



**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: Master of
Computer Science
Major Code: MCS
Level: graduate
Number Of Credits: 36
Version: 2
Version
Date: 2025-10-06
12:37:54

Master of Computer Science (MCS)

Major Electives

Code	Title	Credits	Prerequisites	Corequisites
	Major Elective	3		
	Major Elective	3		
	Major Elective	3		
	Major Elective	3		
	Major 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
CSCI626	Applied Cryptography	3		
CSCI627	Cyber Threat Intelligence	3		
CSCI636	Software Architecture and Design Patterns	3		
CSCI637	Core foundation of modern AI	3		
CSCI638	Introduction to Autonomous Systems	3		
CSCI521 (Set A)	Machine Learning	3		
CSCI599 (Set A)	Scientific Research	3	CSCI598	
CSCI611 (Set A)	Object Oriented Software Engineering	3		
CSCI612 (Set A)	Professional Issues in Computing	3		
CSCI613 (Set A)	Software Testing and Quality Assurance Management	3		
CSCI614 (Set A)	Software Engineering of Distributed Systems	3		
CSCI615 (Set A)	Data Mining and Data Warehouse	3		
CSCI621 (Set A)	Wireless Networks	3		

CSCI622 (Set A)	Cloud Computing	3		
CSCI623 (Set A)	Network Security	3		
CSCI634 (Set A)	Mathematics for Computer Science	3		
CSCI635 (Set A)	Blockchain technology	3		