MASTER'S DEGREES IN SUPPLY CHAIN MANAGEMENT

Supply Chain Management Program (http://catalog.mit.edu/interdisciplinary/graduate-programs/supply-chain-management)

Master of Applied Science in Supply Chain Management
(Blended Program)

The Master of Applied Science in Supply Chain Management degree is an intensive, five-month blended program requiring 90 units of graduate subjects. The MASc degree is only available to students who have successfully completed the MITx MicroMasters credential in Supply Chain Management. Students receive 42 units of advance standing credit for completion of the MicroMasters Credential, complete at least 39 units of required and elective subjects, and complete a 9-unit capstone project. The subject requirements for this program are described below.

Subject Requirements
Students receive advanced standing credit for completion of the MicroMasters Credential, which constitutes the first semester of the program.

SCM.500 Studies in Supply Chain Management 42

Students complete the following subjects in residence, constituting the second semester of the program.

IAP Required Subjects
SCM.258 Written Communication Topics for Supply Chain Management 1
SCM.262 Leading Global Teams 3
SCM.254 Applied Programming and Data Analysis in Python 3

Spring Required Subjects
SCM.263 Advanced Writing Workshop for SCM 3
SCM.281 Supply Chain Public Speaking Workshop 1
SCM.295 Supply Chain Study Trek 1
SCM.256 Data Science and Machine Learning for Supply Chain Management 12
or 6.883 Advanced Topics in Artificial Intelligence

Finance Choices
Select one of the following: 3-9
15.401 Managerial Finance
15.521 Accounting Information for Decision Makers
SCM.253 Case Studies in Supply Chain Financial Analysis

Capstone Requirement
A capstone report, presentation, and executive summary of the project are required.

SCM.800 Capstone Project in Supply Chain Management 9

Required Electives
From the list of electives, select subjects in each of the following categories:

SCM Electives 6
Analysis Electives 6
Total Units 90-96

Electives
The subjects listed below are recommended. Students may select other subjects with the approval of the advisor.

SCM Electives
SCM.261[J] Case Studies in Logistics and Supply Chain Management 9
SCM.266 Freight Transportation 6
SCM.267 Global Supply Chain Management Topics 3
SCM.283 Humanitarian Logistics 6
SCM.284 Humanitarian Logistics with Project 12
SCM.290 Sustainable Supply Chain Management 6
SCM.291 Procurement Fundamentals 6
SCM.293[J] Urban Last-Mile Logistics 6
SCM.295 Supply Chain Study Trek 1

Analysis Electives
SCM.254 Applied Programming and Data Analysis in Python 3
15.871 Introduction to System Dynamics 6
15.872 System Dynamics II 6
IDS.145[J] Data Mining: Finding the Models and Predictions that Create Value 6
IDS.147[J] Statistical Machine Learning and Data Science 12
IDS.330 Real Options for Product and Systems Design 6
IDS.338[J] Multidisciplinary Design Optimization 12

Management Electives
15.762[J] Supply Chain Planning 6
15.763[J] Manufacturing System and Supply Chain Design 6
15.768 Management of Services: Concepts, Design, and Delivery 9
### Master's Degrees in Supply Chain Management

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<th>Course Code</th>
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<tr>
<td>15.769</td>
<td>Operations Strategy</td>
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<tr>
<td>15.784</td>
<td>Operations Laboratory</td>
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