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, Milind Dawande, Ganesh Janakiraman, Elena Katok, Özalp Özer, Suresh P. Sethi, Kathryn E. Stecke

Associate Professor: Dorothée Honhon, Bin Hu, Anyan Qi, Shouqiang Wang

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

Professor Emeritus: John J. Wiorkowski

Clinical Professors: Sonia Leach, Divakar Rajamani, Kannan Ramanathan

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

Clinical Assistant Professor: Athena Alimirzaei

Associate Professors of Instruction: Monica E. Brussolo, Mohammad Naseri Taheri

Assistant Professors of Instruction: Negin Enayaty Ahangar, Rasoul Ramezani

Associate Professor of Practice: David Parks

Assistant Professor of Practice: Khatereh Ahadi

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
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
- **BA 1320** Business in a Global World
- **ECON 2301** Principles of Macroeconomics
- **ECON 2302** Principles of Microeconomics

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
- **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\(^3\) \(^4\)

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\(^2\)**

- **ACCT 2301** Introductory Financial Accounting\(^3\)
- **ACCT 2302** Introductory Management Accounting\(^3\)
- **BLAW 2301** Business and Public Law\(^3\)
- **MATH 1325** Applied Calculus I\(^3\), \(^4\), \(^5\), \(^6\)
- **MATH 1326** Applied Calculus II\(^3\), \(^4\), \(^5\)
  or **OPRE 3340** Advanced Business Quantitative Methods\(^3\)
- **OPRE 3333** Quantitative Business Analysis\(^3\)
  or **MATH 2333** Matrices, Vectors, and Their Application\(^3\), \(^8\)
- **OPRE 3360** Managerial Methods in Decision Making Under Uncertainty
  or **STAT 3360** Probability and Statistics for Management and Economics

Choose two of the following: \(^7\)

- **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\(^3\) \(^4\)

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

- **BCOM 1300** Introduction to Professionalism and Communication in Business\(^9\)
  or **BCOM 3300** Professionalism and Communication in Business\(^9\)
- **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 and Sourcing Management
OPRE 4362  Supply Chain Strategy

Guided Electives: 12 semester credit hours

A practicum experience (internship) 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 Impact 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 will choose at least 9 semester credit hours from one of the following tracks. Any remaining Guided Elective hours may be used toward the required internship and community engagement experience.
A. Digital Supply Chain Management Track

OPRE 4350 Spreadsheet Modeling and Analytics
OPRE 4357 Supply Chain 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
MKT 3320 Product and Brand Management
OPRE 4355 Operations Management in the Healthcare Sector

C. Global Supply Chains and Strategy Track

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

D. General Track

Any of the courses listed in Tracks A, B, or C, or any OPRE upper-division courses that are not part of the BS SCM major preparatory, major core, or not used in major related courses, may be used to satisfy the required hours of guided elective credit. At least 6 of the 12 semester credit hours used in the General Track must have an OPRE prefix.

The courses listed above can satisfy guided elective requirements in prior BS SCM catalogs, as long as credit hours are not applied elsewhere on degree plan.

Three semester credit hours of equivalent or similar upper-level courses, not applied as credit hours elsewhere on degree plan, may be used to fulfill a guided elective with advance written permission from the BS SCM Program Director.

Note: Course 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 guided elective hours in General Track if not counted as a Major Related Course.

11. OPRE 4362 can be used to fulfill guided elective credit hours in Global Supply Chains and Strategy Track or in General Track if not counted as a Major Related Course.

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