

## Supply Chain Management

# Supply Chain Management Major

**Undergraduate Program in New Brunswick**



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Class of 2017

# The Field

Supply Chain Management is how business gets done. Supply chain management spans all movement and storage of raw materials, work-in-process inventory, and finished goods from point-of-origin to point-of-consumption. According to the Bureau of Labor Statistics, Supply Chain Management is projected to be one of the fastest growing industries in recent years. [Read Poets & Quants article about "[Why Supply Chain Management Has Become A Hot Major At Business Schools, \(http://poetsandquantsforundergrads.com/2015/06/06/why-supply-chain-management-has-become-a-hot-major-at-business-schools/\)](http://poetsandquantsforundergrads.com/2015/06/06/why-supply-chain-management-has-become-a-hot-major-at-business-schools/)," featuring Rutgers Business School.]

Countless firms rely on new technologies and the coordination of processes to expedite the distribution of goods. The use of computers to analyze work routines in order to optimize the use of available labor has led to increases in productivity. Modern systems development and related processes have created an entirely new set of integrated operations management functions, which require managers of supply chains, resource managers of material or manufacturing resources planning (MRP), and process and inventory control managers.

The Supply Chain Management undergraduate major offers students the comprehensive knowledge and technological skills they need in order to ensure employment in leading supply chain management roles. The requisite knowledge and skill sets extend overall supply chain echelons and functional areas: strategic sourcing, global procurement, contract management, business performance improvement, supply chain technologies, and six sigma, pricing analysis, channel coordination, brand management, new product development, supply chain alignment, retail management, and distribution management.

Upon graduation, graduates will have the ability to re-engineer the business processes involving multiple firms and different functional departments to achieve a higher level of business performance and profitability.

## **Hear from Professor and Director of the SCM Undergraduate Program, William McLaury, about why you should consider majoring in Supply Chain Management.**

WATCH VIDEO ([HTTPS://WWW.YOUTUBE.COM/WATCH?V=BSTZ\\_SIAB2O&FEATURE=YOUTU.BE](https://www.youtube.com/watch?v=BSTZ_SIAB2O&FEATURE=Youtu.be))

## **Key Facts**

- Rutgers Business School Supply Chain Management undergraduate program is ranked 2nd in North America (Gartner, 2020)
- Over 92% of graduating seniors are placed within 3 months of graduation with 75% placed at or before graduation
- The average starting salary for a Rutgers Supply Chain Undergraduate is \$60,000
- 25% of SCM graduates are double majors

## **Career Paths**

The new generation of business school graduates who are competent and well-prepared, with solid knowledge in both supply chain management and marketing/sales management, are in high demand across all industries. Supply Chain Management students are prepared for positions such as procurement/sourcing manager, logistics planner, supply management analyst, acquisition project analyst, marketing analyst, and sales/distribution managers. Industries such as pharmaceutical and healthcare companies are investing heavily in creating and supporting supply chains that achieve new heights of efficiency and productivity.

Rutgers Business School students graduate from the SCM program with a strong business foundation and are well prepared to enter the job market.

## Sample Occupations

- Buyer/Senior Buyer
- Demand Manager
- Materials Analyst
- Procurement Manager
- Purchasing Agent/Analyst
- Senior Procurement Specialist
- Supplier Relationship Manager
- Vice President, Supply Chain Management

## Compensation

According to the 2020 U.S. Bureau of Labor Occupational Outlook Handbook, supply chain professionals with a bachelor's degree earned a median salary of \$74,750 (May 2019).

## How to Apply

- [Learn more about the admissions process \(/undergraduate-new-brunswick/admissions\)](#)
- [\(PDF\) Supply Chain Management Major factsheet \(/sites/default/files/documents/factsheet-undergraduate-new-brunswick-supply-chain-management-major.pdf\)](#)

# Curriculum

## **RBS Core Courses**

### **Required Courses**

**REQUIRED SUPPLY CHAIN COURSES**

<b>Course</b>	<b>Credits</b>	<b>Notes and Prerequisites</b>
33:799:305 Global Procurement & Sourcing Strategies	3	pre-req: 33:799:301
33:799:330 Business Logistics and Transportation	3	pre-req: 33:799:301
33:799:310 Demand Planning and Fulfillment	3	pre-req: 33:799:301
33:799:380 Intro. to Project Management	3	pre-req: 33:799:301
33:799:493 Internship in Supply Chain Management <b>OR</b> 33:799:421 Co-op in Supply Chain Management <b>OR</b> 33:799:420 SCM Industry Client Projects	3	pre-req for 33:799:493 and 33:799:421: 33:799:301; pre-reqs for 33:799:420: 33:799:305 or 33:799:330, and 33:799:380, and senior year only; Internship and Co-op by application only through the Supply Chain department
Supply Chain elective	3	
Supply Chain elective	3	
Supply Chain elective	3	

**Credit Total****24**

## Elective Courses

Course	Credits	Notes and Prerequisites
33:799:430 Supply Chain Risk and Disruption Management	3	pre-reqs: 33:799:305 or 33:799:330
33:799:440 Supply Chain Environmental Management / Green Purchasing	3	pre-reqs: 33:799:301 or 29:799:301
33:799:460 Introduction to Six Sigma and Lean Manufacturing	3	pre-reqs: 33:799:301 or 29:799:301
33:799:410 Service Management	3	pre-reqs: 33:799:301 or 29:799:301
33:799:498 Independent Studies in Supply Chain Management		pre-req: 33:799:301
33:799:450 Fundamentals of Supply Chain Management with SAP	3	pre-reqs: 33:799:301 or 29:799:301
33:799:470 Business Intelligence for Supply Chain and Marketing	3	pre-req: 33:799:301
33:799:491 Supply Chain Finance	3	pre-reqs: 33:799:301 or 29:799:301

33:630:370 Business to

3

pre-reqs: 33:630:301 or

## Supply Chain Management Double Major Policy

Students who major in Supply Chain Management (799) and another business school (school 33) major double count 3 elective credits as follows:

- If you major in Supply Chain Management and Finance, you may double count 33:390:440 Treasury Management
  - If Finance is dropped as a major this course cannot count as a SCM elective
- If you major in Supply Chain Management and Accounting, you may double count 33:010:451 Cost Accounting
  - If Accounting is dropped as a major this course cannot count as a SCM elective
- If you major in Supply Chain Management and Marketing, you may double count 33:630:385 Marketing Research
  - If Marketing is dropped this course can still count as an SCM elective
- If you major in Supply Chain Management and Leadership and Management, you may double count 33:620:350 Negotiations
  - If Marketing is dropped this course can still count as an SCM elective
- If you major in Supply Chain Management and BAIT, you may double count 33:799:450 Fundamentals of Supply Chain Management with SAP

## Supply Chain Major Special Notes

- Starting in Summer 2024, 33:390:310 Financial Management for Finance majors will not be offered. All RBS students will take 33:390:300 Financial Management regardless of major. A grade of B or higher will be required in



33:390:300 to declare the finance major or finance concentration and to take any additional courses in the finance department.

- If you major in Accounting as your first, second or third major, you are required to take 33:010:458 Accounting Information System and 33:140:320 Business Law I. You will not earn credit for taking 33:136:370 Management Information System. You can earn credit towards graduation if you take 33:522:334 Business Ethics but it will not fulfill a major requirement.
- Students with more than one Business School major may only double count **one** RBS course between those majors.
- Students may only take **one** experiential learning course towards their SCM required courses from among these three categories: SCM Industry Client Projects, Internship in Supply Chain Management, and Co-op in Supply Chain Management. Co-op in Supply Chain Management and Internship in Supply Chain Management for SCM required credits are by application only through the Supply Chain department. If you choose to take Co-op in Supply Chain as your one SCM required course, you will be registered for both 799:421 (SCM Co-op) for SCM credit and 011:482 (Special Topics in Admin Studies) for general elective credit.
- **Supply Chain Management Curriculum Guidesheet**  
(<https://myrbs.business.rutgers.edu/sites/default/files/uploads/ugnb-students/info-sheet-supply-chain.pdf>).
- **Course Descriptions/Syllabus Directory**  
(<https://myrbs.business.rutgers.edu/syllabi>).
- **Supply Chain Management Department (/faculty-research/supply-chain-management)**

