

MASTER OF SCIENCE IN GLOBAL SUPPLY CHAIN MANAGEMENT

The Master of Science in Global Supply Chain Management (MSGSCM) program at the Mitch Daniels School of Business builds upon Purdue's core strength in supply chain and operations management, combined with a broad set of elective options that allows students to customize their path.

Whether you choose to hone your technical skills with classes in artificial intelligence, enterprise resource planning (ERP), and data analytics, or opt for people-focused options like negotiations, change management, and storytelling with data, you'll be well-positioned for a career managing global supply chains.

Students may complete the program with a co-op internship if desired. 1-, 2-, and 3-term co-ops are available. On Purdue's dynamic and innovative campus, you'll have opportunities for consulting projects, plant tours, networking nights, leadership opportunities and social events to build your professional network and experience.



DEGREE EARNED

Master of Science



LENGTH

12, 18 or 24 months
Fall or Spring Start



FORMAT

In Residence



WORK EXPERIENCE

Avg. 4 years



FEES

[View Current Rates](#)

PROGRAM HIGHLIGHTS

85%

EMPLOYMENT RATE WITHIN 6
MONTHS OF GRADUATION

(Class of 2025)

75%

PARTICIPATED IN A PAID INTERNSHIP

(Class of 2024)

\$93,460

AVERAGE SALARY

(Class of 2025)

- Study a STEM-designated curriculum to earn STEM OPT extension and curriculum-practical training (CPT) in the form of co-op internships
- Take a wide selection of courses developed by Daniels School faculty who teach in the school's elite operations programs
- Participate in faculty-directed summer experiential learning projects with global corporate partners
- Enjoy a paid Council of Supply Chain Management Professionals (CSCMP) student membership and admission to the CSCMP Chicago Seminar
- Experience learning opportunities with the Dauch Center for the Management of Manufacturing Enterprises (DCMME)
- Get training and support for leading supply chain software tools such as SAS Forecasting and Optimization, SAP S/4HANA, and PowerBI

MORE INFORMATION

businessgrad@purdue.edu

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CLASS PROFILE

Undergraduate Majors*

- Accounting
- Agriculture
- Business Administration
- Computer Science & Engineering
- Economics
- Electrical Engineering
- Finance
- Industrial Engineering
- Mechanical Engineering
- SC Information & Analytics
- Supply Chain & Operations Management

**Not a complete list.*

Top Employers

- ABB
- Amazon
- Collins Aerospace
- Cummins
- Discover
- Elanco
- Eli Lilly
- Microsoft
- Subaru
- Tesla

Average Starting Salary

- \$93,460

Geography

- Illinois
- Massachusetts
- Ohio
- Texas
- Canada
- China
- India
- Pakistan
- Panama
- Singapore
- Taiwan

#15

MS IN SUPPLY CHAIN MANAGEMENT

QS, 2025

#5

PRODUCTION/OPERATIONS
MANAGEMENT

U.S. News & World Report, 2025

Master's Programs

Global Supply Chain Management

CURRICULUM

30 total required credits

Core Courses (16 credits)

- Experiential Learning or Internship
- Global Supply Chain Management
- Introduction to Operations Management
- Logistics
- Strategic Sourcing and Procurement
- Supply Chain Analytics
- Supply Chain Management

GSCM Elective Options (8 credits)

- Advanced Business Analytics*
- Ethical & Sustainable Supply Chain Management
- Management of Organizational Data
- Management of Service Operations
- Intelligent Manufacturing Management
- Manufacturing Strategy & Process Innovation
- Project Management
- Python Programming
- Storytelling with Data
- Supply Chain Technology
- Using R for Analytics

General Business Elective Options (6 credits)

- Accounting for Managers
- Analyzing Unstructured Data
- Big Data
- Data Mining
- Financial Management
- Financial Modeling
- Investments
- Marketing Management
- Negotiations in Organizations
- Portfolio Management
- Pricing Strategies & Analysis
- Strategic Management
- Web Data Analytics

Students may take any graduate-level course offered in the Daniels School of Business to fulfill elective credit. Courses offered by other colleges at Purdue require approval of the Academic Director.

*Students may not register for MGMT 670 Business Analytics as the content too closely aligns with MGMT 568. Please take MGMT 672 (Advanced Business Analytics) as an alternative.

Please note: Course offerings are subject to change. For a complete list, please refer to catalog.purdue.edu

For more information and course descriptions visit

business.purdue.edu/masters/programs/ms-global-supply-chain-management/curriculum



The coursework focused on providing quantitative and qualitative toolkits and frameworks to address practical issues found in the industry. Also, it helped me develop critical thinking abilities and to view challenges from a strategic and detailed perspective that will guide me to communicate effectively with senior leadership and team members."

UTHAYAN ARUL

Global Supply Manager, Tesla
MSGSCM '23

July 2026