

Graduate Programs in Supply Chain Management

PennState World Campus

A world of possibilities. Online.

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"Penn State's highly regarded online Master of Supply Chain Management (MSCM) program and certificates offer professionals a great opportunity to advance their knowledge and career prospects. Our team-based, practical, case-focused supply chain management curriculum leverages the industry and academic experience of award-winning instructors. You'll learn in collaboration with other professionals whose industry experience ranges from small start-ups to global corporations. Our courses draw upon your professional experience and enhance your personal network connections. This diversity of learner perspectives provides both breadth and depth to our end-to-end supply chain management curriculum. We invite you to join supply chain programs that are second to none and to become part of the proud network of Penn State alumni worldwide."

— Dr. Charles F. Nicholson
Clinical Professor of Supply Chain Management
Academic Director, Master of Supply Chain Management Program
Penn State Smeal College of Business

Online Supply Chain Management Programs

Earn a respected Master of Supply Chain Management or Graduate Certificate in Supply Chain Management or Supply Chain Risk Management, all offered online through Penn State World Campus in partnership with Penn State's highly ranked Smeal College of Business.

These programs, delivered in a convenient online format, are designed specifically for working professionals, allowing you to engage in problem-based, collaborative learning with expert faculty and motivated peers.

Improve your ability to manage industry challenges, including:

- digital transformation/supply chain 4.0
- resilience and risk management
- supply chain leadership development
- end-to-end supply chain visibility
- supply chain analytics
- supply chain design
- cybersecurity

worldcampus.psu.edu/scm



Master of Supply Chain Management

The 30-credit online master's program is grounded in best business practices and emerging trends. The curriculum enables you to examine supply chain processes, including managing information technology–enabled logistics and crafting strategic supply chain plans.

This program allows for a high degree of customization by the student with 20 percent of the course work coming from electives, both in supply chain management and other business-related fields. As a student in the program, you will use case studies, analyses, and problem-solving techniques in your study of supply chain management.

Curriculum

Core Courses

- Supply Chain Management
- Supply Chain Performance Metrics and Financial Analysis
- Supply Management
- Operations Management and Demand Fulfillment

Advanced Core Courses

- Supply Chain Analysis
- Emerging Topics in Supply Chain Management
- Supply Chain Design and Strategy
- Supply Chain Transformation and Innovation

Electives (2 courses)

Select from a list of courses in supply chain management as well as other business fields of study, including business analytics, corporate innovation, strategic leadership, business sustainability strategy, negotiation, and more.

worldcampus.psu.edu/scm

"The Penn State World Campus supply chain master's program has worked for me and my family and has been a great experience. The professors are top-notch and have taught me a lot. Being out of school for a number of years, I received amazing support if I had any questions or concerns diving back into it."

— Nate T., current student

"I picked the Penn State MSCM program due to its high ratings. I work in transportation and wanted to gain greater insight into how our customers are thinking about their supply chain, what the industry is trending toward, and how transportation fits into that. This program certainly delivered that for me, bringing me a much broader perspective that is allowing me to dive deeper with my customers and communicate internally with greater insight into how we can be a better partner."

— Bobby S., Master of Supply Chain Management '23

Develop Contemporary Expertise at the Frontiers of Supply Chain Management

In the core Emerging Topics in Supply Chain Management course, you will explore how supply chains are rapidly evolving to create new challenges and opportunities. Examples of recent topics include:

- resilience, risk, and geopolitics
- visibility and digital twins
- regionalization, nearshoring, and network design
- robotics, automation, and autonomous operations
- generative AI and agentic AI
- predictive analytics and decision intelligence
- cybersecurity and digital risk
- data governance, ethics, and responsible AI
- workforce transformation and change management
- sustainability, ESG, and circular economy

This course can help you gain the skills necessary to keep up with cutting-edge advancements in supply chain management throughout the course of your career.

Heather Lutz, Ph.D.
Associate Clinical Professor of
Supply Chain Management,
Emerging Topics in
Supply Chain Management
Course Instructor
Penn State Smeal College of Business



Graduate Certificate in Supply Chain Management

Improve your understanding of supply chain management as a student in this 12-credit online graduate certificate program. You can apply your new skills and knowledge at your job while you're learning about strategic procurement, demand fulfillment, supply chain planning, network design processes, and supply chain information systems.

Curriculum

The certificate consists of four courses, which can be completed in as few as two semesters:

- Supply Chain Management
- Supply Chain Performance Metrics and Financial Analysis
- Supply Management
- Operations Management and Demand Fulfillment

Two Credentials, One Degree

Because the 12-credit Graduate Certificate in Supply Chain Management consists of four courses needed for the Master of Supply Chain Management, you can begin your education by pursuing the certificate and then choose to continue and apply to the degree program. This will allow you to add a quality credential to your résumé even before completing your master's degree.

Graduate Certificate in Supply Chain Risk Management

This 12-credit certificate looks at all the risks in the supply chain: physical risk, security risk, information security. Because of the risk in cybersecurity, students will receive a foundation of cybersecurity tools and information. This certificate targets existing gaps in supply chain and security education and incorporates extra topics such as business continuity planning and supply chain resilience, providing a “how, what, why” deep-dive into these areas.

Curriculum

The certificate consists of four courses:

- Supply Chain Management
- Managing Supply Chain Risk and Resiliency
- Foundations of Cybersecurity
- Crisis, Disaster, and Risk Management

Nine credits from the certificate can apply toward a Master of Supply Chain Management, an MBA, or a Master’s in Corporate Innovation and Entrepreneurship with application and acceptance into a degree program.





Network with the Best

Collaborative Learning

Many courses in the supply chain management programs include small-group projects to encourage peer interaction and to build an online learning community among the students. These projects simulate real-world business environments, where you may frequently work in small teams to solve problems, and help prepare you to design and lead the future's most effective supply chains.

You will use case studies, experiential learning simulations, discussion forums, and problem-set exercises to analyze current issues and best practices in demand fulfillment, procurement, operations and supply chain design, integration, collaboration, innovation, leadership, and transformation.

The Diversity of Your Peers

Penn State's supply chain management programs bring together high-caliber students from many growing industries. As an online learner, you will have the opportunity to network with individuals from across the country and around the globe. You can learn strategies top supply chain professionals are implementing in their industries that may work for your own supply chain system.

Penn State's supply chain programs bring together students from many industries, including:

- aerospace
- chemicals
- consumer products
- defense/military
- electronics/telecommunications
- health care
- manufacturing
- pharmaceuticals
- transportation/distribution

Why Penn State?

Accredited and Acclaimed

The online programs in supply chain management are offered in partnership with Penn State's Smeal College of Business, an AACSB-accredited institution — the highest standard of achievement for business schools, worldwide. *U.S. News & World Report* has consistently ranked the Penn State Smeal College of Business supply chain management graduate program among the top in the nation. Penn State is accredited by the Middle States Commission on Higher Education. Your Penn State education will be highly respected anywhere in the world.

AACSB ACCREDITED

Faculty Expertise

All of the courses in these online programs are designed and taught by Penn State professors who combine academic expertise with cutting-edge industry experience. Enrolling in this program will give you access to faculty known for their exceptional credentials and leading research in the supply chain management field. Their goals are to understand your career interests and meet your academic needs.

Reputation

Having a Penn State degree on your résumé is a great way to broaden your career options and prove to current and potential employers that you are a well-educated professional. Corporate recruiters have recognized Penn State students as being some of the best-prepared and academically well-rounded students in the country. No distinction is made on your official Penn State transcript or diploma that your courses were completed online.

"As a project manager, I interfaced with our supply chain group and found it calling out to me for a career change. I decided to pursue a master's in SCM, and Penn State's reputation, curriculum, and online option were hard to beat. This program has helped me secure a position on the supply chain team and has improved my skills in operations, analytics, teamwork, and finance to make me a better contributor to my company. World Campus is also an ideal choice for working professionals, and I am glad I had this opportunity."

— Art K., Master of Supply Chain Management '24

The Penn State Difference

Experience in Distance Education

As a distance education pioneer, Penn State has developed a nationally recognized support system for students who are geographically removed from campus. With our professional team of Penn State instructors, academic advisers, technical support experts, and student support representatives, we'll help you get where you want to go — successfully — through distance education.

Military and Veteran Students

We have aligned our online programs, student support services, policies, and procedures to support military personnel, veterans, and military family members. Applicants who are in the military may qualify for an application fee waiver. Contact us at **scm@smeal.psu.edu** to request a waiver.

An Exceptional Student/Alumni Body

Whether you take our courses online or in a traditional classroom, you become a "Penn Stater," who is part of:

- an institution with more than 150 years of excellence in teaching, research, and service
- a proud network of more than 800,000 alumni located around the world, with representation in hundreds of professions. Take advantage of our vast alumni network to help you advance your career.

Library Services

As a Penn State World Campus student, you will have access to the Penn State University Libraries system. The University Libraries' collection is nationally recognized among academic research libraries with hundreds of online research databases, thousands of scholarly journals (many available online and in full text), and millions of materials including books, eBooks, maps, CDs, DVDs, and more available to you through our online catalog, databases, and document delivery services.



Begin Your Application Today

Admissions decisions for the Master of Supply Chain Management, the Graduate Certificate in Supply Chain Management, and the Graduate Certificate in Supply Chain Risk Management are based on a review of the complete application portfolio. Applications are accepted on a rolling basis.

Application Materials

- completed graduate school application and fee, including official transcripts from all institutions
- TOEFL or IELTS score, if applicable
- résumé, one to two pages
- statement of purpose
- short-form responses
- no GRE/GMAT required



For application deadlines and up-to-date details about the programs and admissions process, visit: **worldcampus.psu.edu/scmm** (master's degree), **worldcampus.psu.edu/scmgc** (graduate certificate), or **worldcampus.psu.edu/scrmgc** (graduate certificate).

Did You Know?

- Penn State credits and degrees earned online are identical to those earned on campus.
- Penn State World Campus has enrolled students from all 50 states and all 7 continents.



Contact Us

Program Questions

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Admissions Questions

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