BSc Cybersecurity
2025 Study Plan

Year 1

	Semester 1						Semester 2			
#	**Course Code**	**Course Title**	**Pre-Requisites**	**Cr. Hrs.**		**#**	**Course Code**	**Course Title**	**Pre-Requisites**	**Cr. Hrs.**
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 2

	Semester 3						Semester 4			
#	**Course Code**	**Course Title**	**Pre-Requisites**	**Cr. Hrs.**		**#**	**Course Code**	**Course Title**	**Pre-Requisites**	**Cr. Hrs.**
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 3

	Semester 5						Semester 6			
#	**Course Code**	**Course Title**	**Pre-Requisites**	**Cr. Hrs.**		**#**	**Course Code**	**Course Title**	**Pre-Requisites**	**Cr. Hrs.**
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	TM291	Database Management Systems	M110	3		4	ITC309	Industrial Training	completeing 90 credits	0
		Total Hours in Semester		19				**Total Hours in Semester**		16

Year 4

	Semester 7						Semester 8			
#	**Course Code**	**Course Title**	**Pre-Requisites**	**Cr. Hrs.**		**#**	**Course Code**	**Course Title**	**Pre-Requisites**	**Cr. Hrs.**
1	TM311	Information security	T216B	8		1	T318	Applied Network Security	T216B	8
2	T471-I	Graduation Project (NS) - I	TM311 / TM359 / T318	4		2	TM471-II	Graduation Project - II	TM471-I	4
3	GB102E	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

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

Total Credits:131