

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	_____		_____	Compulsory university requirement	3	_____
_____	Compulsory university requirement	3	_____		_____	University Elective course	3	_____
0300101	support requirement (Calculus 1)	3	_____		1501112	Computer Programming (2)	3	1501110
1501110	Computer Programming (1)	3	_____		1501113	Programming (2) Lab	1	1501111
1501111	Programming (1) Lab	1	_____		1506180	Web programming 1	3	1501110
1501230	Digital Logic Design	3	_____		1506181	Web Lab (1)	1	1501110
Sum		13			Sum		14	
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	_____		0300103	support requirement (Statistics and Probability)	3	_____
0301241	support requirement (Linear Algebra 1)	3	_____		1505201	Introduction to Artificial Intelligence	3	1501221
1501220	Discrete Mathematics	3	1501110		1505221	Artificial Intelligence Programming	2	1501221
1501221	Data Structures	3	1501112		1505222	Artificial Intelligence Programming Lab	1	1501221
1503270	Introduction to Software Engineering	3	1501110		1501210	Selected programming language	3	1501112
Sum		18			Sum		15	
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	_____
1501321	Design and Analysis of Algorithms	3	1501221		1502365	Digital Image Processing	3	1501221
1501340	Computer Networks	3	1501221		1502452	Data Mining and Warehousing	3	1502351
1502351	Database Systems	3	1501221		1505315	Mathematics for Machine Learning	3	0300103,1505311
1505311	Machine Learning	3	1505201		1505381	Introduction to Robotics	3	1505201
1506385	Smart phone programming	3	1501112		1506493	Internet of Things	3	1501340
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	_____
1502461	Information Retrieval	3	1502351		1502496	Big Data	3	1502351
1505332	Introduction to Data Science	3	1502351		1505412	Deep Learning	2	1505311
1505391	Internship in Artificial Intelligence	0	Dept. permission		1505413	Deep Learning Lab	1	1505311
1505461	Computer Vision	3	1502365		1505495	Project in AI	3	Dept. permission
Sum		18			Sum		18	