RUTGERS

Rutgers Business School
Newark and New Brunswick

Master of Science in Supply Chain Analytics

Master analytics, navigate the industry and become a data-driven leader

This program is a STEM-designated degree program

Recent trends in big data and analytics are changing the way supply chains are managed around the globe. Market surveys reveal significant shortages of talent possessing both supply chain knowledge and analytics skills. **The Master of Science in Supply Chain Analytics (MSCA)** at Rutgers Business School is a forward-looking program that addresses these emerging trends by preparing graduates who can integrate and apply analytics to generate significant value for supply chains.

The program is housed in the highly ranked Department of Supply Chain Management at Rutgers Business School. It provides rigorous training, hands-on experience and industry recognized certificates (SAP, Lean Six Sigma, etc.), affording students a competitive advantage in one of the fastest growing and best compensated job markets.

Faculty Profile: Weiwei Chen

Dr. Chen's research interest lies in supply chain operations planning and scheduling, interface of supply chain operations and finance, and intermodal transportation. He also works on simulation and randomized global optimization methodologies, and uses business analytics in solving practical problems in smart grid and healthcare operations. Dr. Chen received his Ph.D. degree in Industrial Engineering from the University of Wisconsin-Madison, and the M.S. and B.S. degree from Tsinghua University, Beijing, China. Prior to joining Rutgers Business School, he was a Scientist at GE Global Research, NY, solving various problems from GE businesses, collaborators and customers, such as GE Energy, GE Aviation, Lockheed Martin and electric utility companies.

Classes will be held at 100 Rockafeller Rd in New Brunswick, 40 minutes to NYC.

business.rutgers.edu/supply-chain-analytics

Curriculum

For supply chains to run smoothly, they need savvy, data-driven decision makers who can communicate well. Our curriculum is built to help you be that person. You'll find the ideal balance of hard, analytical data skills and generalized supply chain domain knowledge, as well as leadership and management opportunities with practical application. Some courses also offer you the opportunity to earn professionally-recognized certificates that will help advance your career.

Sampling of Courses

- Operations Analysis

- Data Analysis and Decision Making

- Analytics for Business Intelligence

- Management Skills - Professional Development

- Global Procurement and Supply Management or Supply Chain Finance

- Introduction to Project Management

- Lean Six Sigma

- Supply Chain Solutions with SAP

- Supply Chain Analytics

Impact business operations and outcomes through the use of supply chain analytics

Program Quick Facts

Program: Full-time | Part-time

Credits: 36 credits

Application Deadlines: Spring: Dec. 1 | Fall: Jun. 15

GRE or GMAT: Requests for GMAT/GRE waivers will be considered by the program director on a case by case basis taking into account level of prior relevant work experience and level and relevance of prior academic preparation.

Program Cost (Estimate):

Full Time:
$13,158.50 (NJ Resident) | $22,844.50 (out-of-state)

Part Time:
$1,097 per credit (NJ Resident)
$1,904 per credit (International)

How to Apply

Apply online:
business.rutgers.edu/supply-chain-analytics/admissions

Please visit business.rutgers.edu to learn about upcoming information sessions and open houses.

Contact

Phone: 973-353-1234
Email: admit@business.rutgers.edu

Admissions

The program targets seasoned supply chain professionals who hope to advance their careers with analytics skills as well as new graduates in business, sciences, engineering, statistics, economics and related disciplines, who wish to impact business operations and outcomes through the use of supply chain analytics.

"Since working in supply chain for the past 5 years, I've learned that analytics is the future. I chose this program because I believe it's going to help me boost my career and become a better supply chain professional."

– Asad Nadir,
current Supply Chain Analytics student