

LOGISTICS AND SUPPLY CHAIN MANAGEMENT, PHD

The Doctor of Philosophy (PhD) in Logistics and Supply Chain Management (LSCM) offers 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/phd-logistics-supply-chain-management/>).

Requirements

Minimum hours required to complete program 60 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 three of the following:		9
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	
SPT 777	Sport and Events Logistics	
LSCM 731	Industry 4.0 in Manufacturing and Supply Chain	3
LSCM 741	Machine Learning for Supply Chain Management	3
Subtotal		15
Seminar		
Must pass twice		
LSCM 701	Research Seminar	0
Subtotal		0
Dissertation		
LSCM 890	Dissertation Hours	0-9
Subtotal		42
Non-Course Requirements		
899	Dissertation Defense	0
790	Doctoral Qualifying Exam	0

799	Candidacy Exam	0
Total Hours		60

Study Plan

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		
LSCM 701	Research Seminar	0
Elective 1		3
Elective 2		3
Elective 3		3
Semester Hours		9
Second Year		
First Semester		
LSCM 890	Dissertation Hours	9
Semester Hours		9
Second Semester		
LSCM 890	Dissertation Hours	9
Semester Hours		9
Third Year		
First Semester		
LSCM 890	Dissertation Hours	9
Semester Hours		9
Second Semester		
LSCM 890	Dissertation Hours	9
Semester Hours		9
Fourth Year		
First Semester		
LSCM 890	Dissertation Hours	6
Semester Hours		6
Total Hours		60