LEBANESE INTERNATIONAL UNIVERSITY

Major Title: Masters of Science in Computer Science
Major Code: MCSCI
Level: graduate
Number Of Credits: 36
Date: 11-01-2024

Masters of Science in Computer Science (MCSCI)

Major Electives

Code	Title	Credits	Prerequisites	Corequisites
	Elective	3		
	Elective	3		
	Elective	3		
	Elective	3		
	Elective	3		
	Total	15		

Core Requirements

Code	Title	Credits	Prerequisites	Corequisites
CSCI510	Design and Analysis of Algorithm	3		
CSCI511	Distributed Operating Systems	3		
CSCI512	Information Retrieval	3		
CSCI513	Advanced Database Systems	3		
CSCI514	Advanced Computer Networks	3		
CSCI515	Computer Ethics	3		
	Total	18		

Major Requirements

Code	Title	Credits	Prerequisites	Corequisites
CSCI598	Project	3		
	Total	3		

Major Elective Courses

Code	Title	Credits	Prerequisites	Corequisites
CSCI521	Machine Learning	3		
CSCI599	Scientific Research	3	CSCI598	
CSCI611	Object Oriented Software Engineering	3		
CSCI612	Professional Issues in Computing	3		
CSCI613	Software Testing and Quality Assurance Management	3		
CSCI614	Software Engineering of Distributed Systems	3		
CSCI615	Data Mining and Data Warehouse	3		
CSCI621	Wireless Networks	3		
CSCI622	Cloud Computing	3		
CSCI623	Network Security	3		
CSCI624	Next-Generation IP Networks	3		
CSCI625	Mobile Systems and Applications	3		
CSCI631	Fundamentals of Robotics	3		
CSCI632	Bioinformatics	3		
CSCI633	Image Processing	3		
CSCI634	Mathematics for Computer Science	3		
CSCI635	Blockchain technology	3		