

MAJOR IN APPAREL AND MERCHANDISING, PRODUCT DEVELOPMENT CONCENTRATION



The Product Development concentration offers unique learning opportunities in developing and innovating consumer products. Students will learn the full product development process from concept to consumer goods, emphasizing skills in problem-solving, communication, and profitability. Students will learn the conceptual to functional stages of manufacturing, including technology and material research, global sourcing strategies and costing, computer-aided design, product line development, and packaging/branding strategies. Additionally, students in this concentration gain competence to be successful industry professionals or entrepreneurs through market-driven, industry-sponsored projects, which provide real-world networking opportunities with employers. Students graduating with this concentration often pursue careers in highly technical product development fields such as outdoor products and sportswear industries.

Learn more about the Product Development concentration on the Department of Design and Merchandising website (<https://www.chhs.colostate.edu/dm/programs-and-degrees/b-s-in-apparel-and-merchandising/product-development-concentration/>).

Requirements Effective Fall 2025

Freshman

		AUCC	Credits
AM 101	Fashion Industries		3
AM 110	Apparel and Merchandising Digital Technology		3
AM 130	Awareness and Appreciation of Design	3B	3
AM 143	Introduction to Apparel Design		4
CHEM 103	Chemistry in Context (GT-SC2)	3A	3
CHEM 104	Chemistry in Context Laboratory (GT-SC1)	3A	1
CO 150	College Composition (GT-CO2)	1A	3
DM 192A	First Year Seminar: Apparel and Merchandising		1
MATH 117	College Algebra in Context I (GT-MA1)	1B	1
MATH 118	College Algebra in Context II (GT-MA1)	1B	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	1B	1
Select one course from the following:			3
PSY 100	General Psychology (GT-SS3)	3C	
SOC 100	Introduction to Sociology (GT-SS3)	3C	
1C (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#aucc)			3
Total Credits			30

Sophomore

AM 220	Textiles		3
AM 241	Patternmaking I - Flat Pattern		3
AM 250	Dress and Human Behavior (GT-SS3)	3C	3
AM 270	Merchandising Processes		3
AM 275	Product Development I		3
DM 272	Consumers in the Marketplace		3
ECON 202	Principles of Microeconomics (GT-SS1)	3C	3
Select one course from the following:			3
ACT 205	Fundamentals of Accounting		

STAT 201	General Statistics (GT-MA1)	1B	
STAT 204	Statistics With Business Applications (GT-MA1)	1B	
Biological and Physical Sciences (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#biological-physical-sciences)		3A	3
Historical Perspectives (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)		3D	3

Total Credits	30
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Junior

AM 321	Advanced Textiles		3
AM 330	Global Sourcing of Textiles and Apparel		3
AM 335	Textiles and Apparel Supply Chains		3
AM 342	Computer-Aided Textile Design		3
AM 375	Product Development II	4B	3
AM 376	Prototyping Testing for Product Development		3
AM 421	Textiles Product Quality Assessment		3
DM 492	Professional Practice		2
Select one course from the following:			3
AM 363	Global Fashion History Perspectives	4A	
AM 460	Historic Textiles		
Advanced Writing (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing)		2	3
Arts and Humanities (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)		3B	3

Total Credits	32
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Senior

AM 475	Product Development III	4A,4C	3
DM 477	Apparel Industry Applications		3
DM 487C ¹	Internship: Product Development		9
Upper-Division AM or DM Electives ²			9
Elective			4

Total Credits	28
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Program Total Credits:	120
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Internship Alternative Courses^{1,3}

Code	Title	Credits			
AM 342	Computer-Aided Textile Design	3	DM 470A	International Design and Merchandising: Apparel	2
AM 364	History of Fashion Designers/Manufacturers	3	DM 470B	International Design and Merchandising: Interior Design	2
AM 366	Merchandising Promotion	3	DM 474	Fashion Show Production and Event Planning	3
AM 371	Merchandise Planning and Control	4	DM 482	Travel Abroad	1
AM 430	International Retailing	3	JTC 301	Corporate and Professional Communication (GT-CO3)	3
AM 450	Social-Psychological Aspects of Clothing	3	JTC 310	Copy Editing	3
AM 466	Retail Environment Design and Planning	3	JTC 311	History of Media	3
AM 476	Footwear Design	3	JTC 316	Multiculturalism and the Media	3
ART 350	Fibers II	4	JTC 320A	Reporting: General News	3
ART 351	Fibers III	4	JTC 320B	Reporting: Sports	3
ART 450	Fibers IV	4	JTC 320C	Reporting: Business	3
ART 451	Fibers V	4	JTC 320D	Reporting: Government and Political	3
DM 360/MKT 360	Retailing	3	JTC 320H	Reporting: Special Topics	3
DM 400	U.S. Travel-New York City	3	JTC 326	Online Storytelling and Audience Engagement	3

JTC 340	Video Editing	3
JTC 342	Writing for Visual Media	3
JTC 350	Public Relations and Advertising	3
JTC 361	Writing for Specialized Magazines	3
JTC 372	Web Design and Development	3
JTC 411	Media Ethics and Issues	3
JTC 412	International Mass Communication	3
JTC 413	New Media Trends and Society	3
JTC 414	Media Effects	3
JTC 415	Communications Law	3
JTC 471	Research for Public Communicators	3
MGT 320	Contemporary Management Principles/ Practices	3
MGT 330	Creativity, Innovation, and Value Creation	3
MGT 340	Fundamentals of Entrepreneurship	3
MGT 410	Leadership and Organizational Behavior	3
MGT 420	New Venture Creation	3
MGT 440	New Venture Management	3
MGT 470	Managerial Decisions-Issues and Analysis	3
MGT 475	International Business Management	3
MKT 366	Services Marketing	3
SOC 301	Development of Sociological Thought	3

SOC 302	Contemporary Sociological Theory	3
SOC 330	Social Inequality	3
SOC 342	Work and Leisure in Society	3
SOC 362	Social Change	3
SOC 460	Environmental and Natural Resource Sociology	3
TH 363	Costume Design II	3

¹ Registration for DM 487C and DM 477 depends on acceptance by a cooperating company. Students not enrolled in an internship will select 12 credits from the department list of Internship Alternative Courses.

² Select upper-division (300- to 400-level) AM or DM subject code courses ending in -00 to -79.

³ Courses used to fulfill upper-division AM or DM electives in the program cannot be used to fulfill course requirements for internship alternatives.

Major Completion Map

Distinctive Requirements for Degree Program:

Minimum grade requirements for Apparel and Merchandising - Product Development concentration are as follows: **AM 101, AM 130, DM 272, MATH 117, MATH 118, MATH 124** with grades of C (2.000) or better.

Freshman

Semester 1

		Critical	Recommended	AUCC	Credits
AM 101	Fashion Industries	X			3
AM 130	Awareness and Appreciation of Design		X	3B	3
CO 150	College Composition (GT-CO2)			1A	3
DM 192A	First Year Seminar: Apparel and Merchandising				1
MATH 117	College Algebra in Context I (GT-MA1)	X		1B	1
MATH 118	College Algebra in Context II (GT-MA1)	X		1B	1
Select one course from the following:					3
PSY 100	General Psychology (GT-SS3)			3C	
SOC 100	Introduction to Sociology (GT-SS3)			3C	

Total Credits

15

Semester 2

		Critical	Recommended	AUCC	Credits
AM 110	Apparel and Merchandising Digital Technology	X			3
AM 143	Introduction to Apparel Design				4
CHEM 103	Chemistry in Context (GT-SC2)			3A	3
CHEM 104	Chemistry in Context Laboratory (GT-SC1)			3A	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)			1B	1
1C (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#aucc)				1C	3

Total Credits

15

Sophomore

Semester 3

		Critical	Recommended	AUCC	Credits
AM 220	Textiles				3
AM 250	Dress and Human Behavior (GT-SS3)			3C	3
AM 275	Product Development I				3
DM 272	Consumers in the Marketplace	X			3

Biological and Physical Sciences (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#biological-physical-sciences)				3A	3
Total Credits					15
Semester 4		Critical	Recommended	AUCC	Credits
AM 241	Patternmaking I - Flat Pattern				3
AM 270	Merchandising Processes	X			3
ECON 202	Principles of Microeconomics (GT-SS1)			3C	3
Select one course from the following:					3
ACT 205	Fundamentals of Accounting				
STAT 201	General Statistics (GT-MA1)			1B	
STAT 204	Statistics With Business Applications (GT-MA1)			1B	
Historical Perspectives (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)				3D	3
Total Credits					15
Junior					
Semester 5		Critical	Recommended	AUCC	Credits
AM 330	Global Sourcing of Textiles and Apparel		X		3
AM 342	Computer-Aided Textile Design		X		3
AM 375	Product Development II	X		4B	3
AM 421	Textiles Product Quality Assessment				3
DM 492	Professional Practice				2
Advanced Writing (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing)				2	3
Total Credits					17
Semester 6		Critical	Recommended	AUCC	Credits
AM 321	Advanced Textiles	X			3
AM 335	Textiles and Apparel Supply Chains	X			3
AM 376	Prototyping Testing for Product Development				3
Select one course from the following:					3
AM 363	Global Fashion History Perspectives	X		4A	
AM 460	Historic Textiles				
Arts and Humanities (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)				3B	3
Total Credits					15
Senior					
Semester 7		Critical	Recommended	AUCC	Credits
AM 475	Product Development III	X		4A,4C	3
Upper-Division AM/DM Electives					9
Elective					4
Total Credits					16
Semester 8		Critical	Recommended	AUCC	Credits
DM 477	Apparel Industry Applications				3
DM 487C	Internship: Product Development	X			9
The benchmark courses for the 8th semester are the remaining courses in the entire program of study.		X			
Total Credits					12
Program Total Credits:					120