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:*

- 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**

<p>| 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 |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>15.769</td>
<td>Operations Strategy</td>
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<tr>
<td>15.784</td>
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