

SUPPLY CHAIN AND INFORMATION SYSTEMS, B.S.

MORE INFORMATION ABOUT SUPPLY CHAIN AND INFORMATION SYSTEMS (<https://undergrad.smeal.psu.edu/majors/supply-chain-information-systems/>)

Begin Campus: Abington, Altoona, Berks, Beaver, Brandywine, DuBois, Erie, Fayette, Greater Allegheny, Harrisburg, Hazleton, Lehigh Valley, Mont Alto, New Kensington, Shenango, Schuylkill, University Park, Wilkes-Barre, Scranton, York

End Campus: University Park

Program Description

The Supply Chain and Information Systems major concentrates on the management of value-creating supply chain networks that modern business enterprises use to acquire, produce, and deliver goods and services all over the world and on information technology as the key enabler of supply chain integration. Students learn how to analyze and design supply chains and manage core business processes including (1) sourcing and procuring raw materials, (2) manufacturing and service operations, and (3) planning and fulfilling customer demand. Students also develop knowledge, skills, and abilities in the information systems area, including information processing, databases, information systems design and analysis, and supply chain technologies.

Graduates are well-prepared for careers in the supply chain and information systems area in both industry and government, including manufacturing, service, technology, and merchandising companies, third-party logistics providers, transport system enterprises, consulting firms, and government agencies.

More information about the broad range of career opportunities is available at <http://www.smeal.psu.edu/scis/recruit> (<http://www.smeal.psu.edu/scis/recruit/>).

What is Supply Chain and Information Systems?

Supply Chain and Information Systems (SCIS) is a boundary-spanning field of supply chain networks. 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.

Students selecting the SCIS major develop excellent knowledge and skills in three critically important areas:

- Core flow functions, which include source, make, deliver, and return.
- The role of information systems as the critical enabler for integrating supply chains.
- The cross-functional planning perspectives that span core functions, customer relationships, post-sales support, and new product design and launches.

SCIS emphasizes real world content and exposure to best practices from internships, case studies, visiting business leaders, industry partnerships, company-sponsored research projects, study abroad opportunities, and professional development workshops.