

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 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	
IDS 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
IDS 688 – Information Systems in Organizations	
IDS 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
IDS 744 – Seminar in Lean Six Sigma Quality Management	
IDS 750 – Project Management	
IDS 752 – Supply Chain Planning and Control	
IDS 753 – Global Supply Chain Management	
IDS 754 – Seminar in Operations Strategy	

5 Electives (3 - 6 units)

These courses are recommended as free electives 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	
MGT 725 – Seminar in Negotiations	
MGT 731 – Seminar in Strategic Mgmt of Technology and Innovations	
MKTG 761 – Product Innovation Management	
MKTG 770 – Marketing of Technology	
IDS 748 – Seminar in Advanced Data Analysis	
IDS 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.	

Corporate Responsibility Theme: Course Descriptions

Accounting 681 – Regulatory and Management Controls

This course will help you to be more effective when working within regulatory and management control environments. The material is both theoretical and practical to provide an understanding of the evolution of controls and regulations as well as an examination of issues facing organizations. The focus is on the behavioral side—how controls and regulations are used to influence and motivate what people do. The legal, ethical, and political factors influencing management control systems are also examined.

Finance 604 – Legal Environment for Executives

This course is an introduction to the American legal system with an emphasis on the relationship between business, society, and government. You will leave the course with an appreciation and understanding of the legal system as it affects you as a citizen, consumer, employee, and business owner. The course covers legal rights and the agencies for their enforcement, criminal and tort law applied to business; consumer protection; contracts; sales; agency and business organizations, and the application of the Uniform Commercial Code.

Information and Decision Systems 755 – Information System Security Management

This course will prepare you to identify information security threats and solutions for an organization and/or a system. To do this you will cover in detail information security management, threat analysis, risk management, attack methods, security models, application security methods, network security methods, physical security, access control, and cryptography. Among other learning objectives, you will be able to discuss how policies are used to implement security plans

Management 722 – Seminar in Business Ethics and Social Institutions

This course lies at the intersection of business and the liberal arts. You will be encouraged to think systematically and rigorously about ethical issues that occur in a business context and will be introduced to ethical frameworks that will help you to clarify and examine the ethical system you now hold. After investigating several formal ethical theories closely tied to business ethics, you will apply these theories to current business-ethics issues. In addition, you will be asked to read assignments thoroughly and critically, to develop personal observations and insights about the material, and to write about and talk about those insights.

Management 746 – Seminar in Corporate Governance

This seminar will give you an in-depth look at the corporate governance triad that controls the modern American corporation: top management, boards of directors, and investors. By the end of the course, you will understand both the history of the complex inter-relationships among these players and the current trends that will continue to mold 21st-century corporate governance. You will be better prepared than most of your peers to take an informed leadership role as a corporate executive, director, or shareholder. You will also examine what it means to have a “theory of corporate governance,” examine existing theories of the firm, and discuss their shortcomings in light of recent events.

Management of Technology Issues in Business Theme: Course Descriptions

IDS 688 - Information Systems in Organizations

This course exposes you to ways in which modern organizations utilize information technology (IT) strategically to enhance their competitive positions in an increasingly complex and global business environment. Technological as well as organizational and behavioral issues confronting today's IT executive are explored, and analytical approaches to addressing these issues are developed. At the end of the course, you will be able to: describe the evolving business and IT environments, use strategic information systems for planning and decision making, apply theoretical models of information systems planning and management, employ organizational IT performance measurement and valuation metrics, describe common IT governance and the management of change practices, describe the international dimensions of information systems, and evaluate situations involving the ethical responsibilities of today's IT professionals.

IDS 691 - Decision Support Systems

This course will expose you to IT-enabled processes of decision-making and to provide you with the ability to design systems to support decision-making. To do this we will discuss decision theory and the technologies and processes used in the creation and management of decision support systems, research decision support system literature, and create individual and group decision support systems. Course topics include decision theory, decision modeling, group decision support systems, expert systems, artificial intelligence, knowledge management, and data warehousing and mining. At the end of the course you will be prepared to analyze decision processes and design and specify decision support systems to support those processes. You will also be prepared to build individual decision support systems using Microsoft Excel and Access and will be familiar with the research resources available to Decision Support Systems students.

Supply Chain Management Course Descriptions

IDS 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

IDS 750: Project Management

Learning Outcomes: This course teaches major knowledge processes in project management. A project life cycle approach is used in class, which includes strategic initiation, planning and organization, time management, budget estimation, execution, quality and risk management, and closing. Integrated monitoring and controlling are also emphasized. Through case studies, students are introduced to projects in various industries. Students learn to create a project plan using project tools and technology. The technical/tool aspects of project management are integrated with the communication and organization aspects of a firm.

Tools and Technology: PMI PMBOK framework, work breakdown structure, critical path method, project evaluation and review techniques, earned value management, Gantt chart, Critical chain, Microsoft Project, Monte Carlo simulation, risk assessment tools

IDS 752: Seminar in Supply Chain Planning and Control Management

Learning Outcomes: Students are familiarized with supply chain planning tools, which are essential to competitive success for companies. Students learn the following topics: forecasting, sales and operations planning, master scheduling, materials requirement planning and scheduling, capacity planning, product life cycle, just-in-time features and impacts, and production activity control. Students also learn how to use enterprise resource planning technology and tool to develop the plan. Instruction addresses the management and control on the inputs and the use of its outputs. Students also learn to understand how supply chain planning and controlling systems align with company strategies and the implementation issues.

Tools and Technology: ERP/MRP technology, sales & operations planning framework, bill of materials, capacity planning, Just-in-time techniques, forecasting models, Theory of Constraints

IDS753: Global Supply Chain Management

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

IDS 754: Seminar in Operations 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