

Advisory Plan for Artificial Intelligence - Plan 10								
First Year								
First Semester					Second Semester			
No.	Course Name	Cr.hrs	Prerequisite		No.	Course Name	Cr.hrs	Prerequisite
___	Level Exam (Arabic, English, Computer)	0	___		1501112	Computer Programming (2)	3	1501110
___	Compulsory university requirement	3	___		1501113	Programming (2) Lab	1	1501111
0300101	support requirement (Calculus 1)	3	___		1501220	Discrete Mathematics	3	1501110
1501110	Computer Programming (1)	3	___		1505201	Introduction to Artificial Intelligence	3	1501110
1501111	Programming (1) Lab	1	___		1506180	Web programming 1	3	1501110
1501130	Digital Logic Design	3	___		1506181	Web Lab (1)	1	1501111
	Sum	13			___	University Elective course	3	___
						Sum	17	

Second Year								
First Semester					Second Semester			
No.	Course Name	Cr.hrs	Prerequisite		No.	Course Name	Cr.hrs	Prerequisite
___	Compulsory university requirement	3	___		___	Compulsory university requirement	3	___
___	University Elective course	3	___		1503270	Introduction to Software Engineering	3	1501110
1501221	Data Structures	3	1501112		1505311	Machine Learning	3	1505201
1501222	Database Systems	3	1501112		1505332	Introduction to Data Science	3	1501222
1505221	Artificial Intelligence Programming	2	1501112		1505381	Introduction to Robotics	3	1505201
1505222	Artificial Intelligence Programming Lab	1	1501112		0301241	support requirement (Linear Algebra 1)	3	___
0300103	support requirement (Statistics and Probability)	3	___			Sum	18	
	Sum	18						

Third Year								
First Semester					Second Semester			
No.	Course Name	Cr.hrs	Prerequisite		No.	Course Name	Cr.hrs	Prerequisite
___	Department Elective Course	3	___		___	University Elective course	3	___
1501210	Selected programming language	3	1501112		___	Compulsory university requirement	3	___
1501321	Design and Analysis of Algorithms	3	1501221		1505315	Mathematics for Machine Learning	3	0300103 ,1505311
1501340	Computer Networks	3	1501221		150366	Digital Image Processing	3	1501221
1505412	Deep Learning	2	1505311		1505355	Data Mining and Warehousing	3	1501222
1505413	Deep Learning Lab	1	1505311		1506493	Internet of Things	3	1501340
1506385	Smart phone programming	3	1501112			Sum	18	
	Sum	18						

Fourth Year								
First Semester					Second Semester			
No.	Course Name	Cr.hrs	Prerequisite		No.	Course Name	Cr.hrs	Prerequisite
___	Department Elective Course	3	___		___	Compulsory university requirement	3	___
___	Compulsory university requirement	3	___		___	Department Elective Course	3	___
1501430	Operating Systems	3	1501221		___	Free Requirement	3	___
1505365	Information Retrieval	3	1501222		1505480	Big Data	3	1501222
1505461	Computer Vision	3	1505366		1505495	Project in AI	3	Dept. permission
1505391	Internship in Artificial Intelligence	0	Dept. permission			Sum	18	
	Sum	15						