

Mathematics & 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	

Military 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	
0301102	Calculus (2)	3	0301101
0301131	Principles Of Statistics and Probability	3	
0301150	Principles Of Mathematics	3	0301101
0301151	Set Theory	3	0301150
0301172	Operation Research	3	0301101
0301201	Calculus (3)	3	0301102
0301202	Discrete Mathematics	3	0301101
0301203	Ordinary Differential Equations (1)	3	0301102
0301211	Real Analysis (1)	3	0301151
0301233	Probability Theory	3	0301131
0301234	Mathematical Statistics	3	0301201
0301241	Abstract Algebra (1)	3	0301151
0301242	Linear Algebra (1)	3	0301101
0301262	Euclidean and Non- Euclidean Geometry	3	0301102
0301271	Principles Of Applied Mathematics	3	0301203
0301304	Partial Differential Equations	3	0301203
0301311	Real Analysis (2)	3	0301211
0301312	Complex Analysis (1)	3	0301201
0301323	Numerical Analysis (1)	3	0301102
0301341	Abstract Algebra (2)	3	0301241
0301342	Linear Algebra (2)	3	0301242
0301343	Number Theory	3	0301151
0301361	Topology (1)	3	0301151
0301371	Mathematical Methods	3	0301203
0301373	Graph Theory	3	0301242
0301381	History Of Mathematics	3	
0302101	General Physics (1)	3	