

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 | |
| LSCM 731 | Industry 4.0 in Manufacturing and Supply Chain | |
| SPT 777 | Sport and Events Logistics | |
| Subtotal | | 9 |
| 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 |