



**L E B A N E S E
I N T E R N A T I O N A L
U N I V E R S I T Y**

Major Title: Masters of Science in Computer Science
Major Code: MCSCI
Level: graduate
Number Of Credits: 36
Date: 19-01-2017

Masters of Science in Computer Science (MCSCI)

First Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
CSCI510	Design and Analysis of Algorithm	3		
CSCI514	Advanced Computer Networks	3		
CSCI512	Information Retrieval	3		
CSCI511	Distributed Operating Systems	3		
	Major Elective	3		
CSCI595	Special Graduate Skills	0		
	Major Elective	3		
	Major Elective	3		
	Major Elective	3		
	Major Elective	3		
CSCI515	Computer Ethics	3		
CSCI513	Advanced Database Systems	3		
CSCI598	Project	3		
Total		36		

Major Elective Courses

Code	Title	Credits	Prerequisites	Corequisites
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		