

Graduate Business Programs

SDSU College of Business Administration



MBA Program of Study Worksheet

Supply Chain Management
Specialization

MBA Program of Study Worksheet: Supply Chain Management Specialization

Every organization has a value creation system to provide services and produce goods. The primary objective of the supply chain management (SCM) program is to develop business professionals who manage the value creation processes from the supply sources to the final delivery channels to customers.

The curriculum emphasizes the strategic, tactical and operational issues along with the use of applications of quantitative models for managerial decisions in supply chains. The SCM courses offer knowledge in theories, frameworks, concepts, design, implementation plans, and assessment. The SCM program provides the underlying principles in sufficient depth so that students can further develop careers in diverse fields such as supply chain planning, project/program management, process management, inventory management, demand management, sourcing/procurement management, logistics management, quality management, etc.

The MBA-SCM Specialization is a 30-48 unit program of study that consists of 6 major components – a core of basic business courses, theme courses, courses in the specialization, electives, and a culminating experience course. Developing a program of study for the MBA degree requires careful planning. You should try to complete this template before starting classes to organize your thoughts on what you want out of the program; moreover, you are encouraged to discuss the plan with your academic advisor. This worksheet should be updated periodically to reflect your changing priorities and career objectives.

1 Core Courses (3-21 units)

These seven core courses will provide a solid foundation in each of the key business disciplines. One or more of these may be waived by the Graduate Programs Office if you have completed an equivalent course at an AACSB-accredited university within the past 5 years and earned a grade of ‘B’ or better. A maximum of 18 units of core courses may be waived. Course completed at non-AACSB schools will be evaluated on a case-by-case basis.

Choose the core courses that the Graduate Programs Office has notified you that you must complete.	Units
BA 650.– Financial Reporting and Analysis I	
BA 651 – Organizational Behavior	
BA 652 – Statistical Analysis	
BA 653 – Managerial Economics	
BA 655 – Marketing	
BA 662 – Operations and Supply Chain Management	
BA 665 – Financial Management I	

2**Corporate Responsibility: Legal, Ethical and Social Issues in Business theme course (3 units)**

These courses aim to help you develop a deep understanding and appreciation of the legal, ethical and social context in which management decisions are made. You will consider businesses' legal, social and ethical responsibilities to internal and external stakeholders such as stockholders, employees, customers, and the communities where the corporation does business.

Choose ONE of the following courses.	Units
ACCTG 681 – Seminar in Regulatory and Management Controls	
FIN 604 – Legal Environment for Executives	
MIS 755 – Information Systems Security Management	
MGT 722 – Seminar in Business Ethics and Social Institutions	
MGT 746 – Seminar in Corporate Governance	

3**Management of Technology Issues in Business theme course (3 units)**

These courses aim to development an understanding of the key issues and trends in business' use of technology and data, information, and knowledge for decision making and competitive advantage.

Choose ONE of the following courses.	Units
MIS 688 – Information Systems in Organizations	
MIS 691 – Decision Support Systems (Recommended for SCM)	

4**Supply Chain Management Courses (12 – 15 units)**

These courses are the major courses for SCM Specialization. It is strongly recommend that you shall take all five courses.

Choose at least FOUR courses Strongly recommend all FIVE courses	Units
MIS 744 – Lean Six Sigma Quality Management	
MIS 697 – Project Planning and Development or MIS 750 – Strategic Project Management	
MIS 752 – Supply Chain and Enterprise Resource Planning	
MIS 753 – Global Supply Chain Management	
MIS 754 – Seminar in Operations Planning and Strategy	

5 Electives (3 - 6 units)

Students are strongly encouraged to take the remainders of the SCM required courses listed in Section 4 as electives. In addition, the following courses are recommended as elective options for SCM Specialization. Other courses may be accepted upon approval by the academic advisor.

Specialization courses and Electives must total to 18 units Recommended courses are as follows.	Units
MGT 710 – Seminar in World Business Environment	
MGT 721 – Seminar in Group Processes and Leadership	
MKTG 761 – Product Innovation Management	
MKTG 770 – Marketing of Technology	
MIS 697 – Project Planning and Development or MIS 750 – Strategic Project Management	
MIS 748 – Seminar in Applied Multivariate Analytics	
MIS 749 – Business Analytics	
MIS 798 – Special Study	

6 Culminating Experience (3 units)

Complete a culminating experience course.

Choose ONE of the following courses.	Units
B A 795 – Integrative Business Analysis	
B A 799A – Thesis	

Degree Requirements Check List

Requirement	✓
At least 27 units completed beyond the core	
Not more than a total of six units in courses BA 780 (Field Studies in Business), 797 (Research), and 798 (Special Study)	
Among themes and electives (and specialization) completed, courses are taken from three out of the five departments in the College of Business Administration	
All courses are at the 500, 600, or 700 level. No more than six units are at the 500-level.	
A maximum of twelve transfer units from another AACSB-accredited university if program of study is 33 units or more; no more than nine transfer units if program of study is 30 units.	

Supply Chain Management Course Descriptions

MIS 697: Project Planning and Development (no prerequisite)

Learning Outcomes: This course teaches major knowledge processes in developing a project plan. A project life cycle approach is used. Topics include initiation, project definition, time management, budget estimation, project schedule, resource allocation, quality and risk management, earned value management, and project crashing. Students learn to create a project plan using project tools and technology.

Tools and Technology: PMI PMBOK framework, work breakdown structure, critical path method, project evaluation and review techniques, earned value management, Gantt chart, Microsoft Project

MIS 744: Seminar in Lean Six Sigma Quality Management

Learning Outcomes: Students learn how to improve quality and productivity by aligning the voices of the process with the voice of the customer. Students are familiarized with approaches to analyze and improve an individual process. Advanced quality improvement techniques are discussed. The theory and application of systems thinking and strategic management are also introduced so students learn what it takes to create and institutionalize the improvement. Team building is emphasized. Students learn how the speed and agility of lean operations can be combined with the statistical predictability of Six Sigma to create better business solutions and improve productivity.

Tools and Technology: Baldrige quality award framework, control charts, process capability, Six-Sigma methodologies, lean operations principles

MIS 750: Strategic Project Management

Learning Outcomes: This course teaches how to manage projects and programs in order to implement business strategies. The emphasis is on the managerial aspect of project management. Topics include project selection, program and portfolio management, project organizations, resource conflict and resolution, stakeholder management, leadership in project, project team management, outsourcing, project management office, project closure and knowledge management.

Tools and Technology: PMI PMBOK framework and other project management methodologies, risk assessment tools, Microsoft Project

MIS 752: Supply Chain and Enterprise Resource Planning

Learning Outcomes: Students are familiarized with supply chain and enterprise planning tools, which are essential to the success for companies in the competitive market. Topics include the integrated processes of sales and operations planning, corporate accounting, master production schedule, materials requirement, procurement, capacity planning, and warehouse management in a simulated enterprise environment.

Tools and Technology: ERP software, sales & operations planning framework, bill of materials, capacity planning, forecasting models, Theory of Constraints

MIS 753: Global Supply Chain Management (no prerequisite)

Learning Outcomes: This course provides a comprehensive overview on managing global supply chains. Students learn strategic issues of global supply chain as well as tactical methods in managing it. Starting with supply chain strategy, students study global supply chain configuration, demand management and production planning, global sourcing, supplier relationship and contract management, supply chain inventory management, lead time management and order fulfillment, logistics and channel management. Real-world cases are used to discuss each of these topics and the interdependency and integration of them. Cases are selected from various industries so industry specific supply chain characteristics are also introduced to students.

Tools and Technology: multi-echelon inventory models, risk-based supply chain planning, distribution network design, demand planning, decision support tools, transportation models, beer game, revenue management, supply chain contract, SCOR framework, supply chain technology

MIS 754: Seminar in Operations Planning and Strategy

Learning Outcomes: This course provides an opportunity to integrate the concepts, knowledge and models presented in BA 662 or other functional courses which are associated with the management of operation and delivery of product and services. This course addresses strategic, tactical, and operational aspect of operations management. Through the use of cases that are drawn from real world situations we will focus on how to develop operational plans and/or strategies for variety of problems that are encountered in practice. The course exposes students to a range of concepts, tools, and techniques for addressing issues such as research and development organization, the design and evolution of multi-site operating networks, the selection and development of product and process technologies, and the creation of operating systems that effectively connect operations with customers, distribution channels, and suppliers.

Tools and Technology: Real-world cases are used to discuss each of these issues and the interdependency and integration of them.



College of Business Administration
Leadership for the Global Marketplace

GRADUATE PROGRAMS
5500 Campanile Drive
San Diego, CA 92182-8228
Telephone: (619) 594-8073
Fax: (619) 594-1863

sdsumba@sdsu.edu
www.sdsu.edu/mba