MASTER OF ENGINEERING IN LOGISTICS (SUPPLY CHAIN MANAGEMENT)

The MIT Center for Transportation & Logistics (*http://catalog.mit.edu/mit/research/center-transportation-logistics*) (CTL) offers a 10-month master's program leading to a Master of Engineering in Logistics. See the Supply Chain Management (*http://catalog.mit.edu/interdisciplinary/graduate-programs/supply-chain-management*) program description for details.

A Master of Engineering in Logistics degree requires a minimum of 78 units of graduate subjects, plus a 12 unit thesis, which collectively constitute a program of at least 90 units. The subject and thesis requirements for this program are described below.

Subject Requirements [1]

Core Subjects		
15.871	Introduction to System Dynamics	6
SCM.250	Analytical Methods for Supply Chain Management	6
SCM.252	Supply Chain Software	3
SCM.259[J]	Business Writing for Supply Chain Management	3
SCM.260[J]	Logistics Systems	12
SCM.262	Leading Global Teams	6
SCM.263[J]	Thesis Writing for Supply Chain Management	3
SCM.264	Database Analysis for Supply Chain Management	12
SCM.265[J]	Global Supply Chain Management	6
SCM.803	Supply Chain Leadership Workshop	3
Financial Analysis Focus		
Select one of the following:		9
15.011	Economic Analysis for Business Decisions	
15.521	Management Accounting and Control	
SCM.251	Supply Chain Financial Analysis	
Strategy Focus		
Select one of the following:		9
SCM.261[J]	Case Studies in Logistics and Supply Chain Management	
15.769	Operations Strategy	
Electives		
Select 6–30 units. The subjects listed below are recommended but other choices can be approved by the graduate advisor.		6–30
15.062[J]	Data Mining: Finding the Data and Models that Create Value	
15.321	Improvisational Leadership: In-the-Moment Leadership Skills	
15.390	New Enterprises	
15.399	Entrepreneurship Lab	
15.665	Power and Negotiation	
15.671	U-Lab: Transforming Self, Business and Society	
15.761	Introduction to Operations Management	
15.764[J]	The Theory of Operations Management	
15.768	Management of Services: Concepts, Design, and Delivery	
15.872	System Dynamics II	
15.900	Competitive Strategy	
15.913	Strategies for Sustainable Business	
15.915	Laboratory for Sustainable Business	
IDS.150[J]	Supply Chain Planning	
IDS.151[J]	Manufacturing System and Supply Chain Design	
IDS.155[J]	The Theory of Operations Management	
IDS.305[J]	Business and Operations Analytics	
IDS.332	Engineering Systems Analysis for Design	
IDS.333	Risk and Decision Analysis	
IDS.338[J]	Multidisciplinary System Design Optimization	
SCM.266	Freight Transportation	
SCM.283	Humanitarian Logistics	

[1] *Students who have already successfully completed one of the required subjects at a graduate level elsewhere may petition to replace that subject with another elective.*

Thesis Requirement

A Master's thesis, presentation and executive summary of the thesis are required.	
SCM.THG	Graduate Thesis