PROJECT AND SUPPLY CHAIN MANAGEMENT, B.S. (BEHREND)

Begin Campus: Any Penn State Campus
End Campus: Erie, World Campus

Program Description

The Project and Supply Chain Management major concentrates on developing knowledge, skills, and abilities in both project and supply chain management, dynamic and important disciplines in modern corporations. Project management skills include the development of new projects, and coordinating procurement and project delivery systems. Supply chain management emphasizes the integration of manufacturing and service operations, logistics, purchasing, and distribution that enable organizations to develop value-creating supply chain networks. The major provides students with an opportunity to develop the quantitative and people skills necessary to design and operate today’s complex management systems. Students learn how to manage critical components in organizational supply chains, and apply business analytic methods for organizing and fully integrating supply chain practices throughout the organization. Graduates are uniquely well-prepared for careers in some of the highest in-demand professions in the modern business and government environments, managing the supply chain and project initiatives in world-class business firms, public sector organizations, construction, IT organizations, third-party logistics providers, and goods and services distribution operations.

What is Project and Supply Chain Management?

It has been estimated that well over half of all activities in modern corporations are project-based. From developing a new product to constructing a new building, the list of efforts that organizations must plan, manage, and deliver (ideally on time and under budget) is nearly endless. At the same time, globalization creates a growing need for professionals who can effectively manage complex supply chains. The study of project and supply chain management emphasizes the integration of manufacturing and service operations, logistics, purchasing, and distribution—the functions that enable organizations to cultivate value-creating supply chain networks.

You Might Like This Program If...

- You’re not intimidated by large projects, or ones that have many moving parts.
- You are detail oriented.
- You are looking for a versatile, in-demand business degree.
- You are interested in pursuing a concurrent certificate in Enterprise Resource Planning (ERP) with SAP (available at Erie, the Behrend College and University College campuses, Beaver, Brandywine, Fayette, Greater Allegheny, Lehigh Valley, New Kensington, Schuylkill, Shenango, Wilkes-Barre and Scranton).

Entrance to Major

Entry to the Project and Supply Chain Management major requires the successful completion of 5 entry-to-major courses: ACCTG 211, ECON 102, ENGL 15, or ENGL 30H, MATH 110 or MATH 140, STAT 200 or SCM 200. Each course requires a C or better grade for successful completion.

Degree Requirements

For the Bachelor of Science degree in Project and Supply Chain Management, a minimum of 120 credits is required:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>45</td>
</tr>
<tr>
<td>Requirements for the Major</td>
<td>96</td>
</tr>
</tbody>
</table>

21 of the 45 credits for General Education are included in the Requirements for the Major. This includes: 6 credits of GQ courses; 6 credits of GS courses; 9 credits of GWS courses.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of coursework in the major to be taken at the location or in the college or program where the degree is earned.

Requirements for the Major

Each student must earn at least a grade of C in each 300- and 400-level course in the major field.

To graduate, a student enrolled in the major must earn a grade of C or better in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/).

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<thead>
<tr>
<th>Code</th>
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<tr>
<td>PSU 7</td>
<td>First-Year Seminar Behrend</td>
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<tr>
<td>ACCTG 211</td>
<td>Financial and Managerial Accounting for Decision Making</td>
<td>4</td>
</tr>
<tr>
<td>CAS 100</td>
<td>Effective Speech</td>
<td>3</td>
</tr>
<tr>
<td>ECON 102</td>
<td>Introductory Microeconomic Analysis and Policy</td>
<td>3</td>
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<td>ECON 104</td>
<td>Introductory Macroeconomic Analysis and Policy</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 202D</td>
<td>Effective Writing: Business Writing</td>
<td>3</td>
</tr>
<tr>
<td>FIN 301</td>
<td>Corporation Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 301</td>
<td>Basic Management Concepts</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 341</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 418</td>
<td>Project Planning and Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MIS 204</td>
<td>Introduction to Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 301</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>SCM 301</td>
<td>Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>SCM 445</td>
<td>Operations Planning and Control</td>
<td>3</td>
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<tr>
<td>SCM 460</td>
<td>Purchasing and Materials Management</td>
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Additional Courses

- BA 241 Legal Environment of Business
- BA 242 Social and Ethical Environment of Business
- BA 243 Social, Legal, and Ethical Environment of Business
General Education

Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

Foundations (grade of C or better is required and Inter-Domain courses do not meet this requirement.)
- Quantification (GQ): 6 credits
- Writing and Speaking (GWS): 9 credits

Breadth in the Knowledge Domains (Inter-Domain courses do not meet this requirement.)
- Arts (GA): 3 credits
- Health and Wellness (GHW): 3 credits
- Humanities (GH): 3 credits
- Social and Behavioral Sciences (GS): 3 credits
- Natural Sciences (GN): 3 credits

Integrative Studies
- Inter-Domain Courses (Inter-Domain): 6 credits

Exploration
- GN, may be completed with Inter-Domain courses: 3 credits
- GA, GH, GN, GS, Inter-Domain courses. This may include 3 credits of World Language course work beyond the 12th credit level or the requirements for the student's degree program, whichever is higher: 6 credits

University Degree Requirements

First Year Engagement
All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3 credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

Cultures Requirement
6 credits are required and may satisfy other requirements
- United States Cultures: 3 credits
- International Cultures: 3 credits

Writing Across the Curriculum
3 credits required from the college of graduation and likely prescribed as part of major requirements.

Total Minimum Credits
A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

Quality of Work
Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

Limitations on Source and Time for Credit Acquisition
The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or
within time constraints (see Senate Policy 83-80 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80)). For more information, check the Suggested Academic Plan for your intended program.

Program Learning Objectives

- **CRITICAL AND INTEGRATIVE THINKING:** Students will be able to think critically across business disciplines by considering different perspectives and using an integrated, holistic approach to perform relevant analyses, construct valid arguments, and make appropriate conclusions.

- **ORAL COMMUNICATION:** Students will be able to execute the oral communication skills that they have learned in the interactive business courses to business situations where effective explanation, persuasion, exchanging information and ideas are essential.

- **WRITING COMPETENCE:** Students will be able to demonstrate effective business writing skills.

- **TEAMWORK:** Students will be positive contributors to an effective team functioning via application of their functional skills in addition to strong interpersonal skills.

- **ETHICS AND SOCIAL RESPONSIBILITY:** Students will be able to recognize ethical issues and apply ethical theories in business situations at individual and/or organizational levels.

- **FUNCTIONAL AREA KNOWLEDGE (ETS):** Students will be able to apply foundational knowledge to analyze and solve problems and interpret written and visual material across various business domains.

- **FUNCTIONAL AREA KNOWLEDGE (ACCOUNTING):** Students will be able to demonstrate a broad general knowledge of the principles of accounting, both managerial and financial.

- **FUNCTIONAL AREA KNOWLEDGE (ECONOMICS):** Students will be able to demonstrate a broad general knowledge of the principles of economics, both microeconomics and macroeconomics

- **FUNCTIONAL AREA KNOWLEDGE (FINANCE):** Students will be able to demonstrate a broad general knowledge of the principles of finance.

- **FUNCTIONAL AREA KNOWLEDGE (MIS):** Students will be able to describe the benefits and challenges of applying information technology in various organizations and functional areas.

- **FUNCTIONAL AREA KNOWLEDGE (INTERNATIONAL BUSINESS):** Students will be able to apply basic multidisciplinary knowledge needed to conduct international business and analyze the impact of globalization.

- **FUNCTIONAL AREA KNOWLEDGE (LEGAL ENVIRONMENT):** Students will be able to identify key terms, concepts, and theories of the law, evaluate how law affects business, analyze legal issues, and apply the law to business situations.

- **FUNCTIONAL AREA KNOWLEDGE (MANAGEMENT):** Students will be able to demonstrate a broad knowledge of the business discipline of management.

- **FUNCTIONAL AREA KNOWLEDGE (MARKETING):** Students will be able to demonstrate comprehensive knowledge in the field of marketing.

- **FUNCTIONAL AREA KNOWLEDGE (QUANTITATIVE BUSINESS ANALYSIS):** Students will be able to demonstrate a broad knowledge of quantitative business analysis.

- **FUNCTIONAL AREA KNOWLEDGE (SUPPLY CHAIN MANAGEMENT):** Students will be able to demonstrate a broad knowledge of supply chain management.

**Academic Advising**

The objectives of the university’s academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and-out of-class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee’s unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/32-00-advising-policy/)

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William Gardner
Assistant Teaching Professor
Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2024-25 academic year. To access previous years’ suggested academic plans, please visit the archive (https://bulletins.psu.edu/undergraduate/archive/) to view the appropriate Undergraduate Bulletin edition.

Project and Supply Chain Management, B.S. at Erie Campus

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

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<thead>
<tr>
<th>Fall Credits</th>
<th>Spring Credits</th>
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<td>ENGL 15 or 30H‡#/†</td>
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<td>MATH 110 or 146‡#/†</td>
<td>4 ECON 102‡#/†</td>
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<tr>
<td>General Education Course³</td>
<td>3 MIS 204*</td>
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<td>General Education Course³</td>
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<td>General Education Course (GHW)³</td>
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Second Year

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<tr>
<td>ACCTG 211*§</td>
<td>4 ENGL 202D‡†</td>
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<tr>
<td>ECON 104‡†</td>
<td>3 FIN 301*</td>
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<tr>
<td>SCM 200‡#/†</td>
<td>4 MGMT 301*</td>
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<td>General Education Course³</td>
<td>3 MKTG 301*</td>
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<td>1.5 SCM 301*</td>
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| 15.5 | 15 |

Third Year

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<th>Fall Credits</th>
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<tr>
<td>BA 241 &amp; BA 242</td>
<td>4 MGMT 415*</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 410*</td>
<td>3 SCM 460*</td>
<td>3</td>
</tr>
<tr>
<td>SCM 445*</td>
<td>3 Approved Elective²</td>
<td>3</td>
</tr>
<tr>
<td>Approved Elective²</td>
<td>3 International Business Course (IL)*</td>
<td>3</td>
</tr>
</tbody>
</table>

| 15.5 | 15 |
Careers

Employers of recent B.S. in Project and Supply Chain Management graduates include Logistics Plus, Parker Hannifin, Bechtel Plant Machinery, American Eagle, Frito Lay, FairPoint Communications, Pitney Bowes, Spyne, General Electric, Wabtec Railway Electronics, Business Resource Group, Modern Industries, Eddie Bauer, Ferguson Enterprises, Unisys, Eastman Kodak, Tyco Electronics, and IBM.

Opportunities for Graduate Studies

The B.S. in Project and Supply Chain Management can be a starting point for master's- and doctoral-level study of supply chain management, project management, management science, law, organizational behavior, corporate strategy, enterprise architecture, information technology, or another specialized discipline.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

1 Please see your academic adviser for approval before scheduling your course.

2 In order for a course to be eligible for an Approved Elective, the course can not be a lower level ENGL (1-6) or MATH (2-41) OR a GHW designated course. Please see your academic adviser if you have a question on a specific course.

3 All students are required to fulfill 45 credits of General Education courses. More information about this requirement can be found on the Baccalaureate Degree General Education Requirements page in the Bulletin (https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/).

Contact

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state-online-project-and-supply-chain-management-bachelor-of-science-degree/)

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https://beaver.psu.edu/academics/majors/pscm (https://beaver.psu.edu/academics/majors/pscm/)

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https://fayette.psu.edu/academics/baccalaureate/project-and-supply-chain-management (https://fayette.psu.edu/academics/baccalaureate/project-and-supply-chain-management/)

**Greater Allegheny**
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412-675-9055
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https://greaterallegheny.psu.edu/academics/degree-programs/project-supply-chain-management (https://greaterallegheny.psu.edu/academics/degree-programs/project-supply-chain-management/)

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https://harrisburg.psu.edu/business-administration/supply-chain-management-bs (https://harrisburg.psu.edu/business-administration/supply-chain-management-bs/)

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https://hazleton.psu.edu/project-supply-chain-management (https://hazleton.psu.edu/project-supply-chain-management/)

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https://lehighvalley.psu.edu/academics/degrees/project-supply-chain-management (https://lehighvalley.psu.edu/academics/degrees/project-supply-chain-management/)

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1 Campus Drive
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717-749-6050
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https://montalto.psu.edu/academics/bachelors/project-supply-chain-management-degree (https://montalto.psu.edu/academics/bachelors/project-supply-chain-management-degree/)

**New Kensington**
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https://newkensington.psu.edu/academics/4-year-project-supply-chain-management-sap-certificate (https://newkensington.psu.edu/academics/4-year-project-supply-chain-management-sap-certificate/)

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https://scranton.psu.edu/academics/degrees/bachelors/project-supply-chain-management (https://scranton.psu.edu/academics/degrees/bachelors/project-supply-chain-management/)

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