Supply Chain and Information Systems

Career Overview
A supply chain encompasses business functions and enterprises interconnected by resource flows of goods, services, information, and funds. Supply chain management spans these interconnected networks to acquire, produce, and deliver goods and services in our global economy.

Employment Prospects
Students majoring in Supply Chain and Information Systems (SCIS) gain knowledge, skills, and expertise to manage multiple facets of organizations and businesses. They become leaders in acquiring, producing, and delivering goods around the world. They are experts at integrating people, processes, and informational technology in order to produce successful supply chains. SCIS graduates have opportunities to work in fields including production, logistics, transportation, and more. Students majoring in Supply Chain and Information Systems have access to the Smeal Business Career Center. More information can be found at: careerconnections.smeal.psu.edu/channels/supply-chain-information-systems.

Preparing to Enroll in the Major
Enrollment in the SCIS major is contingent upon several criteria, which include the timing and completion of a specified range of cumulative credits at Penn State. Students apply for the major once they have earned a minimum of 36 but no more than 59 cumulative credits. These credits include required business foundation and related courses. In addition to the course and credit window requirements, students must attain an overall competitive GPA in all courses.

SCIS Major Requirements
Complete all of the following Supply Chain Management (SCM) courses (15 credits). A grade of “C” or better is required in all SCM courses, including SCM 301:
- **SCM 404 (3):** Demand Fulfillment (Prerequisite: SCM 301)
- **SCM 405 (3):** Manufacturing and Service Strategies (Prerequisite: SCM 301)
- **SCM 406 (3):** Strategic Procurement (Prerequisite: SCM 301)
- **SCM 421 (3):** Supply Chain Modeling and Analysis (Prerequisite: SCM 404 or 405 or 406)
- **SCM 450W (3):** Design and Management of Supply Chains (Prerequisite: SCM 421)
Select a Two-Piece Sequence
(6 credits) from one of the areas below or complete a
designated University minor.

- Accounting
- Business Law
- Business Sustainability
- Corporate Diversity
- Corporate Innovation and Entrepreneurship
- Economics
- Finance
- Information Systems Management (ISM)
- International Business
- Management
- Marketing
- Real Estate
- Risk Management

SCIS Highlights
Consider some of the other factors that help to enhance
the environment for SCIS students at the Smeal College of
Business.

Top Ranked
Penn State and Smeal have consistently received top
rankings from employers. Recruiters surveyed by
Bloomberg Businessweek have continually ranked Smeal
in the top ten in recent years, and the SCIS program is
ranked No. 3 according to Gartner, Inc., a technology
research firm that ranks the top supply chain companies
in the world and the top 25 supply chain universities
in the U.S.

Student Events
The SCIS Department hosts a variety of student events
each year, including fall and spring career fairs and career
exploration sessions for SCIS majors. First-year and
second-year students can also learn more about majors,
careers, and involvement opportunities at Explore Smeal.

Information Systems Management (ISM) Minor
The ISM minor focuses on technology-supported
techniques for exploring, analyzing, integrating, and
reporting business data to facilitate fact-based decisions.
The coursework enables students to study basic concepts,
principles, and methods for business analytics and to gain
an understanding of the best practices for aligning IT-
supported analytics with business strategy. SCIS students
with a strong understanding of business analytics are
highly sought after by recruiters.

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