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.

Required Electives

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

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
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.769</td>
<td>Operations Strategy</td>
<td>9</td>
</tr>
<tr>
<td>15.784</td>
<td>Operations Laboratory</td>
<td>9</td>
</tr>
</tbody>
</table>