Artificial intelligence (AI) 2021				
First Year				
Semester	**Modules**	**Title**	**Credit Hours**	**Pre-requisite**
1st (13 CHs)	EL111	English Communication Skills I	3	EL099
	GR118	Life Skills and Coexistence	3	-
	GT101	Computing Essentials	3	-
	MST129	Applied Calculus	4	EL099
2nd (14 CHs)	AR113	Arabic Communication Skills	3	-
	EL112	English Communication Skills II	3	EL111
	MT131	Discrete Mathematics	4	EL111
	MT132	Linear Algebra	4	EL111
Second Year				
1st (18 CHs)	GB102	Principles of Entrepreneurship for NonSpecialists	3	-
	M110	Python Programming	8	EL111
	MT141	Introduction to Probability and Statistics	4	EL111
		A module from University Requirement/Elective	3	-
2nd (15 CHs)	TM112	Introduction to Computing and Information Technology	8	M110
	TM103	Computer Architecture and Organization	4	EL111
		Faculty Elective	3	
Third Year				
1st (16 CHs)	M269	Algorithm, Data structure and Computability	8	M110& MT131
	TM270	Artificial intelligence	8	TM112 & MT141
2nd (20 CHs)	TM271	Machine Learning and Deep learning	8	MT141 & TM270
	TM275	Parallel and Distributed Systems	4	TM103
	TM276	Software Development Processes and Methodologies	4	TM112
	TM260	Ethics, Law and the Governance in IT	4	TM271
Fourth Year				
1st (20 CHs)	TM351	Data Management and Analysis	8	M269
	TM340	Natural Language Processing	8	TM271
	TM471A	Graduation Project - A	4	TM351 or TM340 or TM341
2nd (15 CHs)	TM341	Computer Vision	8	TM271
	TM471B	Graduation Project - B	4	TM471A
		Faculty Elective	3	