

LOGISTICS AND SUPPLY CHAIN MANAGEMENT, MASTER OF SCIENCE

The Master of Science (MS) and Doctor of Philosophy (PhD) programs in Logistics and Supply Chain Management (LSCM) offer innovative multidisciplinary curricula featuring a unique learning and research experience for students. During the course of their academic studies at CSE's Division of Engineering Management and Decision Sciences, students will develop essential skills and a knowledge of engineering, management, and decision-making processes.

For more information, click here (<https://www.hbku.edu.qa/en/cse/ms-logistics-supply-chain-management/>).

Requirements

Minimum hours required to complete program 33 CH

Code	Title	Hours
Core Courses		
LSCM 601	Research Ethics and Methods	3
LSCM 607	Optimization Models and Methods	3
LSCM 611	Supply Chain Management	3
Subtotal		9
Elective Courses		
Select five of the following:		15
Free elective: Students can take one course from any HBKU program		
LSCM 605	The Pricing of Financial Contracts	
LSCM 617	Production and Operations Management	
LSCM 621	Project Management in Logistics	
LSCM 625	Behavioral Logistics Management	
LSCM 627	Simulation Optimization Methods	
LSCM 631	Port Management and Maritime Logistics	
LSCM 635	Business Performance Management	
LSCM 641	Facility and Transportation Management	
LSCM 651	Financial Techniques for Investment Appraisal	
LSCM 671	Principles of Reinforcement Learning for Engineering Management	
LSCM 706	Independent studies	
LSCM 711	Supply Chain Modeling and Optimization	
LSCM 721	Advanced Topics in Supply Chain Management	
LSCM 731	Industry 4.0 in Manufacturing and Supply Chain	
LSCM 741	Machine Learning for Supply Chain Management	
SPT 777	Sport and Events Logistics	
Subtotal		15
Seminar		
Must pass once		
LSCM 701	Research Seminar	0
Subtotal		0
Thesis or Project		
Select one of the following:		
LSCM 690	Applied Project (+ One elective from list above)	
LSCM 695	Master's Thesis Hours	
Subtotal		9
Non-Course Requirements		

699	Thesis Defense	0
Total		33

Study Plan Project

Course	Title	Hours
First Year		
First Semester		
LSCM 601	Research Ethics and Methods	3
LSCM 607	Optimization Models and Methods	3
LSCM 611	Supply Chain Management	3
LSCM 701	Research Seminar	0
Semester Hours		9
Second Semester		
Elective 1		3
Elective 2		3
Elective 3		3
Semester Hours		9
Second Year		
First Semester		
Elective 4		3
Elective 5		3
Elective 6		3
Semester Hours		9
Second Semester		
LSCM 690	Applied Project	6
Semester Hours		6
Total Hours		33

Thesis

Course	Title	Hours
First Year		
First Semester		
LSCM 601	Research Ethics and Methods	3
LSCM 607	Optimization Models and Methods	3
LSCM 611	Supply Chain Management	3
LSCM 701	Research Seminar	0
Semester Hours		9
Second Semester		
Elective 1		3
Elective 2		3
Elective 3		3
Semester Hours		9
Second Year		
First Semester		
LSCM 695	Master's Thesis Hours	3
Elective 4		3
Elective 5		3
Semester Hours		9
Second Semester		
LSCM 695	Master's Thesis Hours	6
Semester Hours		6
Total Hours		33