

Supply Chain Management, B.S.B.AD.

Degree Offered

- Bachelor of Science in Business Administration

Nature of the Program

Supply Chain Management (SCM) is a challenging and rewarding professional field that is critical to the success of any firm across all industries. SCM is a unique business function that is operationally essential, tactically critical and strategically of great consequence offering a broad range of career opportunities across any industry. Supply chain roles and responsibilities comprise a vast array of business functions, such as demand planning, inventory control, customer fulfillment, logistics, freight, warehousing, production planning, purchasing, sourcing, among others. The SCM program at WVU provides an integrated end-to-end perspective and prepares students to view all activities within the supply chain as a complex system, which often spans the globe. Through experiential learning activities, capstone projects with industry and government, and interaction with industry professionals, the program prepares students to identify critical interdependencies to succeed in their SCM roles. Including, cultivating a process view of SCM, understanding the opportunities and challenges of technology, innovatively deploying critical analytical skills that realize a competitive advantage while making ethical SCM decisions. The curriculum and activities focus not only on the core technical knowledge but also on the essential leadership skills needed for a successful career in the exciting and critical field of SCM.

Entry-level job opportunities include:

- Category analyst
- Distribution manager
- Inventory manager
- Logistics manager
- Materials planner
- Operations management analyst
- Operations supervisor
- Procurement manager
- Production planner
- Project manager
- Quality assurance manager
- Sourcing manager
- Supply chain analyst
- Supply chain consultant
- Supply chain manager
- Traffic manager

ADMINISTRATION

ASSOCIATE PROFESSOR

- Bernie F. Quiroga - Ph.D., The Pennsylvania State University
Program Coordinator, Supply Chain Management

FACULTY

CHAIR

- Michael F. Walsh - Ph.D., University of Pittsburgh
Chair of General Business Department

PROFESSOR

- John Saldanha - Ph.D., The Pennsylvania State University
Sears Chair in Global Supply Chain Management, and Faculty Director, Wehrle Global Supply Chain Lab

ASSOCIATE PROFESSOR

- Bernie F. Quiroga - Ph.D., The Pennsylvania State University
Program Coordinator, Supply Chain Management

ASSISTANT PROFESSORS

- Molly Hughes - Ph.D., The Ohio State University
- Bo (Larry) Lan - Ph.D., Iowa State University of Science and Technology
- Ashesh Sinha - Ph.D., University of Wisconsin-Madison

SERVICE ASSISTANT PROFESSOR

- Quinn Jones - B.S., West Virginia University
Director, Wehrle Global Supply Chain Lab

TEACHING ASSISTANT PROFESSOR

- Jeremy Roberts - D.M., University of Phoenix

Admissions for 2025-2026

For specific information regarding the admissions requirements for First Time Freshmen to the John Chambers College of Business and Economics, please visit Chambers admissions (<http://catalog.wvu.edu/undergraduate/collegeofbusinessandeconomics/#admissionstext>).

Students who are direct admitted to the major as first-time freshmen must possess an overall university GPA of at least 2.5 and have completed the course prerequisites listed in the table below with minimum grade of C-, unless otherwise noted, to be eligible to enroll in upper-division course work.

Students who are not direct admitted to the major (i.e. Business) will declare the major during the semester in which they satisfy the course prerequisites listed below. Applicants also must possess an overall GPA of at least 2.5 to be considered for admission to the major.

Code	Title	Hours
ACCT 201	Principles of Accounting 1	3
BCOR 121	Introduction to Business Applications	2
ECON 201 & ECON 202	Principles of Microeconomics and Principles of Macroeconomics	6
ECON 225 or STAT 211	Elementary Business and Economics Statistics Elementary Statistical Inference	3
Choose one of the following:		3-6
ENGL 101 & ENGL 102	Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research	
ENGL 103	Accelerated Academic Writing	
Choose one of the following; a minimum of C- is needed in MATH 150 or D- in MATH 154 or MATH 155		3-4
MATH 124 & MATH 150	Algebra with Applications and Applied Calculus	
MATH 129 & MATH 155	Pre-Calculus Mathematics and Calculus 1 *	
MATH 150	Applied Calculus *	
MATH 153 & MATH 154	Calculus 1a with Precalculus and Calculus 1b with Precalculus	
MATH 155	Calculus 1 *	
Total Hours		20-24

*

A minimum grade of C- in MATH 150 is required for admission to the program. A grade of D- in MATH 154 or a higher college calculus course satisfies the calculus requirement.

Major Code: 2169

[Click here to view the Suggested Plan of Study \(p. 4\)](#)

General Education Foundations

Please use this link to view a list of courses that meet each GEF requirement. (<http://registrar.wvu.edu/gef/>)

NOTE: Some major requirements will fulfill specific GEF requirements. Please see the curriculum requirements listed below for details on which GEFs you will need to select.

Code	Title	Hours
General Education Foundations		
F1 - Composition & Rhetoric		3-6
ENGL 101 & ENGL 102 or ENGL 103	Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research Accelerated Academic Writing	
F2A/F2B - Science & Technology		4-6
F3 - Math & Quantitative Reasoning		3-4
F4 - Society & Connections		3
F5 - Human Inquiry & the Past		3
F6 - The Arts & Creativity		3
F7 - Global Studies & Diversity		3
F8 - Focus (may be satisfied by completion of a minor, double major, or dual degree)		9
Total Hours		31-37

Please note that not all of the GEF courses are offered at all campuses. Students should consult with their advisor or academic department regarding the GEF course offerings available at their campus.

Degree Requirements

Code	Title	Hours
University Requirements		34
Program Requirements		23
Business Core Requirements		33
Supply Chain Management Major Requirements		30
Total Hours		120

University Requirements

Code	Title	Hours
General Education Foundations (GEF) 1, 2, 3, 4, 5, 6, 7, and 8 (31-37 Credits)		
Outstanding GEF Requirements 2, 5, 6, 7 and 8		16
BCOR 191	First-Year Seminar	1
General Electives		17
Total Hours		34

Program Requirements

Code	Title	Hours
ACCT 201	Principles of Accounting 1 (Minimum grade of C-)	3
BCOR 121	Introduction to Business Applications (Minimum grade of C-)	2
ECON 201	Principles of Microeconomics (Minimum grade of C-; may fulfill GEF 4)	3
ECON 202	Principles of Macroeconomics (Minimum grade of C-; may fulfill GEF 8)	3
Select one of the following (Minimum grade of C-; may fulfill GEF 1):		3-6
ENGL 101 & ENGL 102 ENGL 103	Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research Accelerated Academic Writing	
Select one of the following (Minimum grade of C-; may fulfill GEF 8):		3
ECON 225	Elementary Business and Economics Statistics	
STAT 211	Elementary Statistical Inference	

Select one of the following; minimum grade of C- in MATH 150 or D- in MATH 154 or higher; (may fulfill GEF 3):

3-8

MATH 124 & MATH 150	Algebra with Applications and Applied Calculus
MATH 129 & MATH 155	Pre-Calculus Mathematics and Calculus 1
MATH 150	Applied Calculus
MATH 153 & MATH 154	Calculus 1a with Precalculus and Calculus 1b with Precalculus
MATH 155	Calculus 1

Total Hours

23

Business Core Requirements

Code	Title	Hours
ENTR 102	Fundamentals of Entrepreneurship	3
BCOR 199	Introduction to Business	3
BCOR 299	Business Communication (Fulfills Writing and Communication Skills Requirement)	3
BCOR 320	Legal Environment of Business	3
BCOR 330	Information Systems and Technology	3
BCOR 340	Principles of Finance	3
BCOR 350	Principles of Marketing	3
BCOR 360	Supply Chain Management	3
BCOR 370	Principles of Management	3
BCOR 380	Business Ethics	3
BCOR 460	Contemporary Business Strategy	3

Total Hours

33

Supply Chain Management Major Requirements

Code	Title	Hours
Possess a minimum GPA of 2.0 for all major courses calculated using all attempted GPA hours unless excluded by the D/F repeat policy.		
GSCM 350	Sourcing and Supply Management	3
GSCM 355	Logistics and Distribution Management	3
GSCM 360	Supply Chain Analytics	3
GSCM 370	Transportation Management	3
GSCM 425	Supply Chain Network Design	3
GSCM 430	Supply Chain Technology	3
GSCM 450	Supply Chain Quality Management	3
GSCM 455	Project Management	3
GSCM 470	Global Supply Chain Systems	3
MIST 351	Database Management Systems	3

Total Hours

30

Suggested Plan of Study

First Year

Fall	Hours	Spring	Hours
BCOR 199		3 ACCT 201	3
BCOR 191		1 ECON 201 (GEF 4)	3
BCOR 121		2 ENGL 101 (GEF 1)	3
Select one of the following (GEF 3):		3 Select one of the following:	3
MATH 124		MATH 150	
MATH 129		MATH 154	
MATH 150		MATH 155	
MATH 153		MATH 156	

MATH 155		GEF (Choose from F2, F5, F6, F7 or F8)	3
ENTR 102		3	
GEF (Choose from F2, F5, F6, F7 or F8)		3	
		15	15
Second Year			
Fall	Hours	Spring	Hours
ECON 202 (GEF 8)		3 BCOR 299	3
ECON 225 (GEF 8)		3 BCOR 330	3
ENGL 102 (GEF 1)		3 BCOR 340	3
GEF (Choose from F2, F5, F6, F7 or F8)		3 BCOR 350	3
Minor or General Elective		3 BCOR 370	3
		15	15
Third Year			
Fall	Hours	Spring	Hours
BCOR 360		3 BCOR 380	3
GSCM 350		3 GSCM 360	3
GSCM 355		3 GSCM 370	3
GEF (Choose from F2, F5, F6, F7 or F8)		3 MIST 351	3
Minor or General Elective		3 GEF (Choose from F2, F5, F6, F7 or F8)	3
		15	15
Fourth Year			
Fall	Hours	Spring	Hours
BCOR 320		3 BCOR 460	3
GSCM 425		3 GSCM 455	3
GSCM 430		3 GSCM 470	3
GSCM 450		3 Minor or General Elective	6
Minor or General Elective		3	
		15	15

Total credit hours: 120

Major Learning Outcomes

SUPPLY CHAIN MANAGEMENT

Students who successfully complete the program will be prepared and competitive for entry-level positions in areas pertaining to supply chain management. These jobs include areas such as materials project manager, sourcing leader, supply chain analyst, production analyst, logistics planning, shipping and delivery management, among others.

- Graduates from the program will have the knowledge and skills to manage and coordinate all supply chain functions in an enterprise, from overseeing acquisition, internal allocation of resources, movement and storage of raw materials and inventory, to managing complex networks of supply and demand.
- They will have the knowledge and skills to lead supply chain improvement projects, to function in supply chain teams, and to perform or lead supply chain activities.
- Graduates will be able to recognize the systemic and global nature of supply chain processes and activities in the decision-making process, the interdependencies critical to effectively manage and improve performance, the role of supply chain information technology in the effective management and improvement of supply chain activities, and the complexities of global supply chain operations and related ethical issues.
- In addition, students will recognize the great potential that supply chain activities and decisions offer in terms of making a positive contribution not only to the improvement of business performance but also to society.