

# SUPPLY CHAIN MANAGEMENT, BS

for the degree of Bachelor of Science in Supply Chain Management

The Supply Chain Management student studies the flow of finances, information and materials starting from supply chain planning to the sourcing of raw material, parts and components through the manufacturing or processing sector to the marketing and delivery of end products for industrial customers or individual consumers. The Supply Chain Management Major is available only to qualified students based upon application. For more information, contact the Director of the Supply Chain Management Program, Mili Mehrotra, milim@illinois.edu.

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## Core Curriculum

Normally, students must register for no fewer than 12 hours or more than 18 hours in each semester. Students should take mathematics, economics, and accountancy courses in the semesters indicated in the sample schedule of courses. The computer science course must be taken during the first year. The computer science requirement no longer allows ACE 161 as an equivalent course.

Up to 4 hours of Kinesiology activity courses, numbered 100-110 may be counted toward the 124 hours for the degree. The same section of a course may not be repeated for credit. Credit is limited to a maximum of 12 credit hours for 199 courses. Students may receive foreign language credit for courses only 2 levels below highest level taken in high school. For example: 4 years of high school French-no credit below FR 102.

Credit toward the 124 degree hours is not given for MATH 101. Once the math requirement is completed, lower level math courses cannot be taken for credit.

Any course used to fill a specific degree requirement may not be taken on the credit-no credit grade option. Only free electives may be taken on the credit-no credit option. All finance and accountancy courses must be taken for a grade. It is recommended that all courses taken in the business administration area be taken for a grade.

### Graduation Requirements

Minimum hours required for graduation: 124 hours.

### University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300- or 400-level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (<https://studentcode.illinois.edu/article3/part8/3-801/>) (§ 3-801) and in the Academic Catalog (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

### General Education Requirements

Follows the campus General Education (Gen Ed) requirements (<https://courses.illinois.edu/gened/DEFAULT/DEFAULT/>). Some Gen Ed requirements may be met by courses required and/or electives in the program.

Code	Title	Hours
	Composition I	4-6
	Advanced Composition	3
	Humanities & the Arts (6 hours)	6
	Natural Sciences & Technology (6 hours)	6
	Social & Behavioral Sciences (6 hours)	6
	fulfilled by ECON 102 and ECON 103	
	Cultural Studies: Non-Western Cultures (1 course)	3
	Cultural Studies: U.S. Minority Cultures (1 course)	3
	Cultural Studies: Western/Comparative Cultures (1 course)	3
	Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)	6-10
	fulfilled by CS 105; and MATH 115, MATH 220, MATH 221, MATH 231, MATH 234, or STAT 100	
	Language Requirement (Completion of the third semester or equivalent of a language other than English is required)	0-15

### Business Core Requirements

Code	Title	Hours
ACCY 201 & ACCY 202	Accounting and Accountancy I and Accounting and Accountancy II	6
BUS 101	Professional Responsibility and Business	3
BUS 201	Business Dynamics	3
BUS 301	Business in Action	3
BUS 401	Crafting Your Purpose in Business	3
BADM 210 & BADM 211	Business Analytics I and Business Analytics II	6
BADM 275	Introduction to Operations and Supply Chain Management	3
BADM 300	The Legal Environment of Bus	3
BADM 310	Mgmt and Organizational Beh	3
BADM 320	Principles of Marketing	3
BADM 449	Business Policy and Strategy	3
CMN 101	Public Speaking	3
CS 105	Intro Computing: Non-Tech	3
ECON 102 & ECON 103	Microeconomic Principles and Macroeconomic Principles	6
FIN 221	Corporate Finance	3
	<b>Business Core Math</b>	<b>3-5</b>

Choose one course from list below:

MATH 115	Preparation for Calculus
MATH 220	Calculus
MATH 221	Calculus I
MATH 231	Calculus II
MATH 234	Calculus for Business I
STAT 100	Statistics

**Minimum Total Hours** 57

**Specific Major Requirements:** Students are required to complete an approved internship to earn the Bachelor of Science in Supply Chain

Management degree. The approved internship must be completed and a report submitted prior to enrollment in BADM 336.

Code	Title	Hours
<b>Supply Chain Management, BS Major Core Requirements and Electives</b>		
BADM 324	Purchasing and Supply Mgmt	3
BADM 335	Supply Chain Management Basics	3
BADM 336	Supply Chain Modeling & Analytics	3
BADM 337	Practicum in Supply Chain Mgt	3
BADM 338	Global Supply Chain Management	3
BADM 350	IT for Networked Organizations	3
BADM 375	Operations Strategy	3
BADM 378	Logistics Management	3
<b>Major Electives (choose one):</b>		<b>3</b>
BADM 312	Designing and Managing Orgs	3
BADM 322	Marketing Research	3
BADM 325	Consumer Behavior	3
BADM 327	Marketing to Business and Govt	3
BADM 329	New Product Development	3
BADM 331	Making Things	3
BADM 357	Digital Making Seminar	3
BADM 366	Product Design and Development	3
BADM 367	Mgmt of Innov and Technology	3
BADM 374	Management Decision Models	3
BADM 377	Project Management	3
BADM 379	Business Process Improvement	3
BADM 453	Business Intelligence	3
<b>Total Hours</b>		<b>27</b>

for the degree of Bachelor of Science Major in Supply Chain Management

## Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a third level of a language other than English. See the corresponding section on the Degree and General Education Requirements page (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

First Year	Hours
<b>First Semester</b>	
BUS 101	3
ECON 102	3
Composition I or CMN 101	4

Language Other Than English (3rd level)	4
Business Core Math	3
<b>Total Hours 17</b>	<b>17</b>

First Year	Hours
<b>Second Semester</b>	
ECON 103	3
CS 105	3
FIN 221	3
CMN 101 (or Composition I)	3
General Education course	4
<b>Total Hours 16</b>	<b>16</b>

Second Year	Hours
<b>First Semester</b>	
BUS 201	3
BADM 210	3
ACCY 201	3
BADM 310	3
General Education course	3
<b>Total Hours 15</b>	<b>15</b>

Second Year	Hours
<b>Second Semester</b>	
BADM 211	3
BADM 275	3
BADM 320	3
ACCY 202	3
General Education course	4
<b>Total Hours 16</b>	<b>16</b>

Third Year	Hours
<b>First Semester</b>	
BUS 301	3
BADM 324	3
BADM 335	3
BADM 350	3
General Education course	3
<b>Total Hours 15</b>	<b>15</b>

Third Year	Hours
<b>Second Semester</b>	
BADM 300	3
BADM 375	3
BADM 378	3
BADM Major Elective	3

General Education course	3
	<b>15</b>

**Total Hours 15****Fourth Year**

First Semester	Hours
BUS 401	3
BADM 336	3
BADM 338	3
General Education course	3
General Education course	3
	<b>15</b>

**Total Hours 15****Fourth Year**

Second Semester	Hours
BADM 337	3
BADM 449	3
General Education course	3
Free Elective course	3
Free Elective course	3
	<b>15</b>

**Total Hours 15****Total Hours: 124**

*for the degree of Bachelor of Science in Supply Chain Management*

1. **Disciplinary Competence:** Gain an understanding of the structure of supply chains, the fundamental principles of managing them, and their interactions with other business functions.
2. **Analytical & Critical Thinking Skills –** Apply quantitative and qualitative methods to analyze, model, and evaluate supply chain components, critically assess real-world challenges, and develop data-driven, practical solutions that enhance decision-making and efficiency
3. **Group Work:** Demonstrate the ability to collaborate as an effective team member in varying roles in diverse groups/environments.
4. **Communication:** Develop the ability to effectively and professionally tell a persuasive story through oral and written presentations.

*for the degree of Bachelor of Science in Supply Chain Management*

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## **Gies College of Business (<https://giesbusiness.illinois.edu/>)**

Overview of College Admissions & Requirements: Gies Catalog (<http://catalog.illinois.edu/schools/gies-business/>)