

Admission Year	2023	Program	Master
Plan Type	Comprehensive exam	Semester	Summer
Hours		Item Type	Department Elective
Group NO		Max Registration hrs	3
Faculty	3		
Department	2		
Special Department	Information Technology and Computer Sciences		
Gender	Computer Science		
	Computer Science		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
CIS 641	Advanced Software Engineering	3		(ن.ح ٦٤١)	Normal
CIS 687	Advanced Data Security and Privacy	3		(MIS 662)	Normal
CME 612	Digital Signal Processing	3		(هت ٦١٢) (هت ١٦٢٠) (٦١٢١)	Online
CPE 620	Embedded Systems	3		(هت ١٦٤٢)	Blended
MATH 603	ADVANCED PARTIAL DIFFERENTIAL EQUATIONS	3		(ر ٦٠٣)	Blended
MATH 621	ADVANCED NUMERICAL ANALYSIS	3		(ر ٦٢١)	Blended
MATH 649	Advanced Number Theory and Cryptography	3		()	Blended
MIS 682	Business Intelligence and Analysis	3		(BIA 630) (ن.ح ٦٨٢١)	Normal
STAT 661	/	3		(حص ٦٦١)	Normal

Admission Year	2023	Program	Master
Plan Type	Comprehensive exam	Semester	Summer
Hours		Item Type	Department Elective
Group NO		Max Registration hrs	6
Faculty	6		
Department	1		
Special Department	Information Technology and Computer Sciences		
Gender	Computer Science		
	Computer Science		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
CS 603	Scientific Research Methodology	3		(٦٠٣ ح.ع)	Normal
CS 631	ADVANCED COMPUTER ARCHITECTURE	3		(٦٣١ ح.ع)	Blended
CS 636	DISTRIBUTED AND NETWORK OPERATING SYSTEMS	3		(٦٣٦ ح.ع)	Blended
CS 637	Wireless Sensor Networks	3		()	Blended
CS 638	HIGH PERFORMANCE COMPUTING	3		(٦٣٨ ح.ع)	Blended
CS 671	INTELLIGENT SYSTEMS FOR MANAGEMENT	3		(AI 671) (٦٧١ ح.ع)	Blended
CS 675	Machine Learning	3		(AI 675) (٦٧٥ ح.ع)	Normal
CS 681	Image Processing and Computer Vision	3		(AI 681)	Blended
CS 683	Information Security	3		()	Blended
CS 691	SPECIAL TOPICS	3		(٦٩١ ح.ع)	Blended

Admission Year	2023	Program	Master
Plan Type	Comprehensive exam	Semester	Summer
Hours		Item Type	Department Mandatory
Group NO	24	Max Registration hrs	24
Faculty	1		
Department			
Special Department	Information Technology and Computer Sciences		
Gender	Computer Science		
	Computer Science		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
CS 617	Advanced Object Oriented Programming	3		()	Online
CS 630	ADVANCED OPERATING SYSTEMS	3		(٦٣٠ ج.ع)	Blended
CS 632	PARALLEL PROCESSING	3		(٦٣٢ ج.ع)	Blended
CS 634	COMPUTER NETWORK ARCHITECTURES	3		(٦٣٤ ج.ع)	Blended
CS 651	ADVANCED ANALYSIS AND DESIGN OF ALGORITHMS	3		(٦٥١ ج.ع)	Normal
CS 670	ADVANCED ARTIFICIAL INTELLIGENCE	3		(AI 670) (٦٧٠ ج.ع)	Normal
CS 672	KNOWLEDGE-BASE SYSTEMS	3		(AI 672) (٦٧٢ ج.ع)	Blended
CS 695	GRADUATION PROJECT	3		(٦٩٥ ج.ع)	Normal
CS 698	COMPREHENSIVE EXAM	0		(٦٩٨ ج.ع)	Normal