

Master of Science in Supply Chain Management

EXCEPTIONAL MANAGEMENT of the production and delivery of a firm's products and services – its supply chain – is absolutely critical, especially in today's challenging economic environment. Manufacturing and service organizations alike compete, in part, on the strength of their supply chain.

Disruptions in any link of a supply chain can have disastrous consequences. And mastery of this extremely complex set of tasks and functions can be a decisive source of strategic competitive advantage.

OLIN BUSINESS SCHOOL'S MASTER OF SCIENCE IN SUPPLY CHAIN MANAGEMENT (MS/SCM) EQUIPS GRADUATES TO STAND OUT IN THIS CHALLENGING AND CRITICALLY IMPORTANT CAREER FIELD.



Numerous top organizations seek out Olin graduates for careers in supply chain management, including:

- BOSTON SCIENTIFIC
- DIAGEO
- EMERSON
- HARBOUR GROUP
- HEWLETT-PACKARD
- IBM CONSULTING
- LENOVO
- MARS
- MCMASTER-CARR SUPPLY COMPANY
- MEAD JOHNSON NUTRITIONALS
- RAYTHEON
- SIGMA-ALDRICH
- TARGET
- THE BOEING COMPANY
- U.S. DEPARTMENT OF DEFENSE
- WORLD WIDE TECHNOLOGY

“Pursuing my MS/SCM degree at Olin has been an incredibly valuable investment. The cutting-edge curriculum and practical experience gained has given me a decisive edge in the job market. Olin's warm and welcoming atmosphere helped me forge relationships with some of the most knowledgeable and talented people I've ever met.”



Nicole Su, MS/SCM 2011
Process & Capabilities Manager
Hewlett-Packard in Singapore

PROGRAM HIGHLIGHTS

This intensive 36-credit hour program brings together faculty renowned for their work in risk management and supply chain research, a cutting-edge curriculum, and industry collaboration.

- Gain a deep understanding of the fundamental concepts of **logistics, supply chain, change management, innovation, project management and integrated risk management.**
- Develop a **broad, cross-functional managerial perspective** from within an organization as well as with external partners, including supplies and customers.
- **Utilize state-of-the-art tools** for designing and managing world-class supply chains.
- Engage in experiential learning simulations, negotiation exercises and case studies.
- Apply your skills and knowledge in **hands-on projects** for corporate partners of Olin's Boeing Center for Technology, Information and Manufacturing (BCTIM).

“Supply Chain develops competencies that propel the best managers to the highest executive positions. The MS/SCM program at Olin prepares the next generation of supply chain leaders by combining a rigorous academic curriculum with hands-on experience through applied research projects with business partner firms. This provides our graduates with a unique competitive advantage.”

SERGIO CHAYET, PHD, ACADEMIC DIRECTOR



Prior work experience is recommended, though not required, for admission to the program. **Accommodations can be made for applicants who are working professionals and would like to pursue the program on a part-time basis.** Tuition for the 2011-12 academic year is \$1,390 per credit hour. Students may be required to enroll in foundations courses upon entering the MS/SCM program in August.

SUMMER SEMESTER (AUGUST) — FOUNDATIONS COURSES (6 CREDITS)

- FIN 510 INTRODUCTION TO FINANCE (2)
 - ACCT 560 INTRODUCTION TO FINANCIAL ACCOUNTING (2)
 - OMM 510 OPERATIONS MANAGEMENT FOUNDATIONS (2)
- THESE COURSES MAY BE WAIVED BASED ON ACADEMIC BACKGROUND.*

36 CREDITS TOTAL

COURSES THAT ARE 1.5 CREDITS ARE A HALF SEMESTER IN LENGTH

FALL SEMESTER — (18 CREDITS)

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| <p>FALL A</p> <ul style="list-style-type: none"> OMM 576 FOUNDATIONS OF SC MANAGEMENT (1.5) MKT 579G CONTEMPORARY MARKETING CHANNELS (1.5) OR MGT 534 CORPORATE STRATEGY (1.5) IN FALL B | <p>FALL B</p> <ul style="list-style-type: none"> OMM 572 STRATEGIC QUALITY MANAGEMENT (1.5) MGT 550B MANAGING THE INNOVATION PROCESS (1.5) MGT 534 CORPORATE STRATEGY (1.5) OR MKT 579G CONTEMPORARY MARKETING CHANNELS (1.5) IN FALL A |
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- OMM 500D PROJECT MANAGEMENT (3)
 - OMM 558 ADVANCED OPERATIONS STRATEGY (3)
 - MEC 537 DATA ANALYSIS, FORECASTING & RISK ANALYSIS (3)
 - MGT 501 GLOBAL SUPPLY CHAIN & LOGISTICS SYSTEM DESIGN PROJECT PRACTICUM* (3)

SPRING SEMESTER — (18 CREDITS)

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| <p>SPRING A</p> <ul style="list-style-type: none"> OMM 577 IT & SUPPLY CHAIN MANAGEMENT (1.5) OMM 559 MANAGING GLOBAL BUSINESS PROCESS OUTSOURCING FOR COMPETITIVE ADVANTAGE (1.5) FIN 524 OPTIONS & FUTURES (1.5) OB 565 LEADING CHANGE (1.5) OB 561 NEGOTIATIONS & CONFLICT MANAGEMENT (1.5) OR MGT 528 (SEE BELOW) | <p>SPRING B</p> <ul style="list-style-type: none"> OMM 500E SUPPLY CHAIN RISK MANAGEMENT (1.5) OMM 573 OPERATIONS MANAGEMENT IN THE SERVICE INDUSTRY (1.5) ACCT 502 MANAGERIAL CONTROL SYSTEMS (1.5) MARKETING ELECTIVE** (1.5) |
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- MGT 528 CREATING EXCEPTIONAL VALUE: PERFORMANCE WITHOUT COMPROMISE (3)
 - OMM 554 OPERATIONS PLANNING & CONTROL (3)
 - OMM 500F ADVANCED TOPICS IN LOGISTICS & SUPPLY CHAIN MANAGEMENT (1.5)

*THE MGT 501 PRACTICUM EXPERIENCE CAN OCCUR DURING THE FALL SEMESTER, SPRING SEMESTER OR SUMMER TERM BASED ON PROJECT AVAILABILITY AND STUDENT INTEREST.
 **THE MARKETING ELECTIVE CAN BE TAKEN IN EITHER THE SPRING OR THE FALL.

APPLIED LEARNING OPPORTUNITIES

The Boeing Center for Technology, Information and Manufacturing (BCTIM) is a supply chain and technology research center at Washington University's Olin Business School that studies issues relating to business processes, technology and IT and their impact on the management of a firm's supply chain operations and those of its supply chain partners. BCTIM extends applied learning opportunities to Olin students, enabling them to impact global services as well as technological and manufacturing excellence. BCTIM's corporate partners include:

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| APL Logistics | MEMC |
| BJC Healthcare | Monsanto Company |
| Covidien | Renesas Technology |
| Emerson | Solutia Inc. |
| Express Scripts Inc. | The Boeing Company |



THE MS/SCM PROGRAM AT WASHINGTON UNIVERSITY'S OLIN BUSINESS SCHOOL

SERGIO CHAYET, PHD, ACADEMIC DIRECTOR

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