

Admission Year	2023	Program	Master
Plan Type	Thesis	Semester	Summer
Hours	9	Item Type	Department Elective
Group NO	1	Max Registration hrs	9
Faculty	Information Technology and Computer Sciences		
Department	Computer Information Systems		
Special Department	Computer Information Systems		
Gender	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
CIS 633	Advanced Distributed Systems	3		(٦٣٣ ح.ن)	Normal
CIS 642	Software Modeling and Design	3		()	Blended
CIS 643	Requirement Engineering	3		()	Normal
CIS 644	Software Testing and Performance Assessment	3		(٦٤٤ ح.ن)	Normal
CIS 646	Aspect Orientation	3		()	Normal
CIS 647	Software Reuse	3		()	Normal
CIS 648	Software Maintenance and Re-engineering	3		(٦٤٨ ح.ن)	Normal
CIS 662	Advanced Database Systems	3		(٦٦٢ ح.ن)	Normal
CIS 665	Practical Data Analytics	3		()	Normal
CIS 666	Web-Based Information Retrieval Systems	3		(٦٦٦ ح.ن)	Blended
CIS 668	Advanced data warehousing	3		(٦٦٨ ح.ن)	Normal
CIS 669	Big data management	3		()	Normal
CIS 683	Web Technology	3		()	Blended
CIS 685	Internet of Things: Multimedia Technology	3		()	Blended
CIS 686	Social Network Analysis	3		()	Blended
CIS 691	Special Topics in Information Systems	3		(٦٩١ ح.ن)	Normal
MIS 682	Business Intelligence and Analysis	3		(BIA 630) (٦٨٢ ا.ن)	Normal

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

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
CIS 601	Research Methodology	3		(ع.ح ٦٠٣)	Blended
CIS 641	Advanced Software Engineering	3		(ن.ح ٦٤١)	Normal
CIS 660	Data Science	3		()	Normal
CIS 667	Advanced Data Mining	3		(ن.ح ٦٦٧)	Blended
CIS 687	Advanced Data Security and Privacy	3		(MIS 662)	Normal
CIS 699A	MASTER THESIS	0		(ن.ح ١٦٩٩)	Normal
CIS 699B	MASTER THESIS	3		(ن.ح ٦٩٩ ب)	Normal
CIS 699C	MASTER THESIS	6		(ن.ح ٦٩٩ ج)	Normal
CIS 699D	MASTER THESIS	9		(ن.ح ٦٩٩ د)	Normal