



Supply Chain Management Major

A new management style
with endless opportunity

SCM REQUIRED COURSES

OM 335 Introduction: Operations Management

Fundamentals necessary for the analysis and management of business processes: concepts include capacity management, effects of work-in-process, inventory, process variability on performance, process improvement and quality. Prerequisite: Credit or registration for BA 324 (or credit for MIS 324) and credit or registration for STA 309.

OM 337.3 Procurement and Supplier Management

Evaluation and negotiation skills to ensure effective procurement while maintaining supplier relationships: methods to evaluate and source materials and services; development of negotiating skills for effective and ethical results. Prerequisite: OM 335 or 335H.

OM 367 Strategic Supply Chain Management

Understanding how to develop assets and configure processes in a firm's supply chain that enable it to develop operational competencies that are aligned with its competitive strategy. Frameworks of analysis will be developed with an emphasis placed on application to case studies. Prerequisite: OM 335 or 335H.

OM 368 Logistics and Inventory Management

Planning, implementing and controlling the production and distribution of goods and services: focus on production planning and scheduling; inventory management; the design and management of supply and distribution networks. Prerequisite: OM 335 or 335H.

MAN 336 Organizational Behavior

The process of "getting things done through people": managing organizations and the behavior of individuals and groups within the organizational setting. Prerequisite: Credit or registration for 3 semester hours of coursework in psychology, sociology or anthropology.

SCM CHOICES

OM 337.1 Total Quality Management

Strategies for proactive management of processes, practices and systems to maximize product and process quality in line with corporate objectives: fundamental concepts of continuous improvement, statistical process control, acceptance sampling and process capability, including best practices in industry. Prerequisite: OM 335 or 335H.

OM 337.2 Supply Chain Modeling and Optimization

Tools for business planning and decision-making: basic cost and financial modeling in supply chains. Optimization models, discrete event simulation and real options modeling provide methods of simulation and prediction to improve supply chain decisions. Prerequisite: OM 335 or 335H.

OM 337.4 Supply Chain Design, Management and Control

Different planning systems used in an integrated supply chain, such as manufacturing resource planning, distribution planning, and sales and operations planning. Includes the latest trends in SCM, such as demand management, sustainable supply chains, and the information technology systems used to support an integrated business network. Prerequisite: OM 335 or 335H

OM 337.5 Project Management

Large-scale projects are characterized by a significant commitment of organizational and economic resources coupled with a high degree of uncertainty. This course covers three main topics in the life-cycle of projects: (i) project evaluation, (ii) project planning, execution and control, and (iii) managing portfolios of projects. Prerequisite: OM 335 or 335H

MAN 337.21 The Art and Science of Negotiation

Designed to help students develop a broad array of negotiation skills and to understand negotiations in useful analytical frameworks. Emphasis is placed on simulations, role-playing, and cases. Prerequisite: MAN 336 or 336H

Supply Chain and Operations Management Faculty:

Edward Anderson	Michael Hasler
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<http://new.mcombs.utexas.edu/Departments/IROM/Faculty.aspx>

Learn more about the McCombs SCM major at
<http://www.texasupplychain.info>



Supply Chain Management Major

Strategic leaders

Supply chain managers build and manage the relationships that keep products moving from raw materials to market. Supply chain managers make critical decisions. They determine how products are made and get to market: what materials are used, where they are purchased, how much is produced, where they are warehoused and how they are shipped. Each decision along the way can impact a company's competitive advantage. Good supply chain managers fulfill and anticipate their customers' needs. To score in supply, you'll need solid analytical skills and strong team leadership abilities.

Teamwork is a must

Supply chain managers lead teams and help orchestrate results throughout the organization. Sales and marketing groups work closely with supply chain to translate conceptual business plans into workable production, purchasing and logistics plans. Similarly, close relationships with finance and accounting departments ensure that supply decisions are aligned with corporate financial objectives.

Motivate and challenge

Successful supply chain management candidates are confident, outgoing and flexible. They demonstrate success in school, internships and work experience. They know how to work with, motivate and challenge their teams. They seek responsibility, manage crises and present winning solutions to top management.

Leading the industry

The McCombs supply chain management (SCM) curriculum reflects the current and future needs of the industry. Sponsors of the Supply Chain Management Center of Excellence (www.mcombs.utexas.edu/scm/) invest in the McCombs SCM program because they know their future success requires hiring the best talent – YOU.

Recruiting the best

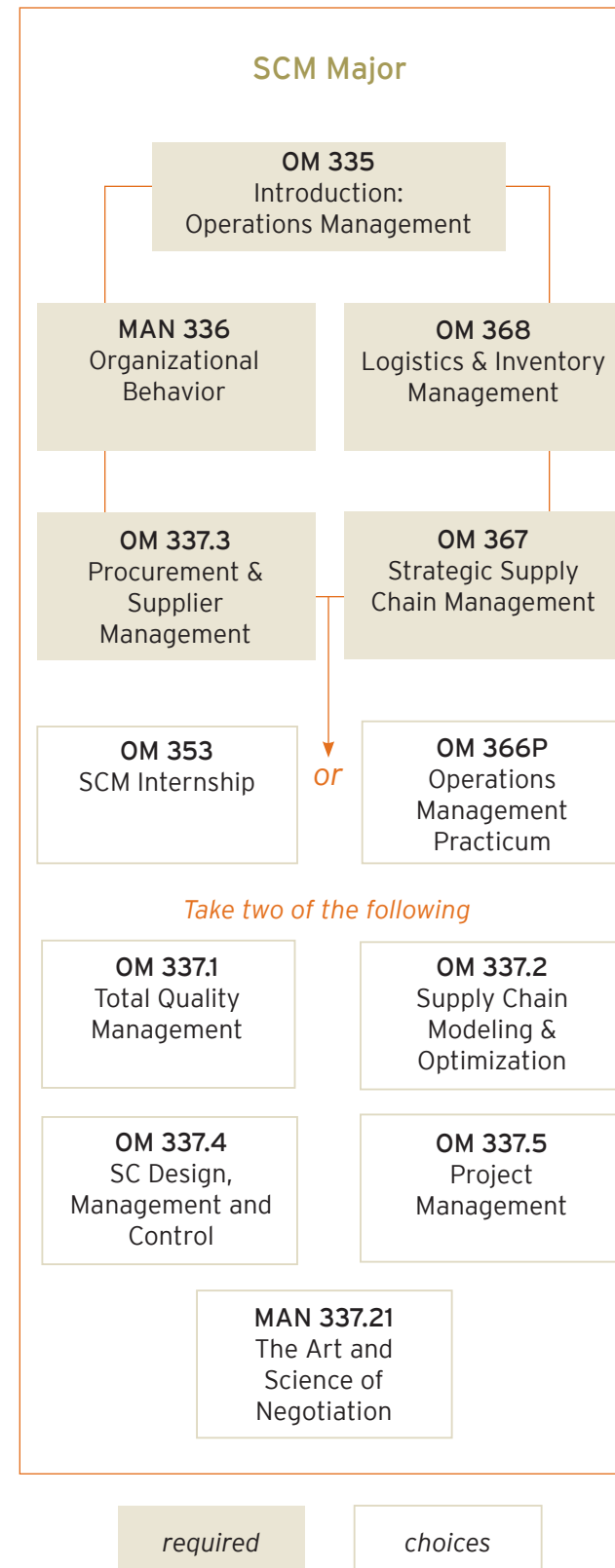
Because of the emerging strategic importance of supply chain management, companies are constantly recruiting for talented, trained professionals. Many companies provide extensive management training to ensure their supply chain professionals understand the business. You will start as a buyer, an analyst or a planner. Your career track can lead to management of a supply division or to corporate management. The chief executives of Wal-Mart and Toyota both came up through supply chain.

Work for the best

Companies such as Applied Materials, AT&T, Boeing, Cardinal Health, Caterpillar, Chevron, ConocoPhillips, Dell, Deloitte Consulting, Dr Pepper Snapple Group, Ford, Freescale Semiconductor, Frito-Lay, General Electric, Halliburton, HEB, Kimberly-Clark, Shell, Target, Temple-Inland, Texas Instruments, Textron and Wal-Mart want to hire McCombs SCM graduates. Many of these companies also offer professional internship opportunities.

SCM Major Track

Effective for students under the 2010–12 catalog. In addition to the BBA degree requirements, SCM majors must complete five core courses and two SCM choices.



Why Minor in SCM?

No matter what your major, your executive potential is amplified by a solid understanding of supply chain management. In a global economy, supply chains move the world.

SCM Minor Track

Effective for students under the 2010–12 catalog. Any 12 hours of SCM courses will equal an SCM minor. Consider these suggested minors to complement your career interests.

General Emphasis



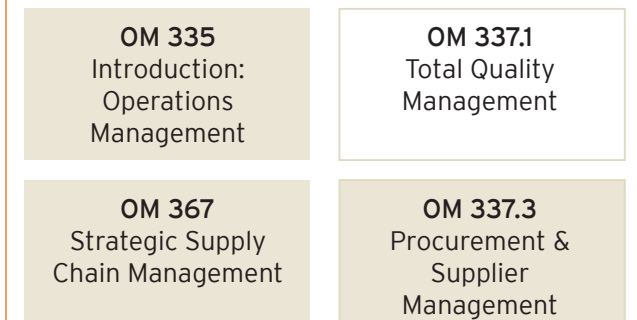
Focuses on the fundamentals.

Logistics Emphasis



Focuses on planning and implementation of resources to achieve business objectives.

Procurement Emphasis



Focuses on evaluation and negotiation skills to ensure effective business agreements.

