Curriculum for BSc Degree in Cybersecurity Engineering

4 th Year		3 rd Year		2 nd Year		1 st Year			
2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	#	
Entrepreneurship (6)	Digital Forensics and Cyber Crime (6)	Embedded and Real Time Systems (6)	Discrete Mathematics (6)	Social Engineering (6)	Physics II (6)	Mathematics II (6)	Mathematics I (6)	1	
Quantum Computing (6)	IoT Security (6)	Cybersecurity (8)	Data Structures and Algorithms (6)	Digital Logic Design (6)	Electrical Circuit (6)	English Language II (6)	English Language I (6)	2	
Industrial Control System Security (6)	Ethical Hacking (6)	Database Design & SQL (6)	Digital Electronics (6)	Operating System (6)	Linear Algebra (6)	Programming Fundamental (6)	Computer Essentials (5)	3	Credit Hours (ECTS)
Wireless and Mobile Security (6)	Big Data Analytics & Security (6)	Applied Cryptography (6)	Cloud Computing Infrastructure Security (6)	Probability and Statistics (6)	Object-Oriented Programming (6)	Physics I (6)	Introduction to Cybersecurity (4)	4	
Graduation Project I (6)	Graduation Project I (6)	Summer Training (4)	Computer Architecture and Organization (6)	Network Security (6)	Computer Networks (6)	Technical Writing & Communication Skills (6)	Engineering Drawing (CAD) (4)	5	
						Kurdology (5)		6	
30 Credits	30 Credits	30 Credits	30 Credits	30 Credits	30 Credits	35 Credits	25 Credits		Total
240 ECTS Credits									Credits