

Data Science, AI, & Military Sciences Study Plan (2024/2025)

Proficiency Exams (0) ch			
Course n	Course name	c.h	prerequisite
2200096	Computer Skills	0	
1801096	Arabic Language (Level Exam)	0	
1802096	English Language (Level Exam)	0	

Remedial Requirement			
Course n	Course name	c.h	prerequisite
2200099	Computer Skills (99)	0	
1801099	Arabic Language (99)	0	
1802099	English Language (99)	0	

Compulsory University Requirements (15)ch			
Course n	Course name	c.h	prerequisite
0901321	Leadership Principles	2	
0901113	Intelligence	1	
0901411	Chemical Warfare	1	
1802103	English Language and Communication Skills	3	
0901423	Leadership and Management Skills	1	
0901115	Military Administration	3	
0901218	Military Geography	1	
0901343	Unmanned Aerial Systems	3	

Total Study Plan Credits: 141 c.h.

University Elective Requirements (6) ch			
Course n	Course name	c.h	prerequisite
0901118	Military History	1	
1801102	Arabic Language and Communication Skills	3	
0901228	Military Media	3	
1606210	Psychology Warfare	3	
0809103	Practical Life Skills	3	
2100102	Entrepreneurship and Innovation	3	
2102101	Fundamentals Of Management	3	
0901330	Military Correspondence in English (1)	3	
0901331	Military Correspondence in English (2)	2	
1600106	National Education and social responsibility	3	
0901335	Military French Language and Training(1)	3	
0901336	Military French Language and Training (2)	2	
0705111	Principles Of Law	3	

Compulsory Military Sciences College Requirements (36) ch			
Course n	Course name	c.h	prerequisite
0901223	Military Organization and Combat Arms	1	
0901116	Military Law	1	
0901204	First Aid	1	
0901105	Communications	1	
0901119	Map Reading and Navigation (1)	2	
0901121	Map Reading and compass Application	1	0901119
0901120	Map Reading and Navigation (2)	1	
0901104	Tactics(1)	3	
0901122	Small Unit Tactics	1	0901104
0901304	Tactics(2)	3	
0901322	Defensive Operations	1	0901304
0901400	Tactics(3)	3	
0901323	Offensive Operations	1	0901400
0901224	Staff Duties(1)	3	
0901325	Staff Duties(2)	2	
0901418	International military Relations	2	
0901422	Intelligence Preparation of the Battlefield	1	
0901333	Military English and Language Training(1)	3	
0901334	Military English and Language Training(2)	2	
0901344	Multi-Domain Operations	3	

Compulsory Major Requirement (84) ch			
Course n	Course name	c.h	prerequisite
0301101	Calculus (1)	3	
2221111	Introduction to information technology	3	
2222111	Discrete Structure for computing	3	
2222491	Graduation Project	3	2222471
0301131	Principles Of Statistics and Probability	3	0301101
2211122	Introduction to programming lab	1	2211121
2211123	Object Oriented programming	3	2211121
2211211	Data Structure	3	2211123
2211261	Introduction Database	3	2222111
2211212	Algorithms	3	2211211
2211214	Algorithms lab	1	2211212
2211351	Computer Network	3	2211431
2211362	Image Processing	3	2211212
2211431	Operating System	3	2211212
2222112	Linear algebra in database	3	0301131
2222161	Fundamentals of data science	3	2221111
2222231	Pattern recognition	3	2222241
2222232	Data modeling and simulation	3	2222261
2222233	Data discovery and visualization	3	2222161
2222241	Data science and AI programming	3	2211121
2222242	Data science and AI programming lab	1	2222241
2222243	Natural language processing	3	2222441
2222261	Introduction to artificial intelligence	3	2222111
2222271	Machine learning	3	2222261
2222381	Big data	3	2211261
2222441	Data mining	3	2222271
2222481	Deep learning	3	2222271
2222461	Data engineering	3	2222161
2222471	Smart robots	3	2222271
2211121	Introduction to programming	3	