



Mutah University  
College of Graduate Studies

## Master's Degree in Computer Engineering / Cyber Security and Cloud Computing Thesis Track

**Thesis Track: The number of credit hours for graduation is 33 hours, distributed as follows:**

	Course Code	Course Title	Credit Hours	Prerequisite
<b>A: - Specialization Requirements Compulsory Credit Hours (15)</b>	0405730	Cloud Computing Architecture and Services	3	
	0405731	Enterprise Systems and Network Security	3	
	0405732	Cyber Systems Engineering	3	
	0405733	Cyber Engineering and Risk Management	3	
	0406724	Research Methodology	3	

	Course Code	Course Title	Credit Hours	Prerequisite
<b>B: - Elective Major Requirements Credit Hours (9)</b>	0405734	Cyber Security Operation	3	
	0405735	Cyber Data Analytics	3	
	0405736	Cyber law and Ethics	3	
	0405737	Selected Topics in Cyber Security	3	
	0405738	Cyber Investigation	3	
	0405739	Security Architecture and Design	3	
	0405740	Ethical Hacking	3	
	0405741	Block Chain Technology	3	
	0405742	Cyber Warfare	3	
	0405704	Cloud Computing Security	3	
	0405743	Fundamentals of Cryptography	3	
	0405744	Forensics Analysis	3	

- Thesis Preparation (Thesis Code): Equivalent to (9) credit hours, provided the student successfully passes the defence examination.
- The Dean, based on the recommendation of the Department Committee and the College Committee, may assign the student remedial courses not exceeding (9) credit hours. This must be documented in the admission letter, and the student is required to complete them during the first year.