

FALL
2025

DATA SCIENCES + OPERATIONS

DSO 506

SOURCING AND SUPPLIER MANAGEMENT

16223: Tue/Thu | 2:00 PM – 3:20 PM
16224: Thu | 6:30 PM – 9:30 PM (ONLINE)

Instructor: Alireza Kabirian

 kabirian@marshall.usc.edu

Units: 1.5 Office: BRI 307 E

WHY TAKE THIS COURSE?



In today's fast-evolving business landscape, where globalization, tariffs, geopolitical risks, and shifting trade routes constantly reshape supply chains, strong supplier relationships and smart sourcing strategies are more critical than ever. This course is perfect for students pursuing careers in supply chain management, consulting, or operations, offering hands-on tools and strategic frameworks to tackle complex, real-world procurement challenges.

COURSE OBJECTIVES



Master the skills to make strategic sourcing decisions, manage suppliers, analyze costs, and mitigate procurement risks. Through case studies and real-world applications, students learn to develop effective sourcing strategies.

KEY CONCEPTS



- Purchasing and supplier management
- Cost analysis
- Total cost of ownership
- Prices and contracts
- Procurement risks
- Supplier selection and evaluation
- Global sourcing
- Dual sourcing
- Environmental and social issues in sourcing and purchasing

COURSE DESCRIPTION



Covers the fundamentals of sourcing, supplier selection, procurement risks, and managing supplier relationships, with a focus on sustainability. We use games, cases, and real-world stories to explore how sourcing decisions impact supply chain strategy and business operations.



[SCHEDULE OF CLASSES](#)