LEBANESE INTERNATIONAL UNIVERSITY

Major Title: Masters of Science in Computer & Communication Engineering
Major Code: MCCE
Level: graduate
Number Of Credits: 52
Date: 11-01-2024

Masters of Science in Computer & Communication Engineering (MCCE)

First Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
ENGG515	Advanced Engineering Mathematics	3		
CENG507	Embedded Systems	3		
EENG537	Digital Communications	3		
EENG527	Digital Signal Processing	3		
Total		12		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
CENG557	Advanced Network Architectures	3	ENGG515	
EENG587	Wireless Communication	3	EENG537	
	Elective	3		
	Elective	3		
Total		12		

Second Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
	Elective	3		
	Elective	3		
	Elective	1		
CENG695A	Master Thesis Project(Part I)	3	EENG537 - EENG527 - CENG557	
	Elective	3		
Total		13		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
	Elective	3		
	Elective	3		
	Elective	3		
CENG695B	Master Thesis Project(Part II)	3	CENG695A	
CENG685	Information Security	3	CENG557	
Total		15		

Major Elective Courses

Code	Title	Credits	Prerequisites	Corequisites
CENG564	Advanced Signal Processing with FPGA	3	EENG527 - CENG507	CENG564L
CENG564L	Advanced Signal Processing with FPGA Lab	1		CENG564
CENG565	Embedded Systems and Applications	3		CENG565L
CENG565L	Embedded Systems and Applications Lab	1		CENG565
CENG566	Machine Learning	3	EENG527 - ENGG515	CENG566L
CENG566L	Machine Learning Laboratory	1	ENGG515 - EENG527	CENG566
CENG625	Cryptography & Advanced Computer Security	3	CENG557 - ENGG515	

CENG643	Distributed Systems and Network Programming	3		CENG557
CENG645	Mobile Communication	3	EENG587 - EENG577	
CENG646	Data Mining	3	CENG566	
CENG655	Queueing Theory	3		CENG557
CENG657	Advanced Network Simulation	3	CENG557 - ENGG515	
CENG675	Multimedia Networks	3	EENG527	CENG557
CENG677	Fiber Optics	3		CENG557
CENG678	Image Processing and Computer Vision	3	CENG675 - CENG566 - EENG527 - ENGG515	
CENG679	Satellite and Space Communications	3	EENG587 - EENG537 - EENG527	
CENG688	Wireless Sensor Networks	3	CENG507 - CENG557	
EENG577	Advanced Digital Communications	3	ENGG515 - EENG537	
EENG637L	Advanced Digital Communication Lab	1	EENG577 - EENG537	CENG645