

## Bachelor of Science in Project and Supply Chain Management

The Project and Supply Chain Management major concentrates on developing knowledge, skills, and abilities in project management, a dynamic and important discipline in modern corporations. These project management skills include the development of new projects, and coordinating procurement and project delivery systems. The major also emphasizes the integration of manufacturing and service operations, logistics, purchasing, and distribution that enable organizations to develop value-creating supply chain networks.



### Contact

*Administrative Support Assistant*

Cathy Stoey

[cxs879@psu.edu](mailto:cxs879@psu.edu)

+1 717 948 6139

*Program Coordinator*

Dinesh R. Pai, Ph.D.

[drp18@psu.edu](mailto:drp18@psu.edu)

+1 717 948 6643

Content reviewed and approved Tue Dec 03, 2019 13:09:31 pm



**PennState**  
Harrisburg

777 West Harrisburg Pike  
Middletown, PA 17057  
Phone: 717-948-6139  
[harrisburg.psu.edu](http://harrisburg.psu.edu)



**PennState**  
Harrisburg

**School of Business  
Administration**



**Bachelor of Science in  
Project and Supply Chain  
Management**

## Curriculum

Logistics and, more broadly supply chain management, is a rapidly evolving field. Goods movements through South Central Pennsylvania are predicted to increase by just under 80% through 2030 [1]. As a result, there are a substantial number of supply chain management job opportunities available. Graduates from this program will not only learn the five basic supply chain management processes (Source, Make, Deliver, Plan, and Return), but they will also learn modern industry-standard project management techniques for keeping projects on scope, on time and, on (or within) budget, while utilizing resources efficiently. The program is specifically geared toward several major supply chain activities in the region: distribution, procurement, customer service, and transportation.

Graduates of the program will be able to perform the following functions:

- Evaluate various forecasting methods to estimate demand
- Model inventory decisions including setting order quantity, reorder point, and safety stock
- Determine best shipping mode based on modal and shipment characteristics
- Determine best storage method for a particular SKU based on storage quantity and annual demand
- Explain trade-offs for different picking methods
- Explain the trade-offs involved with the strategic sourcing process
- Manage a project including resources, completion date, and cost

[1] Cambridge Systematics, Inc., Global Insight, PB Farradyne, and A. Strauss-Wieder, Inc. (2006), South Central Pennsylvania Regional Goods Movement Study

## Courses

Supply chain management is a rapidly evolving field. Goods transported through south central Pennsylvania are predicted to increase by just under 80 percent through 2030. As a result, there are a substantial number of project and supply chain management job opportunities in production, distribution, procurement, network management, customer service, and transportation.

The project and supply chain management program prepares our graduates for these opportunities by focusing on purchasing, materials management, project planning, resource management, operations planning and control, warehousing and terminal management, business analytics, and transportation systems.

All project and supply chain management courses are taught by faculty who are active researchers, scholars, or practitioners.

Our dynamic, innovative curriculum, developed with input from top executives from local industry, provides opportunity for outside-classroom learning via field trips to local manufacturing and distribution facilities, simulation games, regular interaction with industry experts, industry projects, and internships. Our fledgling student-led supply chain management club offers many opportunities for our students to hone their leadership and organization skills.

Our students who meet the academic criteria have the option to enroll in an integrated, continuous program of study leading to both the bachelor of science in project and supply chain management and the master of business administration (IUG program).

---

For course descriptions and requirements, see the [Penn State University Bulletin](#).

## Undergraduate Admissions Requirements

Minimum high school course requirements for admission to baccalaureate (four-year) degree programs are listed below. Keep in mind that specific programs may have additional requirements or recommendations.

### English

Four units, including one unit each in composition and literature, are required.

### Social Studies/Art/Humanities

Three units in any combination of social studies, arts, and humanities are required.

### World Language

Two units in a single world language other than English are required. However, a student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Either a third unit in the same language or an additional unit in a second world language other than English is recommended.

### Science

Three units of science are required. Preparation in chemistry and physics is recommended but not required for our Science and Engineering/Engineering Technology programs

### Math

Three units of mathematics are required (four are recommended), selected from any combination of algebra, geometry, and trigonometry. Some programs have additional mathematics requirements. Our Business, Engineering/Engineering Technology, and Science programs require one-half unit of trigonometry or higher level math within the required three units

Penn State requires proof of graduation or a GED for admission to four-year degree programs.

\*In most high school curricula, one unit = one year.

Visit Undergraduate Admissions: Admissions Requirements for more information (<http://goo.gl/eVGAMB>)