

# Supply Chain Management

## What is Supply Chain Management (STEM)?

**Supply chain management (SCM) concerns the coordination of business disciplines that are required to manage the flow of goods, services, and information needed to produce and deliver products and services to customers. Effective supply chain management improves business performance and provides value to customers.**

## Why study Supply Chain Management at the Palumbo-Donahue School of Business?

One of the fastest growing business disciplines, SCM provides a competitive advantage for corporations, and our SCM program incorporates the best-in-class methods, concepts and tools that companies need to gain that competitive advantage. Organizations are placing great value on the ability of new hires to understand the connections among disciplines that our SCM program teaches.

Majoring in SCM will broaden your perspective on business, helping you to view organizations holistically, so you can see how decisions made in one part of the organization affect stakeholders throughout the supply chain. This understanding is especially important in the global economy in which SCM graduates will one day be managers.

The SCM faculty has a close association with regional and national SCM executives, which provides many opportunities for internships and full-time positions. The success of SCM alumni also provides students with networking opportunities for career enhancement.

SCM majors are also given the opportunity to experience the supply chain outside of the classroom through a variety of extracurricular activities, including

the Duquesne Supply Chain Council, our mentoring program, and the Student Chapter of ACSM participation in local SCM professional society meetings and tours of local companies.



## Career Prospects

Every business has a supply chain, and graduates can begin their careers in industry, government, consulting, service providers or SCM information systems. The breadth of disciplines included in SCM provides a number of opportunities for starting positions in the field, such as forecast analyst, production scheduler, material planner, buyer, operations analyst, inventory planner, transportation analyst/planner, warehouse planner, customer service representative and SCM systems analyst. Recent SCM graduates have found positions in a variety of major corporations, including US Steel, Alcoa, PPG, ThermoFisher Scientific, UPMC, Wesco, Amazon, Kraft Heinz, Nestle, Dick's Sporting Goods, J.B. Hunt, IBM, MSA, and PNC.

## Supply Chain Management as a Value-Added Second Major

The SCM curriculum compliments a wide number of other business majors. In particular, students who combined the SCM major with majors in information systems management and marketing have been highly successful.

## Courses

Course	Prerequisites	Semesters Offered
<b>BUSINESS CORE COURSES (48 Credits)</b>		
<b>REQUIRED COURSES (18 Credits)</b>		
SCMG 375 Supply Chain Process Improvement	SCMG 267	Fall, Spring
SCMG 385 SCM Informative Systems and Technology	SCMG 267	Fall, Spring
SCMG 469W Strategic Supply Chain Management	SCMG 375, 385, 472, and 474	Fall, Spring
SCMG 472 Global Transportation and Logistics	SCMG 267	Fall, Spring
SCMG 474 Supply Management Purchasing	SCMG 375 and MKTG 271	Fall, Spring
SCMG 480 Forecasting, Production and Inventory Planning	SCMG 375	Fall, Spring
<b>ELECTIVES (9 Credits)</b>		
BLAW 353 Contracts	BLAW 251	Spring
BLAW 354 Commercial Transactions	BLAW 251	Spring
IBUS 345 International Negotiation	MGMT 261	Fall, Spring
MKTG 472 Digital Marketing	STAT 285, MKTG 271	Fall, Spring
MKTG 473W Sales Management	MKTG 373	Fall, Spring
MKTG 476 Product Innovation	MKTG 271	Fall, Spring
ISYS 381W Systems Analysis and Design	ISYS 184	Fall, Spring
ISYS 382 Data and Information Management	ISYS 284	Fall, Spring
ISYS 483 Enterprise Systems	ISYS 184	Fall

## Recommended Sequence

	Fall Semester	Spring Semester
<b>Junior Year</b>	375 Supply Chain Process Improvement 385 SCM Information Systems (fall or spring junior year)	385 SCM Informative Systems (fall or spring junior year) 472 Global Transportation (spring junior year or fall senior year) Elective
<b>Senior Year</b>	472 Global Transportation (spring junior year or fall senior year) 474 Supply Management Purchasing 480 Forecasting, Production and Inventory Planning	469W Strategic Supply Chain Management Elective Elective

*Special Notes: The electives can be dropped from this major when paired with a second major or a minor. Only one internship may be counted as a Supply Chain Management major elective.*

## Graduation Requirements

Students must earn a minimum overall GPA of a 2.0. Students seeking a major or minor in Supply Chain Management must achieve a minimum GPA of 2.5 in the major or minor.

## A Minor in Supply Chain Management

Students can earn a minor in Supply Chain Management by completing SCMG, 375, 385, and any two of the following three courses: SCMG 472, 474, and 480.

**It is the responsibility of the student to know both University-wide graduation requirements and those of the major field of study and to meet all requirements satisfactorily for graduation.**

This information is subject to change and this publication cannot be considered an agreement or contract between the individual and the School. The Palumbo-Donahue School of Business reserves the right to alter or amend the terms, conditions and requirements and to eliminate courses as necessary. Students should consult on a regular basis with their Student Success Coach for specific information related to their major and/or minor requirements. Rev. 10/23