

# BSc Cybersecurity 2024 Study Plan

Year	Semester 1					Semester 2					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
1	1	AR113	Arabic Communication Skills I	EF003 & IT100 & MA10P	3	1	EL112	English Communication Skills II	EL111	3	
	2	EL111	English Communication Skills I	EF003 & IT100 & MA10P	3	2	GR131/GR111	University Elective	EF003 & IT100 & MA10P	3	
	3	GT101	Learning and Information Technology	EF003 & IT100 & MA10P	3	5	MST129	Applied Calculus	EF003 & IT100 & MA10P	4	
	4	GR118	Life Skills and Coexistence	EF003 & IT100 & MA10P	3	4	M110	Python Programming	EL111	8	
Total Hours in Semester					12	Total Hours in Semester					18

Year	Semester 3					Semester 4					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
2	1	MT131	Discrete Mathematics	EL111	4	1	TM256	Cyber Security	TM129	8	
	2	TM112	Introduction to Computing and Information Technology 2	M110	8	3	MT132	Linear Algebra	EL111	4	
	3	TM129	Technologies in practice	M110	8	3	M109	.Net Programming	M110	3	
Total Hours in Semester					20	Total Hours in Semester					15

Year	Semester 5					Semester 6					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
3	1	T216A	Cisco networking (CCNA)-A	TM112	8	1	T216B	Cisco networking (CCNA)-B	T216A	8	
	2	TT284	Web technologies	TM112	8	2	TM359	System penetration testing	TM256	8	
	3	MT101	General Mathematics	EL111	3	4	ITC309	Industrial Training	completeing 90 credits	0	
Total Hours in Semester					19	Total Hours in Semester					16

Year	Semester 7					Semester 8					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
4	1	TM311	Information security	T216B	8	1	T318	Applied Network Security	T216B	8	
	2	T471-I	Graduation Project (NS) - I	T321 / T316 / T318	4	2	TM471-II	Graduation Project - II	TM471-I	4	
	3	GB102	English Communication Skills II	EL112	3	3	TM260	Security, Ethics and Privacy in IT and Computing	TM256	4	
Total Hours in Semester					15	Total Hours in Semester					16

Core Programme Courses
Faculty Elective Courses
Faculty Requirement Courses
University Requirement Courses
University Elective Courses

**Total Credits:131**