

Production Management: Fashion and Related Industries BS Degree Program

School of Business and Technology

Applications accepted for fall only. NYSSED: 00564 CIP: 19.0902

In the major in Production Management: Fashion and Related Industries, students concentrate on the intricacies of the process: manufacturing, quality control, and supply chain. Students learn analytical and conceptual problem-solving, effective business communication, and industry systems and software, and apply these skills through a required internship. Curriculum below is for the entering class of fall 2021.

Semester 5		Credits		
MAJOR	MG 306 - Information Systems: Case Analysis	2	choice - see Requirements*: Liberal Arts/American History	3
AREA	MG 311 - Manufacturing I: Equipment Analysis	3		
LIBERAL	choice - see Requirements*: Liberal Arts/Foreign Language G8	3		
ARTS	EN 321 - Strategies of Business Communication	3		
	MA 300 - The Mathematics of Financial Life Management or 311 - Mathematical Modeling for Business Applications	3		
Semester 6				
MAJOR	MG 312 - Manufacturing II: Process Analysis	3		
AREA	MG 313 - Cutting Room Processes	3		
LIBERAL	SC 032 - Color Science Laboratory	1		
ARTS	SC 332 - Color and Light	3		
	choice - see Requirements*: Liberal Arts/Foreign Language	3		
	choice - see Requirements*: Liberal Arts/Social Sciences	3		
Semester 7				
MAJOR	MG 411 - Manufacturing Facilities Management	3		
AREA	MG 442 - Product Costing	3		
RELATED	TT 055 - Total Quality Management for Textile Products Laboratory	1.5		
AREA	TT 455 - Total Quality Management for Textile Products	1		
LIBERAL	choice - see Requirements*: Liberal Arts/Other World Civilizations	3		
ARTS	choice - see Requirements*: Liberal Arts/Social Sciences	6		
Semester 8				
MAJOR	IC 497 - Senior Internship: Career Planning	3		
AREA	MG 432 - Strategy, Policy, and Decision Making	3		
RELATED	TS 367 - Knit Fabrics and Machinery	3		
AREA				
LIBERAL	PL 300 - Business Ethics	3		
ARTS				
			TOTAL CREDIT REQUIREMENTS	
			MAJOR AREA	23
			RELATED AREA	5.5
			LIBERAL ARTS	31
			Total Credits:	62.5

***Fall 2021 Requirements:** See below.

Liberal Arts: 34 credits

- **American History: 3 credits.** CHOICE of EN 271 or 272, or HI 202 or 392.
- **English: 3 credits.** EN 321.
- **Foreign Language: 6 credits.** Two semesters of the same foreign language, one of which must meet the General Education Foreign Language requirement (G8).
- **Mathematics: 3 credits.** Mathematics Proficiency must be completed prior to enrolling in MA 213.
- **Other World Civilizations: 3 credits.** CHOICE of SS 151, SS 353, SS 354, SS 356, SS 393, SS 395, or SS 446.
- **Social Sciences: 9 credits.** SS 141, SS 237, and SS 242. If these courses have been taken previously, students must substitute another liberal arts course(s). See Liberal Arts Courses.
- **Philosophy: 3 credits.** PL 300.
- **Science: 4 credits.** SC 032 and SC 332.

60 credits total in liberal arts are required to earn a BS. Students who transferred into Production Management from another major or from another college may need to take additional liberal arts credits to earn 60 total.

NOTE: Students must have taken the following courses prior to entering the program: MG 114, MG 132, MG 153, MG 234, MG 242, TS 111, and SS 141.

Upon graduating from the Production Management BS program, students will be skilled in the following:

1. Professionalism/Ethics: Students will be able to make ethical judgements that will meet the professional standards of the production management of the fashion and related industries.
2. Business Fundamentals: Students will demonstrate the ability to create a complete financial plan, including master budget, sales, forecast,

purchase budget, operating expense budget, cash and capital budget, projected operating statements, and proforma balance sheets.

3. Communication: Students will understand the process of supply chain management from a manufacturer's perspective of global sourcing, vendor evaluation, quality assurance, materials resource planning, inventory control, budget considerations.
4. Globalism: Students will create the necessary "paper trail" to track the legal documents required to process raw materials and the analysis of the legal aspects and restrictions applicable to the purchasing of raw materials; these include the study of warranties and the transfer of title.
5. Technology: Students will articulate the intricacies of facilities design as they are made to consider material flow design, systems design, space allocations, auxiliary services, and storage facilities in their plant layout.
6. Research & Critical Thinking: Students will plan and analyze flow techniques, create an operation process chart, place equipment while considering the intricacies of material handling between the various operations of the plant.
7. Retail/Wholesaling: Students will learn the facility for researching and relating external information to the decisions required on plans, policies, strategies, and procedures for a particular company
8. Production Commercialization: Students will develop a business plan for a small business and to prepare operational plans for a large business.