Academic study plans

Admission Year	2023	Program	Master
Plan Type	Thesis	Semester	Summer
Hours	3	Item Type	Department Elective
Group NO	2	Max Regestration hrs	3
Faculty		Information Technology and Computer Sciences	
Department		Computer Science	
Special Department		Computer Science	
Gender		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) (هح ١٦٢٠) (هت 612ا)	Online
CPE 620	Embedded Systems	3		(هح 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.ا ٦٨٢)	Normal
STAT 661	/	3		(حص ٦٦١)	Normal

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

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
CS 617	Advanced Object Oriented Programming	3		( )	Online
CS 631	ADVANCED COMPUTER ARCHITECTURE	3		(٦٣١ ح.ع)	Blended
CS 632	PARALLEL PROCESSING	3		(٦٣٢ 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	INTELLINGENT SYSTEMS FOR MANAGEMENT	3		(AI 671) (٦٧١ ح.ع)	Blended
CS 672	KNOWLEDGE-BASE SYSTEMS	3		(AI 672) (٦٧٢ ح.ع)	Blended
CS 675	Machine Learning	3		(AI 675) (هح 615)	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	Thesis	Semester	Summer
Hours	24	Item Type	Department Mandatory
Group NO	1	Max Regestration hrs	24
Faculty		Information Technology and Computer Sciences	
Department		Computer Science	
Special Department		Computer Science	
Gender		BOTH	

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
CS 603	Scientific Research Methodology	3		(٦٠٣ ح.ع)	Normal
CS 630	ADVANCED OPERATING SYSTEMS	3		(٦٣٠ ح.ع)	Blended
CS 634	COMPUTER NETWORK ARCHITECTURES	3		(٦٣٤ ح.ع)	Blended
CS 651	ADVANCED ANALYSIS AND DESIGN OF ALGORITHMS	3		(٦٥١ ح.ع)	Normal
CS 670	ADVANCED ARTIFICIAL INTELLIGENCE	3		(AI 670) (٦٧٠ ح.ع)	Normal
CS 699A	MASTER THESIS	0		(١٦٩٩ ح.ع)	Normal
CS 699B	MASTER THESIS	3		(ب٦٩٩ ح.ع)	Normal
CS 699C	MASTER THESIS	6		(ج٦٩٩ ح.ع)	Normal
CS 699D	MASTER THESIS	9		(د٦٩٩ ح.ع)	Normal