



Degree Plan

Degree : Bachelor	Faculty : College of Sciences	Plan hrs : 126
Semester : 221	Dept : mathematics	Plan Type : Main
Edition : 1	Major : 020205 Mathematics	Gender : All

Group : إجبارية (126)

First					
code	Course Name	Hr.	requisite	Year.	Activities Desc
011ENG-6-1	Intensive English Program 1	6	-	-	Theioritical (12)
101BIOL-4	General Biology	4	-	-	Theioritical (3), Practical (1)
101MATH-3	Calculus - 1	3	-	-	Theioritical (3)
111IC1-2	The Entrance to the Islamic Culture	2	-	-	Theioritical (2)
Total					15

Second					
101CMS-3	Computer Science	3	-	-	Theioritical (2), Practical (1)
101PHYS-4	Introduction to Physics	4	-	-	Theioritical (3), Practical (1)
101CHEM-4	General Chemistry -1	4	-	-	Theioritical (3), Practical (1)
110NGL-3	Scientific English for Science Students	3	011ENG-6 - S	-	Theioritical (3)
112IC1-2	Islamic Culture -2	2	-	-	Theioritical (2)
201ARAB-2	Arabic Language Skills	2	-	-	Theioritical (2)
Total					18

Third					
102CMS-2	Computation Skills 2	2	101CMS-3 - S	-	Theioritical (1), Practical (1)
113IC1-2	Islamic Culture -3	2	-	-	Theioritical (2)
202MATH-3	Calculus 2	3	101MATH-3 - S	-	Theioritical (3)
202ARAB-2	Arabic Editing	2	-	-	Theioritical (2)
211MATH-3	Principles of Statstics & Probability	3	-	-	Theioritical (3)
232MATH-3	Foundations of Mathematics	3	101MATH-3 - S	-	Theioritical (3)
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Forth

code	Course Name	Hr.	requisite	Year.	Activities Desc
114IC1-2	Islamic Culture -4	2	-	-	Theioritical (2)
203MATH-3	Calculus 3	3	202MATH-3 - S	-	Theioritical (3)
212STAT-3	Mathematical Statistics	3	211MATH-3 - S	-	Theioritical (3)
242MATH-3	Linear Algebra 1	3	232MATH-3 - S	-	Theioritical (3)
251MATH-2	Programing for Mathematics	2	101CMS-3 - S 102CMS-2 - S	-	Practical (1), Theioritical (1)
263MATH-3	Introduction to Differential Equations	3	202MATH-3 - S	-	Theioritical (3)
Total					16

Fifth

304MATH-3	Vector Analysis	3	203MATH-3 - S	-	Theioritical (3)
322MATH-3	Real Analysis 1	3	203MATH-3 - S	-	Theioritical (3)
343MATH-3	Linear Algebra 2	3	242MATH-3 - S	-	Theioritical (3)
344MATH-3	Number Theory	3	232MATH-3 - S 242MATH-3 - S	-	Theioritical (3)
361MATH-3	Applied Mathematics	3	202MATH-3 - S	-	Theioritical (3)
Total					15



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Sixth

code	Course Name	Hr.	requisite	Year.	Activities Desc
313STAT-3	Probability Theory 1	3	211MATH-3 - S 203MATH-3 - S	-	Theioritical (3)
323MATH-3	Real Analysis 2	3	322MATH-3 - S	-	Theioritical (3)
345MATH-3	Group Theory	3	232MATH-3 - S 344MATH-3 - S	-	Theioritical (3)
352MATH-3	Numerical Analysis	3	242MATH-3 - S 263MATH-3 - S	-	Theioritical (3)
363MATH-3	Mathematical Methods	3	263MATH-3 - S 343MATH-3 - S	-	Theioritical (3)
Total					15

Seventh

423MATH-3	Functions of Complex Variables	3	203MATH-3 - S 322MATH-3 - S	-	Theioritical (3)
445MATH-3	Rings And Fields	3	345MATH-3 - S	-	Theioritical (3)
464MATH-3	Theory of Differential Equations	3	263MATH-3 - S 343MATH-3 - S	-	Theioritical (3)
481MATH-3	Introduction to Topology	3	322MATH-3 - S	-	Theioritical (3)
490MATH-2	Special Topics	2	322MATH-3 - S	-	Theioritical (2)
491MATH-3	Resarch Project	3	313STAT-3 - S 322MATH-3 - S 345MATH-3 - S 363MATH-3 - S	-	Theioritical (3)
Total					17



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Eighth					
code	Course Name	Hr.	requisite	Year.	Activities Desc
414STAT-3	Probability Theory 2	3	323MATH-3 - S 313STAT-3 - S	-	Theioritical (3)
424MATH-3	Analysis in Several Variables	3	323MATH-3 - S	-	Theioritical (3)
432MATH-3	Introduction to Graph Theory And Combinatorics	3	344MATH-3 - S	-	Theioritical (3)
453MATH-3	Mathematical Programming	3	203MATH-3 - S	-	Theioritical (3)
472MATH-3	Differential Geometry	3	203MATH-3 - S 363MATH-3 - S	-	Theioritical (3)
Total					15