

# Supply Chain & Operations Management B.S.B.

## Description

Campus

Twin Cities

### Program description

Supply chain and operations (SCO) professionals manage the flow of goods, services, and information both within and across organizations. In every organization and in every industry, SCO professionals make sure that products get made, services are provided, and customers are satisfied. SCO professionals:

- Tackle sustainability challenges, including efficient use of resources and responsible sourcing.
- Take a broad view of business by collaborating across functions and organizations.
- Are practical problem solvers and figure out better ways to get work done.
- Are curious about how things work and like to be hands-on.
- Have diverse career options, ranging from positions using strong people-facing communication skills to positions that require detailed analytics.

### Program last updated

Spring 2025

## Program details

### Career

Undergraduate

### Program Type

Baccalaureate

### This program is delivered in the following method(s)

In-person/classroom

### Primary delivery method

In-person/classroom

### Does this program require summer terms?

No

### Minimum required credits to graduate with this degree

120

### Minimum required program credits

80

### Is a sub-plan required for this program?

No

### Is the language required a specific language?

No second language

### Degree

205 - Bachelor of Science in Business

### Maximum required credits to graduate with this degree

120

### Maximum required program credits

84

## Admission details

### Are students ever admitted to a pre-major status before admission to this major?

Yes, freshmen and transfer students

### Preferred program admission GPA for students from other University of Minnesota campuses

3

### Explanation for GPA preference higher than 2.0 for admission

Admission to the Carlson School is competitive and applications far outweigh the number of students we can effectively serve with our faculty and resources. Recent GPA averages have been above 3.50.

## Requirements

### Simple Requisites

#### Program Admission Requirements

Degree-seeking students admitted to the Carlson School declare a major while they are enrolled in the Impact Core. In order to enroll in the Impact Core, students must complete the following courses: Business Economics or Microeconomics; Financial Accounting; Business Statistics in R; and Business Scenarios in Excel.

Transfer students must complete Business Economics or Microeconomics and Financial Accounting prior to admission to the Carlson School.

University of Minnesota internal transfer students must also complete Business Statistics in R and Modeling Business Scenarios in Excel prior to admission.

#### Required Prerequisites

##### Type

Completion Requirements

#### Required Prerequisites

##### Complete exactly 4 course(s) and earn 14 or more credit(s) from the following:

- ACCT2051 - Introduction to Financial Reporting (4cr.) Online may be available  
OR ACCT2051H - Honors: Introduction to Financial Reporting (4cr.) Honors
- BA2051 - Modeling Business Scenarios in Excel (2cr.)
- BA2551 - Business Statistics in R (4cr.) Mathematical Thinking
- ECON1165 - Business Economics (4cr.) Social Sciences  
OR ECON1101 - Principles of Microeconomics (4cr.) Global Perspectives, Social Sciences  
OR APEC1101 - Principles of Microeconomics (4cr.) Global Perspectives, Social Sciences

#### Additional Comments:

#### Program Requirements

All degree-seeking students must complete the University's Liberal Education requirements.

At least 50% (29 cr) of the upper division major credits must be completed at the University of Minnesota Twin Cities campus.

View sample plans for this program: <https://sampleplan.umn.edu/node/771>

#### Required Courses

##### Type

Completion Requirement

#### Required Courses

##### Complete exactly 9 course(s) and earn 20 - 24 credit(s) from the following:

- BA1011 - Leading Self & Teams (2cr.)
- BA1021 - Design Your Life (1cr.)
- BA2005 - Business Ethics, Corporate Responsibility & Sustainability (3cr.) Civic Life and Ethics  
OR BA2005H - Business Ethics, Corporate Responsibility and Sustainability (3cr.) Civic Life and Ethics, Honors
- BA2021 - Design Your Career (1cr.)  
OR IBUS2021 - Design Your Career in a Global Context (2cr.)
- BA2062 - Impact Lab Problem Solving (2cr.)
- BA3033W - Business Communication (3cr.) Writing Intensive, Online may be available  
OR IBUS3033W - Business Communication in a Global Context (4cr.) Writing Intensive
- BA3051 - Data-Driven Business Decisions (3cr.)
- BA3062 - Impact Lab in Action (2cr.)  
OR IBUS3062 - Global Impact Lab in Action - Solving Wicked Cross-Cultural Problems (4cr.)
- BA3551 - Business Analytics (3cr.)

#### Additional Comments:

#### Impact Core

##### Type

Completion Requirement

#### Gold Impact Core

##### Complete exactly 4 course(s) and earn 12 or more credit(s) from the following:

- FINA3001 - Finance Fundamentals (3cr.)  
OR FINA3001H - Honors: Finance Fundamentals (3cr.) Honors
- HRIR3021 - Human Capital Management (3cr.) Online may be available  
OR HRIR3021H - Honors: Human Capital Management (3cr.) Honors
- MGMT3004 - Strategic Management (3cr.)
- SCO3001 - Sustainable Supply Chain and Operations (3cr.)

#### Maroon Impact Core

##### Complete exactly 4 course(s) and earn 12 or more credit(s) from the following:

- ACCT3001 - Strategic Management Accounting (3cr.) Online may be available
- BA3001 - Race, Power, and Justice in Business (3cr.) Race, Power, and Justice US
- IDSC3001 - Information Systems & Digital Transformation (3cr.) Technology and Society, Online may be available  
OR IDSC3001H - Honors: Information Systems for Business Processes and Management (3cr.) Honors

- MKTG3001 - Principles of Marketing (3cr.) Online may be available  
**OR** MKTG3001H - Honors:Principles of Marketing (3cr.) Honors

#### Additional Comments:

Students complete the Impact Core (I-Core) as a cohort. The Maroon and Gold I-Core can be taken in either order. Students must have the following courses completed before taking either I-Core: Business Economics or Microeconomics, Financial Accounting, Business Statistics in R, and Modeling Business Scenarios in Excel. In addition, it is strongly recommended that students complete the following prior to enrolling in I-Core: Leading Self & Teams, Design Your Life, and Powerful Problem Solving. While enrolled in I-Core, students will declare their major.

#### Major Core Courses

##### Type

Completion Requirement

##### Core Courses

**Complete exactly 6 course(s) and earn 18 or more credit(s) from the following:**

- SCO3045 - Sourcing and Supply Management (2cr.)
- SCO3048 - Transportation and Logistics Management (2cr.)
- SCO3056 - Supply Chain Planning and Control (4cr.)
- SCO3059 - Quality Management and Lean Six Sigma (4cr.)
- SCO3072 - Managing Technologies in the Supply Chain (2cr.)
- SCO4065W - Supply Chain and Operations Strategy (4cr.) Writing Intensive

#### Additional Comments:

#### Major Electives

##### Type

Completion Requirement

##### Electives

**Complete 1 or more course(s) and earn 4 or more credit(s) from the following:**

- BLAW3062 - Contract Law and Corporate Regulation (2cr.)
- IDSC3202 - Analysis and Modeling of Business Systems (4cr.)
- MGMT4044 - Negotiation Strategies (4cr.)
- MKTG4061 - Marketing Channels (4cr.)
- SCO3041 - Project Management (2cr.)
- SCO3051 - Service Management (2cr.)

#### Additional Comments:

#### Upper Division Writing Intensive within the major

##### Type

Completion Requirement

##### Upper Division Writing Intensive within the major

Students are required to take one upper division writing intensive course within the major. If that requirement has not been satisfied within the core major requirements, students must choose one course from the following list. Some of these courses may also fulfill other major requirements.

**Complete up to 1 course(s) and earn credit(s) from the following:**

- SCO4065W - Supply Chain and Operations Strategy (4cr.) Writing Intensive
- BA3033W - Business Communication (3cr.) Writing Intensive, Online may be available
- IBUS3033W - Business Communication in a Global Context (4cr.) Writing Intensive

#### Additional Comments:

#### International Experience

##### Type

Completion Requirement

#### Additional Comments:

Students must complete an international experience as part of the program requirements. Short-term or semester-length programs may be used to meet this requirement. Students participate in the International Experience (IE) 101 workshop early in their program to begin planning.

#### Program Sub-Plan Requirements

##### Integrated BS in Business/Master in HRIR

###### Type

###### Completion Requirements

###### BSB/Masters Human Resources and Industrial Relations

Students in the BSB/M.HRIR integrated degree program should complete the following courses in their senior year. These courses meet requirements for the Masters in Human Resources and Industrial Relations.

###### Fulfill ALL of the following requirements:

Fall semester, Year 4

###### Complete exactly 4 course(s) and earn exactly 12 credit(s) from the following:

- HRIR6001 - Business Principles for the HRIR Professional (4cr.)
- HRIR6111 - Statistical Foundations of People Analytics (4cr.)
- HRIR6301 - Organizational Staffing and Employee Development (3cr.)
- HRIR6305 - Organizational Staffing and Employee Development Practicum (1cr.)

AND

Spring semester, Year 4

HRIR 6805 is taken both terms.

###### Complete exactly 3 course(s) and earn exactly 7 credit(s) from the following:

- HRIR6501 - Compensation and Benefits (3cr.)
- HRIR6505 - Compensation and Benefits Practicum (1cr.)
- HRIR6701 - Labor Relations and Collective Bargaining (3cr.)

###### Additional Comments:

This integrated program provides a unique opportunity for Carlson students to obtain an advanced degree more quickly and prepare themselves to lead in the shifting landscape of the global marketplace. The integrated program would allow Carlson undergraduate students to complete the MHRIR degree one to two semesters after completing their B.S.B. degree. Students apply to the program in the fall of their junior year. A maximum of 15 credits will apply to the MHRIR graduate degree.

HRIR minors: Please note that the following 6000-level courses are considered comparable graduate-level courses for the listed 3000-level undergraduate courses

HRIR 6301 and 6305 for HRIR 3031 and 3032

HRIR 6501 and 6505 for HRIR 3051

HRIR 6701 for HRIR 3071 and 3072

#### No Requirement Level