

Production Management: Fashion and Related Industries BS Degree Program

<http://fitnyc.edu/productionmanagement>

School of Business and Technology

Applications accepted for fall only. NYSED: 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 2025.

Semester 5 Credits

MAJOR	MG 306 - Information Systems: Case Analysis	2
AREA	MG 311 - Manufacturing I: Equipment Analysis	3
LIBERAL	EN 321 - Strategies of Business Communication	3
ARTS	MA 300 - The Mathematics of Financial Life Management or MA 311 - Mathematical Modeling for Business Applications	3
	choice - see Requirements: Liberal Arts Elective(s)	3

Semester 6

MAJOR	MG 312 - Manufacturing II: Process Analysis	3
AREA	MG 313 - Cutting Room Processes	3
LIBERAL	EC 242 - Microeconomics	3
ARTS	SC 032 - Color Science Laboratory	1
	SC 332 - Color and Light	3
	choice - see Requirements: Liberal Arts Elective(s)	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 Elective(s)	3
ARTS	choice - see Requirements: Liberal Arts Elective(s)	6

Semester 8

MAJOR	MG 432 - Strategy, Policy, and Decision Making	3
AREA	TS 367 - Knit Fabrics and Machinery	3
RELATED	choice - see Requirements: Major/Related Area Elective(s)	3
AREA	PL 300 - Business Ethics	3
LIBERAL		
ARTS		

choice - see Requirements: Liberal Arts Elective(s) 3

TOTAL CREDIT REQUIREMENTS

MAJOR AREA	20
RELATED AREA	8.5
LIBERAL ARTS	34

Total Credits: 62.5

***Fall 2025 Requirements:** See below.

Internship or Major or Related Area Electives: 3 credits

IC 497 OR CHOICE of any 300-400-level Business and Technology course which prerequisites have been met.

Liberal Arts and Sciences Course Content Requirements

(AAS credits* + 34 BS credits = 60 credits total)

- **English: 9 credits.**
 - EN 131* (or EN 121 transferred or taken prior to Fall 2024) (G1)
 - CHOICE of any 200- or 300-level EN literature or speech course*
 - EN 321
- **Mathematics: 6 credits.**
 - CHOICE of any MA that meets SUNY G2*
 - MA 300 or MA 311
- **Other World Civilizations: 3 credits.**
 - CHOICE of PC 151, PC 353, PC 354, PC 356, PC 393, PC 395, or EC 446 (G9)
- **Social Sciences: 9 credits.**
 - EC 141*
 - PY 237*
 - EC 242

- **Philosophy: 3 credits.**
 - PL 300 (G7)
- **Science: 7 credits.**
 - CHOICE of any SC that meets SUNY G3*
 - SC 032 and SC 332
- **General Education: 3 credits.** CHOICE of one additional SUNY General Education Areas:
 - Western Civilization (G5)
 - Arts (G6)
 - Foreign Language (G8)
 - American History (G10)

Liberal Arts Elective(s): 20-21 credits*

Select Liberal Arts courses from the following subject areas: AB (Arabic); CH (Chinese); EC (Economics); EN (English); FI (Film and Media Studies); FR (French); HA (History of Art); HE (Health Education) HE 201, HE 301; IT (Italian); JA (Japanese); HI (History); MA (Math); MC (Modern Languages and Cultures); MU (Music); PC (Political Science); PE (Physical Education and Dance) PE 215, PE 216, PE 217; PL (Philosophy); PO (Portuguese); PY (Psychology); SC (Science); SO (Sociology); SP (Spanish); and SS (Social Sciences). See Liberal Arts Courses.

NOTE: Required knowledge areas prior to the sixth semester after entering the program:

- MG 114 Principles of Product Construction or equivalent
- MG 153 Excel for Business, equivalent, or placement test
- MG 242 Principles of Accounting or equivalent
- TS 111 Fundamentals of Textiles or any foundational textiles course

****Credits from AAS will apply as appropriate***

FIT's 2+2 degree structure requires an earned AAS or equivalent plus all the BS or BFA degree requirements. For more information, please see Requirements for Degree Completion.

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.