Naveen Jindal School of Management

Supply Chain Management (BS)

Bachelor of Science in Supply Chain Management

Degree Requirements (120 semester credit hours)

View an Example of Degree Requirements by Semester

Faculty

Professors: Alain Bensoussan, Metin Çakanyildirim, Huseyin Cavusoglu, Milind Dawande, Ganesh Janakiraman, Elena Katok, Özalp Özer, Suresh P. Sethi, Kathryn E. Stecke

Associate Professor: Mehmet Ayvaci, Dorothée Honhon, Bin Hu, Anyan Qi

Assistant Professors: Soraya Fatehi, Andrew Frazelle, Ignacio Rios Uribe, Serdar Simsek, Ashwin Venkataraman, Guihua Wang, Shouqiang Wang

Professor Emeritus: John J. Wiorkowski

Clinical Professors: William Hefley, Sonia Leach, Divakar Rajamani, Kannan Ramanathan, Mark Thouin

Clinical Associate Professors: Shawn Alborz, Avanti P. Sethi, Ramesh Subramoniam, Aysegul Toptal, David Widdifield

Clinical Assistant Professors: Athena Alimirzaei, Judd Bradbury, Jason Parker

Professor of Instruction: Luell (Lou) Thompson

Associate Professor of Instruction: Monica E. Brussolo

Assistant Professor of Instruction: Rasoul Ramezani

Associate Professor of Practice: David Parks

Assistant Professors of Practice: Khatereh Ahadi, Scott Janke

Senior Lecturers: Negin Enayaty Ahangar, Mohammad Naseri Taheri

I. Core Curriculum Requirements: 42 semester credit hours

Communication: 6 semester credit hours

Select any 6 semester credit hours from Communication Core courses (see advisor)

Mathematics: 3 semester credit hours
MATH 1325 Applied Calculus I\(^3, 4, 5, 6\)

Or select any 3 semester credit hours from Mathematics Core courses (see advisor)

Life and Physical Sciences: 6 semester credit hours

Select any 6 semester credit hours from Life and Physical Sciences Core courses (see advisor and degree requirements)

Language, Philosophy and Culture: 3 semester credit hours

Select any 3 semester credit hours from Language, Philosophy and Culture Core courses (see advisor)

Creative Arts: 3 semester credit hours

Select any 3 semester credit hours from Creative Arts Core courses (see advisor)

American History: 6 semester credit hours

Select any 6 semester credit hours from American History Core courses (see advisor)

Government/Political Science: 6 semester credit hours

GOVT 2305 American National Government
GOVT 2306 State and Local Government

Or select any 6 semester credit hours from Government/Political Science Core courses (see advisor)

Social and Behavioral Sciences: 3 semester credit hours

Choose one of the following:

BA 1310 Making Choices in Free Market Systems\(^3, 4\)
BA 1320 Business in a Global World\(^3, 4\)
ECON 2301 Principles of Macroeconomics\(^3, 4\)
ECON 2302 Principles of Microeconomics\(^3, 4\)

Or select any 3 semester credit hours from Social and Behavioral Sciences Core courses (see advisor)

Component Area Option: 6 semester credit hours

Choose two of the following:

MATH 1326 Applied Calculus II\(^3, 4, 5\)
BA 1310 Making Choices in Free Market Systems\(^3, 4\)
BA 1320 Business in a Global World\(^3, 4\)
ECON 2301 Principles of Macroeconomics\(^3, 4\)
ECON 2302 Principles of Microeconomics

Or select any 6 semester credit hours from **Component Area Option Core** courses (see advisor)

II. Major Requirements: 72-75 semester credit hours

**Major Preparatory Courses: 15-18 semester credit hours beyond Core Curriculum**

ACCT 2301 Introductory Financial Accounting
ACCT 2302 Introductory Management Accounting
BLAW 2301 Business and Public Law
MATH 1325 Applied Calculus I
MATH 1326 Applied Calculus II

or OPRE 3340 Advanced Business Quantitative Methods

OPRE 3333 Quantitative Business Analysis

or MATH 2333 Matrices, Vectors, and Their Application

STAT 3360 Probability and Statistics for Management and Economics

or OPRE 3360 Managerial Methods in Decision Making Under Uncertainty

Choose two of the following:

BA 1310 Making Choices in Free Market Systems
BA 1320 Business in a Global World
ECON 2301 Principles of Macroeconomics
ECON 2302 Principles of Microeconomics

**Major Core Courses: 24 semester credit hours**

BCOM 1300 Introduction to Professionalism and Communication in Business

or BCOM 3300 Professionalism and Communication in Business

BCOM 4300 Managing Communications in Business
IMS 3310 International Business
FIN 3320 Business Finance
ITSS 3300 Information Technology for Business
OPRE 3310 Operations Management
OBHR 3330 Introduction to Human Resource Management

or OBHR 3310 Organizational Behavior
MKT 3300 Principles of Marketing

Major Related Courses: 21 semester credit hours

OPRE 4395 Capstone Senior Project - Supply Chain Management
  or BPS 4395 Capstone Senior Project - Business
  or ENTP 4395 Capstone Senior Project - Entrepreneurship

Choose six courses from the following seven courses:

OPRE 3320 Integrated Supply Chain Management
OPRE 3330 Project Management
OPRE 4310 Lean and Six Sigma Processes
OPRE 4320 Integrated SCM Information Systems
OPRE 4330 Global Logistics and Inventory Management
OPRE 4340 Purchasing, Sourcing, and Contract Management
OPRE 4362 Supply Chain Strategy

Guided Electives: 12 semester credit hours

A practicum experience of at least 160 working hours is required; the student has the option of zero to 3 semester credit hours, depending on the particular internship, and preference for additional electives.

OPRE 4V90 Supply Chain Management Internship
OPRE 4090 Supply Chain Management Internship
BA 4090 Management Internship

A community engagement experience is required; the student has the option of zero or 3 semester credit hours, depending on the particular experience, and preference for additional electives.

IMS 4335 Social Sector Entrepreneurship and Community Engagement
  or ENTP 4340 Social Sector Entrepreneurship and Community Engagement
  or MKT 4360 Social Marketing
  or BA 4095 Social Sector Engagement and Community Outreach Practicum

The BS SCM degree program offers students the opportunity to focus in a specific track to obtain in-depth knowledge in a specific business area depending on their interests. Students may choose at least 9 semester credit hours from one of the following tracks, or students may choose the General Track to fulfill remaining Guided Elective semester credit hours:

A. Digital Supply Chain Management Track
**OPRE 4350** Spreadsheet Modeling and Analytics
**ITSS 4340** Enterprise Resource Planning
**MKT 4330** Digital and Internet Marketing

**B. Project Management and Leadership Track**

**MKT 3330** Introduction to Professional Selling
**OBHR 4352** Negotiation and Dispute Resolution
**OBHR 4354** Leading Organizational Change
**MKT 3320** Product and Brand Management

**C. Analytics Track**

**OPRE 4350** Spreadsheet Modeling and Analytics
**OPRE 4353** Business Analytics
**OPRE 4337** Marketing Analytics
**MKT 4341** Predictive Analytics

**D. Global Supply Chains and Strategy Track**

**OPRE 4345** Retail Operations
**IMS 4310** Export Market Development
**BPS 4305** Strategic Management
**OPRE 4362** Supply Chain Strategy

**E. General Track**

Any OPRE upper-division courses that are not part of the BS SCM major preparatory, major core, or major related courses may be used to satisfy the required hours of guided elective credit. Students may also choose any course from the tracks listed above to satisfy the required hours of guided elective credit.

All prerequisites must be met.

### III. Elective Requirements: 3-6 semester credit hours

**Free Electives: 3-6 semester credit hours**

Both lower- and upper-division courses may count as electives but students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation.

1. Incoming freshmen must enroll and complete requirements of UNIV 1010 and the corresponding
school-related freshman seminar course. Students, including transfer students, who complete their core curriculum at UT Dallas must take UNIV 2020.

2. Curriculum Requirements can be fulfilled by other approved courses from institutions of higher education. The courses listed are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at UT Dallas.

3. Indicates a prerequisite class to be completed before enrolling for upper-division classes.

4. A required Major course that also fulfills a Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.

5. Students may elect to substitute MATH 2413 or MATH 2417 for MATH 1325. Students may elect to substitute MATH 2414 or MATH 2419 for MATH 1326.

6. In order to make timely degree progress, students should complete MATH 1325 or its equivalent by the end of their first semester at UT Dallas. Students who will not meet this requirement should contact their academic advisor to discuss their degree timeline.

7. Certain courses listed are prerequisites for major core, major concentration, or major related courses. Choose accordingly.

8. Students may substitute MATH 2418 or CS 2305.

9. JSOM first-time-in-college freshmen are required to take BCOM 1300 in their first semester. Transfer students and students new to JSOM are required to take BCOM 3300 in their first semester.

10. Can be used to fulfill elective hours if not counted as a Major Related Course.