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
- **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

**IAP 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
- **SCM.688** Advanced Topics in Artificial Intelligence

**Spring Required Subjects**

- **SCM.291** Procurement Fundamentals 6
- **SCM.293** Urban Last-Mile Logistics 6
- **SCM.295** Supply Chain Study Trek 1

**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.

**Required Electives**

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

- **SCM Electives**
  - **SCM.261** 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** Urban Last-Mile Logistics 6
  - **SCM.295** Supply Chain Study Trek 1

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

**Management Electives**

- **15.762** Supply Chain Planning 6
- **15.763** Manufacturing System and Supply Chain Design 6
- **15.768** Management of Services: Concepts, Design, and Delivery 9
<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>15.769</td>
<td>Operations Strategy</td>
<td>9</td>
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<tr>
<td>15.784</td>
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