### THOMAS JEFFERSON UNIVERSITY

CGIS-300

# BACHELOR OF SCIENCE: TEXTILE PRODUCT SCIENCE

Contemporary Global Issues

### Campus Key Name LEVEL I (FIRST YEAR) - 31-35 credits (Prerequisite) Cr Sem. Grade TR Equiv. Hallmark Courses – 16-20 credits FYS-100 Pathways Seminar: Preparing for Academic & Professional Success 1 🗆 (Not required for transfer students) WRIT-101/G/S 3-4 🗆 Writing Seminar I: Written Communication (WRIT-100 may only be used to satisfy free elective credits) AVIS-101 3 🗆 American Visions 3-4 🗆 Science: General Chemistry or Chemistry I & Lab CHEM101 or 103/L 3-4 🗆 PHYC-101 General Physics or PHYC-201/L Physics I & Lab or CHEM-104/L Chemistry II & Lab (SPRING) 3-4 🗆 MATH-1( Quantitative Reasoning (select one option below) ) 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 🗆 Textile Product Science Core - 12 credits 3 🗆 TEXT-104 Foundation Fiber & Yarn Studies (Fall) 3 🗆 (TEXT-101 or TEXT-104) KNIT-201..... Knit Technology I (Spring) (TEXT-101 or TEXT-104) ....OR.....WEAV-201 Weave Technology I (Spring) CAD-201..... Introduction to Digital Imaging (Spring) 3 🗆 ....OR.....ENGR-102 Engineering Drawing (Spring) (MATH-102 or MATH-111) **ENGR-104** Introduction to Computing (Fall)) 3 🗆 LEVEL II (SECOND YEAR) - 29 credits Cr Sem. Grade TR Equiv. (Prerequisite) Hallmark Courses - 9 credits (WRIT-101, AVIS-101) ETHC-2() Ethics 3 🗆 **Global Diversity** (WRIT-101, AVIS-101) GDIV-2() 3 🗆 Includes World Languages at any level **WRIT-201** Writing Seminar II: Multi-media Comm. (WRIT-101) 3 🗆 **DEC Core - 3 credits** DECS-20() Systems: (Select one DECS) 3 🗆 Textile Product Science Core - 11 credits (TEXT-101 or TEXT-104) 3 🗆 WEAV-201..... Weave Technology I (Fall or Spring) .....OR.....KNIT-201 Knit Technology I (Fall or Spring) (TEXT-101 or TEXT-104) KNIT-205..... Knit Technology II (Spring) (KNIT-201) 4 🗆 .....OR ..... WEAV-301 Weave Technology II (Fall) (WEAV-201) **Textile Materials** (TEXT-101 or TEXT-104) **TEXT-307** 4 🗆 **Concentration – 6 credits** 3 🗆 ( ) 3 🗆 ( LEVEL III (THIRD YEAR) - 33 credits Cr Sem. Grade TR Equiv. (Prerequisite) Hallmark Courses - 9 credits (WRIT-101, AVIS-101) 3 🗆 ADIV-2() American Diversity 3 🗖 (WRIT-101, AVIS-101) GCIT-2() **Global Citizenship** Includes World Languages at any level

(WRIT-201; GDIV-2XX or GCIT-2XX)

3 🗆

2023-2024

DEC Core - 3 credits			
DECM-300	Methods: Ethnographic Research Methods	(WRIT-201; GDIV-2XX or GCIT-2XX)	3_□
Textile Product Science (	Core – 15 credits		
WEAV-301	Weave Technology II (Fall)	(WEAV-201)	4_□
ORKNIT-2	205 Knit Technology II (Spring)	(KNIT-201)	
<b>TEXT-321</b>	Nonwovens		3 🗆
TEXC-202	Color, Dyeing & Finishing (lecture)	(CHEM-101 or CHEM-103)	3 🗆
TEXC-202L	Color, Dyeing & Finishing (lab)	(pre- or co-requisite TEXC-202)	1
(Designated Elec	tive) MATH-112, PRNT-305, TXD-776, MSSI-607, TEXT-	305 Note: Pre-requisite as appropriate)	3 🗖
	FASM-101, TEXT-313, TEXT-315, TEXT-316		
	KNIT-307, SDE371, DSGN371, DECG480		
TEXT-411	Seminar: Textile/Apparel Industry Issues		1 🔲
Concentration – 6 credits	3		
(	)		3 🗆
(	)		3 🗖
LEVEL IV (FOURTH YE	EAR) - 30 credits	(Prerequisite)	Cr Sem. Grade TR Equiv.
Hallmark Course - 3 c	redits		
PHIL-499	Philosophies of the Good Life		3 🗖
	(ETHC-2XX, ADIV-2XX, GCIT-2XX, GDIV-2XX, CGIS-300, DECM-300	), DECS20X, MATH1XX)	
Textile Product Science	<u>ce Core</u> – 6 credits		
** TEXT-487N	Capstone in TMT (Concentration Specific)	(WRIT-201, min. 18 cr of Conc)	6_□
Concentration - 9 cred	dits		
( )			3 🗖
( )			3 🗆
( )			3 🗆
General Elective Cours	<u>ses</u> – 12 credits		
( )			3 🗆
( )			3 🗆
( )			3 🗆
( )			3 🗆
		Total Credits:	123-127
** Satisfies DEC capstone	- requirement	Total Credits.	123-127
	: (Fundamental "099" courses do <u>not</u> count toward gradual	tion requirements. However, WRIT-100 and	ITXA-100 can be used toward
graduation creditsas get			That too dan be used toward
MATH-099	Fundamentals of College Mathematics	(must earn C or better)	3 🗆
			-
Surplus credits not used t	oward 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.

## Concentrations - (7 courses or 6 Courses + 1 additional Designated Elective from list)

Note: concentration courses may have prerequisites			
Sports & High Performance Materials	Fashion Management		
(Pre- M.S. Textile Engineering option)	(Pre- M.S. Global Fashion Enterprise option)		
WEAV-226 Jacquard	FASM-101 Global Fashion Insight		
KNIT-307 Adv Warp Knit (4 cr)	FASM-201 Prototyping		
KNIT-326 Adv Weft Knit	FASM-308 Global Product Management		
PHYC-201/201L Physics I (4 cr) (if not used in Hallmarks)	FASM-360 The Business of Licensing		
PHYC-203/203L Physics II (4 cr)	FASM-408 Textile/Apparel Sourcing		
ENGR-316 or ENGR-317	FASM-437 Integrated Technology (Approval FMM Program Director		
ENGR-102 Engineering Drawing (if not used in major Core)	FASM-457 Operations and Supply Chain (Check Pre-reqs)		
PRNT-305, MSSI-607 or TXD-776-Print Technology	ABA201 Statistics I		
ENGR-210 Intro to Materials Science (Math110/111; CHEM103/L)	GFE-611 Product Development + Entrepreneurship		
TEXT-305 Adv Fabric Performance Evaluation	GFE-612 Technology in Fashion		
INDD-210 Ergonomic Studies	GFE-621 Global Sourcing and Marketing		
STAT-301 Biostatistics (C or better in MATH-111 or -112)	GFE-734 Supply Chain		
orABA201 & ABA202	GFE-729 Product Lifestyle Management		
FASM-201 Prototyping (formerly Garment Development)	Internship/Research (discipline appropriate)		
Internship/Research (discipline appropriate)	Internship/Research (discipline appropriate)		
Internship/Research (discipline appropriate)	( ) Adv. Elective (discipline appropriate) (3-4 cr)		
( ) Adv. Elective (discipline appropriate)			
(Maximum of three graduate courses; may not duplicate UG equivalent)			
TEXT-622 Mechanics of Textiles			
TEXT-625 Biomaterials Technology			
TEXT-754 Industrial/Specialty Fabrics Product Development			
Commerce			
(Pre iMBA Option)			
*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 Making			
orABA201 & ABA202			
* iMBF-503 (will substitute for major core economic requirements)			
Foundation of Economics			
ECON-401 International Economics			
* iMBF-504 Financial & Managerial Accounting			
orACCT-101 & ACCT-102			
FIN-301 Financial Management			
* iMBF-504 Financial & Managerial Accounting orACCT-101 & ACCT-102			
rin-su i rinanciai 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)