

Study Plan for Master's Degree in Cybersecurity for year 2023-2024

The Master's Degree Program (Thesis) in Cybersecurity awarded at Princess Sumaya University for Technology after the successful completion of 34 Credit Hours distributed as follows:-

Program Requirements (25 CHs)

1. Compulsory Requirements (16 CHs)

Course Number	Course Title	Credit Hours	Prerequisite	Concurrent
15710	Advanced Cryptography	3		
15711	Digital Forensics Investigation	3		
15720	Advances Network Security	3	15710	
15750	Cyber Threat Intelligence	3		
15780	Legal governance and Compliance	3		
15790	Seminar	1		

2. Elective Requirements (9 CHs)

Course Number	Course Title	Credit Hours	Prerequisite	Concurrent
15713	Advanced Digital Forensic	3	15711	
15714	Advanced Data Integrity and Authentication	3	15710	
15715	Block Chain Technologie	3	15710	
15721	Wireless and Mobile security	3	15720	
15722	Cloud Computing Security	3	15720	
15723	Multimedia Security	3		
15730	Malware Reverse Engineering	3		
15732	Introduction to Hardware Security and Trust	3	15710	
15733	Cyber-Physical System and Security	3		
15751	Ethical Hacking Techniques	3		
15760	Secure Software Development	3		
15781	Information System Risk Management	3		
15784	Cyber Resillience and Business Continuity	3		
15792	Special Topics In Cybersecurity	3		
15793	Current Emerging Trends In Cybersecurity	3		

Thesis Requirements (9 CHs)

Course Number	Course Title	Credit Hours	Prerequisite	Concurrent
15799	Thesis	9		
157990	Thesis	0		
157993	Thesis	3		
157996	Thesis	6		