



The Operations and Supply Chain Major

at the Darla Moore School of Business

Operations and supply chain is a good fit for students who:

- Like analyzing business problems and finding new, creative and practical solutions
- Enjoy learning through real-life, hands-on experience
- Are analytical and logical thinkers
- Enjoy working in teams

Potential career pathways include:

- Business analysis
- Production planning and control
- Inventory management
- Process improvement
- Procurement
- Service operations
- Entrepreneurship
- Consulting

Operations and supply chain majors at the Moore School are trained in operations management, business process improvement, sourcing, quality control, distribution, logistics and supply chain management. Operations and Supply Chain majors find attractive careers in global manufacturing firms in production/operations, sourcing, quality control, distribution, logistics and supply chain management; in service firms for general operations management and logistics/supply chain management; and in consulting firms as supply chain and business process improvement consultants.

Operations and supply chain employers include **3M, ABB, Accenture, Amazon, Bank of America, BMW, Boeing, Bosch, Carolinas Healthcare System, Coca Cola, Continental Tire, Cummins, Daimler Mercedes Benz, Dell, Delta Airlines, Deloitte, Eastman Chemical, Eaton, Ernst & Young, GE, Grainger, Goodrich-UTC, IBM, Ingersoll Rand, Intel, Johnson & Johnson, Lockheed, L'Oreal, Manhattan Associates, McKinsey Consulting, Michelin, NCR, Northrop Grumman, PricewaterhouseCoopers, Raytheon, Rolls Royce, Siemens, Sonoco, Target, Tesla, Textron Specialized Vehicles** and **Wells Fargo**.

According to a recent USC Career Center survey, the average starting salary for Moore School operations and supply chain graduates is **\$59,903**.

Major Requirements:

Students pursuing an operations and supply chain degree must complete 18 hours, including:

- **MGSC 485:** Business Process Management
- **MGSC 486:** Service Operations Management
- **MGSC 487:** Global Sourcing Strategies and Application

- **MGSC 491:** Supply Chain Management
- **MGSC 497:** GSCOM Capstone Project or **MGSC 495:** Supply Chain Planning and Control

Students also complete a minor or approved course of directed study.

Note that these are the 2017-18 major requirements and are subject to change as the school regularly updates its curriculum in response to the evolving needs of the business community.



Supply Chain Business Analytics Concentration

Students may add the supply chain business analytics concentration to their degree. This concentration requires four additional analytics courses, which are specified by the management science department.

The operations and supply chain major provides you with the competencies to systematically analyze and improve business processes in manufacturing, health care, services and their supply chains.

The Moore School's undergraduate operations and supply chain program is currently ranked No. 7 in the nation and has one of the nation's best job placement rates. Key strengths of the program include outstanding faculty, a curriculum that is regularly updated to reflect the latest industry trends and extensive opportunities for students to gain hands-on operations and supply chain experience.

Operations and Supply Chain Beyond the Classroom

Extracurricular areas to enhance your operations and supply chain degree include:

- **Community Service** – Some operations and supply chain courses (MGSC 394, MGSC 485, MGSC 486) include community service components in the curriculum
- **Diversity and Social Advocacy** – Beta Alpha Psi, Net Impact, Diversity and Inclusion Council, Women in Business Council
- **Global Learning** – Some operations and supply chain courses (IBUS 441, 443, 444, 490A, 490G, 490J, 490N) include global learning components in the curriculum
- **Peer Leadership** – Beta Alpha Psi, Society of Supply Chain Operations Excellence, Beta Gamma Sigma business honor fraternity, Moore School Student Ambassadors
- **Professional Practice** – Beta Alpha Psi, Consulting Club, Business Analytics Club, Alpha Kappa Psi
- **Research** – Some operations and supply chain courses (MGSC 497) include research components in the curriculum

Work in many of these extracurricular areas can contribute to one or more of the paths to Graduation with Leadership Distinction. Find out more at http://sc.edu/about/initiatives/usc_connect

Operations and Supply Chain Spotlight: Lean Six Sigma Green Belt Certificate/APICS course work

The Moore School's operations and supply chain program is the only academic program in the nation that offers students the opportunity to earn an industry-validated Lean Six Sigma Green Belt certification. Earning Green Belt certification signals to employers that you are highly trained in the Six Sigma process improvement protocol that is in wide use in many industry sectors. Most operations and supply chain managers earn the Green Belt while on the job. Moore School operations and supply chain students who graduate with the Green Belt are prepared to bring added value to their employers from day one.

As an alternative, students may also enroll in our APICS professional certification preparatory program. This program delivers the first four-fifths of a curriculum that has been used to educate more than 75,000 professionals on essential terminology, concepts and strategies related to demand management, procurement and supplier planning, capacity requirements planning, master scheduling, performance measurements, supplier relationships, quality control, and continuous improvement. Students graduate prepared to pass the first four modules of the APICS certification, "Certified in Production and Inventory Management."

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