

1. PoS

There are two exit routes:

1. M. Sc in Cybersecurity (Industrial project)

8 core course (3 credits each) + 2 Major Electives (3 credit each) + Industrial Project (3 credits) = Total 33 credits

2. M. Sc in Cybersecurity (Comprehensive exam)

9 core course (3 credits each) + 2 Major Electives (3 credit each) + Comprehensive Exam (0 credit) = Total 33 credits

Master of Science in Cybersecurity

Exit Route (Comprehensive Exam)

Year 1			
Semester 1 9 credits			
Crs Code	Crs Title	Credits	Pre-requisite
CYBR 501	Advanced Computer and Network Security	3	
CYBR 511	Data security and privacy	3	<=CYBR 501
CYBR 521	Introduction to Cybersecurity	3	
Semester 2 9 credits			
Crs Code	Crs Title	Credits	Pre-requisite
CYBR 551	Information Assurance	3	< CYBR 501
CYBR 561	Advanced Cryptography	3	< CYBR 511
CYBR 5XX	Elective1	3	
Year 2			
Semester 3 9 credits			

Crs Code	Crs Title	Credits	Pre-requisite
CYBR 601	Penetration Testing: Ethical Hacking and Social Engineering	3	< CYBR 561
CYBR 611	Software Quality Assurance	3	< CYBR 551
CYBR 621	Research methods and ethics	3	< CYBR 551
Semester 4 6 credits			
Crs Code	Crs Title	Credits	Pre-requisite
CYBR 651	Digital Media Forensics and Analysis	3	<CYBR 561
CYBR 5XX	Elective2	3	
	Comprehensive Exam	0	
		Total	33 Credits

CORE COURSES	9 COURSES(3 CRDTS each)	27
ELECTIVES	2 COURSES(3 CRDTS each)	06
COMPREHEMSIVE EXAM*	Based on any 4 core courses	0
TOTAL CREDITS		33

Master of Science in Cybersecurity

Exit Route (Industrial Project)

Year 1			
Semester 1 9 credits			
Crs Code	Crs Title	Credits	Pre-requisite
CYBR 501	Advanced Computer and Network Security	3	
CYBR 511	Data security and privacy	3	CYBR 501
CYBR 521	Introduction to Cybersecurity	3	
Semester 2 9 credits			
Crs Code	Crs Title	Credits	Pre-requisite
CYBR 551	Information Assurance	3	< CYBR 501
CYBR 561	Advanced Cryptography	3	< CYBR 511
CYBR 5XX	Elective1	3	
Year 2			
Semester 3 9 credits			
Crs Code	Crs Title	Credits	Pre-requisite
CYBR 601	Penetration Testing: Ethical Hacking and Social Engineering	3	< CYBR 561
CYBR 611	Software Quality Assurance	3	< CYBR 551
CYBR 621	Research methods and ethics	3	< CYBR 551

Semester 4 6 credits			
Crs Code	Crs Title	Credits	Pre-requisite
CYBR 690	Industrial Project	3	< CYBR 621
CYBR 5XX	Elective2	3	
		Total	33 Credits

CORE COURSES	8 COURSES(3 CRDTS each)	24
ELECTIVES	2 COURSES(3 CRDTS each)	06
INDUSTRIAL PROJECT*		3
TOTAL CREDITS		33