الخطة الدراسية لبرنامج الحوسبة وعلوم البيانات:
Computing and Data Sciences

الاسم ....الرقم الجامعى..

حقوق انسان .... عسكرية ....

Course Code	Course Name	Cr	L	P	تم
02-24-00106	Probability and Statistics I	3	2	1	
02-24-00102	Calculus	3	2	1	
02-24-00103	Introduction to Computer Systems	3	2	1	
02-24-00104	Introduction to Data Sciences	3	2	1	
02-24-00105	Programming I	3	2	1	
0200000XX	Critical Thinking	2	2	0	

Course Code	Course Name	Cr	L	P	تم
02-24-00201	Probability and Statistics II	3	2	1	
02-24-00107	Discrete Structures	3	2	1	
02-24-01201	Advanced Calculus	3	2	1	
02-24-00101	Linear Algebra	3	2	1	
02-24-00110	Programming II	3	2	1	
0200000XX	Innovation & Entrepreneurship	2	2	0	

Course Code	Course Name	Cr	L	P	تم
02-24-00108	Data Structures and Algorithms	3	2	1	
02-24-00109	Introduction to Artificial Intelligence	3	2	1	

Course Code	Course Name	Cr	L	P	
02-24-00203	Numerical Computations	3	2	1	
02-24-01202	Data Science Methodology	3	2	1	
02-24-00202	Introduction to Databases	3	2	1	
0200000XX	University Elective	2	2	0	

Course Code	Course Name	Cr	L	P	تم
02-24-01204	Regression Analysis	3	2	1	
02-24-00205	Machine Learning	3	2	1	
02-24-01302	Design and Analysis of Experiments	3	2	1	
02-24-01203	Data Science Tools and Software	3	2	1	
02-24-01301	Stochastic Processes	3	2	1	
0200000XX	University Elective	2	2	0	

Course Code	Course Name	Cr	L	P	تم
02-24-00206	Data Mining and Analytics	3	2	1	
02-24-01302	Cloud Computing	3	2	1	
02-24-01303	Data Visualization Tools	3	2	1	
02-24-0X0XX	Faculty Elective	3	2	1	
02-24-0X0XX	Faculty Elective	3	2	1	
02-0X-000XX	University Elective	2	2	0	

Course Code	Course Name	Cr	L	P	تم
02-24-01304	Data Computation and Analysis	3	2	1	
02-24-01305	Survey Methodology	3	2	1	
02-24-01306	Computing Intensive Statistical Methods	3	2	1	

Course Code	Course Name	Cr	L	P	
02-24-0X0XX	Faculty Elective	3	2	1	
02-24-0X0XX	Faculty Elective	3	2	1	
02-0X-000XX	University Elective	2	2	0	

Course Code	Course Name	Cr	L	P	تم
02-24-01401	Big Data Analytics	3	2	1	
02-24-01402	Introduction to Social Networks	3	2	1	
02-24-01403	Simulations	3	2	1	
02-24-01404	Project I	3	2	1	
02-24-014XX	Program Elective	3	2	1	
02-24-014XX	Program Elective	3	2	1	
02-0X-000XX	University Elective	2	2	0	

Course Code	Course Name	Cr	L	P	تم
02-24-01405	Social Data Analytics	3	2	1	
02-24-01406	Distributed Data Analysis	3	2	1	
02-24-01407	Stream Processing	3	2	1	
02-24-01408	Project II	3	2	1	
02-24-014XX	Program Elective	3	2	1	
02-24-014XX	Program Elective	3	2	1	

Course Code	Course Name	Cr
02-24-01205	Field Training I	2

Course Code	Course Name	Cr
02-24-01307	Field Training II	2

Course Code	Course Name	Cr	L	P	تم
02-24-01409	Convex Optimization	3	2	1	
02-24-01410	Non-Linear and Combinatorial Optimization	3	2	1	
02-24-01411	Multivariate Statistical Analysis	3	2	1	
02-24-01412	Bayesian Statistics	3	2	1	
02-24-01413	Data Compression Techniques	3	2	1	
02-24-01414	Concurrent Algorithms and Data Structures	3	2	1	
02-24-01415	Distributed Database Systems	3	2	1	
02-24-01416	Advanced Database Systems	3	2	1	