prerequisite)

Hallmark Courses – 16-20 credits

FYS-100	Pathways Seminar: Preparing for Academic & Professional Success (Not required for transfer students)	1	<input type="checkbox"/>	
WRIT-101/G/S	Writing Seminar I: Written Communication WRIT-100 may only be used to satisfy free elective credits	3-4	<input type="checkbox"/>	
AMST-114	Topics in American Studies	3	<input type="checkbox"/>	
CHEM101 or 103	Science: General Chemistry.... or Chemistry I & lab	3-4	<input type="checkbox"/>	
PHYS-101	General Physics.... or PHYS-201 Physics I & lab.... or CHEM-104 Chemistry II & lab (SPRING)	3-4	<input type="checkbox"/>	
MATH-1()	Quantitative Reasoning (select one option below)	3-4	<input type="checkbox"/>	
MATH-103 Applied Calculus (3 cr.)				MATH-111 Calculus I (4 cr)
MATH-102 (3 cr) or 110 Precalculus (4 cr)				

DEC Core - 3 credits

DECF-102	Finding and Shaping Opportunity (Spring)	3	<input type="checkbox"/>	
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Textile Product Science Core – 13 credits

TEXT-104	Foundation Fiber & Yarn Studies (Fall)	3	<input type="checkbox"/>	
KNIT-201.....	Knit Technology I (Spring)OR.....WEAV-201 Weave Technology I (Spring)	3	<input type="checkbox"/>	(TEXT-101 or TEXT-104) (TEXT-101 or TEXT-104)
CAD-201.....	Introduction to Digital Imaging (Spring)OR.....ENGR-102 Engineering Drawing (Spring)	3	<input type="checkbox"/>	(MATH-102 or MATH-111)
ENGR-104	Introduction to Computing (Fall)	3	<input type="checkbox"/>	

LEVEL II (SECOND YEAR) – 30-31 credits (Prerequisite)

Hallmark Courses – 9-10 credits

ETHC-2()	Ethics (WRIT-101, AMST-114)	3	<input type="checkbox"/>	
GDIV-2()	Global Diversity (WRIT-101, AMST-114)	3	<input type="checkbox"/>	
WRIT-201/202	Writing Seminar II: Multi-media Comm. WRIT 202 is for transfer students (4 cr)	3-4	<input type="checkbox"/>	(WRIT-101)

DEC Core - 3 credits

DECS-20()	Systems: (Select one DECS)	3	<input type="checkbox"/>	
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Textile Product Science Core – 18 credits

WEAV-201.....	Weave Technology I (Fall or Spring)OR.....KNIT-201 Knit Technology I (Fall or Spring)	3	<input type="checkbox"/>	(TEXT-101 or TEXT-104) (TEXT-101 or TEXT-104)
KNIT-205.....	Knit Technology II (Fall or Spring)OR.....WEAV-301 Weave Technology II (Fall or Spring)	4	<input type="checkbox"/>	(KNIT-201) (WEAV-201)
TEXT-307	Textile Materials	4	<input type="checkbox"/>	(TEXT-101 or TEXT-104)

Concentration – 6 credits

()		3	<input type="checkbox"/>	
()		3	<input type="checkbox"/>	

LEVEL III (THIRD YEAR) - 33 credits (Prerequisite)

Hallmark Courses – 9 credits

ADIV-2()	American Diversity (WRIT-101, AMST-114)	3	<input type="checkbox"/>	
GCIT-2()	Global Citizenship (WRIT-101, AMST-114)	3	<input type="checkbox"/>	
CGIS-300	Contemporary Global Issues Includes World Languages at any level (WRIT-20X; GDIV-2XX or GCIT-2XX)	3	<input type="checkbox"/>	

DEC Core - 3 credits

DECM-300	Methods: Ethnographic Research Methods (WRIT-20X; GDIV-2XX or GCIT-2XX)	3	<input type="checkbox"/>	
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Textile Product Science Core – 21 credits

WEAV-301.....	Weave Technology II (Fall or Spring)OR.....KNIT-205 Knit Technology II (Fall or Spring)	4	<input type="checkbox"/>	(WEAV-201) (KNIT-201)
TEXT-321	Nonwovens	3	<input type="checkbox"/>	
TEXC-202	Color, Dyeing & Finishing (lecture) (CHEM-101 or CHEM-103)	3	<input type="checkbox"/>	
TEXC-202L	Color, Dyeing & Finishing (lab) (pre- or co-requisite TEXC-202)	1	<input type="checkbox"/>	
(Designated Elective)	MATH-112, PRNT-305, TXD-776, MSS1-607, TEXT-305 FASM-101, TEXT-313, TEXT-315, TEXT-316 KNIT-307, SDE371, DSGN371, DECG480 Note: Pre-requisite as appropriate	3	<input type="checkbox"/>	
TEXT-411	Seminar: Textile/Apparel Industry Issues	1	<input type="checkbox"/>	

Concentration – 6 credits

()		3	<input type="checkbox"/>	
()		3	<input type="checkbox"/>	

LEVEL IV (FOURTH YEAR) - 30 credits (Prerequisite)

Hallmark Course – 3 credits

PHIL-499	Philosophies of the Good Life	3	<input type="checkbox"/>	
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(ETHC-2XX, ADIV-2XX, GCIT-2XX, GDIV-2XX, CGIS-300, DECM-300, DECS20X, MATH1XX)

Textile Product Science Core – 24 credits

** TEXT-487N	Capstone in TMT (Concentration Specific)	(WRIT-20XI, min. 18 cr of Conc)	6	<input type="checkbox"/>
Concentration – 9 credits				
()			3	<input type="checkbox"/>
()			3	<input type="checkbox"/>
()			3	<input type="checkbox"/>
General Elective Courses – 12 credits				
()			3	<input type="checkbox"/>
()			3	<input type="checkbox"/>
()			3	<input type="checkbox"/>
()			3	<input type="checkbox"/>
			Total Credits:	123-128

** Satisfies DEC capstone requirement

Fundamentals Courses: (Fundamental "099" courses do not count toward graduation requirements. However, WRIT-100 and ITXA-100 can be used toward graduation credits...as general electives.)

MATH- Fundamentals of College Mathematics	(must earn C or better)	3	<input type="checkbox"/>	
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Surplus credits not used toward degree requirements

Please note Thomas Jefferson University residency requirement:
 The University has a residency requirement of 60 credits for Day Division students. Students must take a minimum of 60 credits – 12 credits must be within the major core; 9 credits must be in Hallmark courses in order to be eligible for a B.S. degree.

This form should be used as a worksheet in conjunction with the catalog and the Hallmark "menu" of options. Please refer to the University catalog for questions regarding curriculum and academic policies.

COURSE STATUS: = course to take next semester = course currently being taken = course completed

Concentrations - (7 courses or 6 Courses + 1 additional Designated Elective from list) Note concentration courses may have prerequisites

Sports & High Performance Materials (Pre- M.S. Textile Engineering option)	Fashion Management (Pre- M.S. Global Fashion Enterprise option)
WEAV-226 Jacquard (4 cr) KNIT-307 Adv Warp Knit (4 cr) KNIT-326 Adv Weft Knit PHYC-201/201L Physics I (4 cr) (if not used in Hallmarks) PHYC-203/203L Physics II (4 cr) ENGR-316 or ENGR-317 ENGR-102 Engineering Drawing (if not used in major Core) PRNT-305, MSSI-607 or TXD-776-Print Technology ENGR-210 Intro to Materials Science TEXT-305 Adv Fabric Performance Evaluation INDD-210 Ergonomic Studies STAT-301 Biostatistics (C or better in MATH-111 or -112)OR.....ABA201 & ABA202 FASM-201 Prototyping (formerly Garment Development) Internship/Research (discipline appropriate) Internship/Research (discipline appropriate) () Adv. Elective (discipline appropriate) (Maximum of three graduate courses; may not duplicate UG equivalent)	FASM-101 Global Fashion Insight FASM-201 Prototyping FASM-308 Global Product Management FASM-360 The Business of Licensing FASM-408 Textile/Apparel Sourcing FASM-437 Integrated Technology (Approval FMM Program Director) FASM-457 Operations and Supply Chain (Check Pre-reqs) ABA201 Statistics I GFE-611 Product Development + Entrepreneurship GFE-612 Technology in Fashion GFE-621 Global Sourcing and Marketing GFE-734 Supply Chain GFE-729 Product Lifestyle Management Internship/Research (discipline appropriate) Internship/Research (discipline appropriate) () Adv. Elective (discipline appropriate) (3-4 cr)
TEXT-622 Mechanics of Textiles TEXT-625 Biomaterials Technology TEXT-754 Industrial/Specialty Fabrics Product Development	Textile Fashion Sustainability (Pre- M.S. Sustainable Design option)
Commerce (Pre iMBA Option)	SUST-100 Intro to Sustainability SUST-102 Water Resources and the Environment SUST-200 Energy Systems & Politics SUST-202 Economics of Sustainability SUST-206 Environmental Policy SUST-302 Life Cycle thinking and Analysis SUST-305 Sustainability Metrics and Reporting SUST-402 Managing Sustainable Organizations ISEM-340 Sustainability and Development BIOL-208 Biodiversity CHEM-417 Environmental Chemistry (4 cr) Internship/Research (discipline appropriate) Internship/Research (discipline appropriate) () Adv. Elective (discipline appropriate)
*MGMT-301 Principles of Management MKTG-102 Principles of Marketing MGMT-307 International Management MKTG-315 Marketing in Digital Environment. (Check Pre-reqs) MKTG-324 International Marketing *BLAW-301 Business Law I *MGMT-401 Operations Management * iMBF-508 Statistical Analysis for Decision MakingOR.....ABA201 & ABA202 * iMBF-503 (will substitute for major core economic requirements) Foundation of Economics ECON-401 International Economics * iMBF-504 Financial & Managerial AccountingOR.....ACCT-101 & ACCT-102 FIN-301 Financial Management FIN-318 International Finance & Development Internship/Research (discipline appropriate) () Adv. Elective (discipline appropriate) * iMBA-627 Competitive Technical Intelligence * iMBA-628 Accounting for Management Decisions * (Comprises a Pre-iMBA Concentration; min. GPA & acceptance into the iMBA program)	SDN-601 Prin. + Mthd. Sustainable Design

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