

Diploma AI 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	EL111	English Communication Skills I	EF003 & IT100 & MA10P	3	1	EL112	English Communication Skills II	EL111	3	
	2	GT101	Learning and Information Technology	EF003 & IT100 & MA10P	3	2	MT131	Discrete Mathematics	EL111	4	
	3	GR118	Life Skills and Coexistence	EF003 & IT100 & MA10P	3	3	MT141	Introduction to Probability and Statistics	EL111	4	
	4	MST129	Calculus and Probability	EF003 & IT100 & MA10P	4	4	M110	Python Programming	EL111	8	
	Total Hours in Semester					13	Total Hours in Semester				

Year	Semester 3					Semester 4					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
2	1	TM112	Introduction to Computing and Information Technology 2	M110	8	1	TM271	Machine Learning and Deep learning	TM270 & MT141	8	
	2	TM270	Artificial intelligence	TM112 & MT141	8	2	TM276	Software Development Processes and Methodologies	TM112	4	
						3	MT132	Linear Algebra	EL111	4	
Total Hours in Semester					16	Total Hours in Semester					16

Core Programme courses
University Requirement courses

Total Credits: 64