

"حيث تصبح الرؤية واقعاً"  
"When Vision Becomes Reality"

"عراقة وجودة"  
Tradition and Quality

QF01/0413-3.0E	Course Plan for Master program - Course Plan Development and Updating Procedures/ Mathematics Department
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<b>Course Plan for Mathematics (Master Program) No.:</b> (Academic year)
<b>Approved by Deans Council by decision (.....) dated (.....)</b>
<b>(33) Credit Hours</b>

**1. Master thesis program**

Std Info.		Course No.	Course Name	Credit Hours
Pass.	Reg.			
<b>a. Compulsory requirements ( 18 ) Credit hours</b>				
<input type="checkbox"/>	<input type="checkbox"/>	0101711	Real Analysis	3
<input type="checkbox"/>	<input type="checkbox"/>	0101721	Abstract Algebra (1)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101731	Topology (1)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101741	Applied Mathematics (1)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101751	Mathematical Statistics	3
<input type="checkbox"/>	<input type="checkbox"/>	0101772	Scientific Research Methodology	3
<b>b. Elective Courses ( 6 ) Credit hours</b>				
<input type="checkbox"/>	<input type="checkbox"/>	0101712	Functional Analysis	3
<input type="checkbox"/>	<input type="checkbox"/>	0101713	Complex Analysis	3
<input type="checkbox"/>	<input type="checkbox"/>	0101714	Mathematical Optimization	3
<input type="checkbox"/>	<input type="checkbox"/>	0101722	Abstract Algebra (2)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101771	Selected Topics in Mathematics	3
<input type="checkbox"/>	<input type="checkbox"/>	0101732	Topology (2)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101742	Applied Mathematics (2)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101752	Probability Theory	3
<input type="checkbox"/>	<input type="checkbox"/>	0101743	Combinatorial Mathematics	3
<input type="checkbox"/>	<input type="checkbox"/>	0101744	Advanced Numerical Analysis	3
<input type="checkbox"/>	<input type="checkbox"/>	0101761	Matrix Theory	3
<b>c. Thesis (9) credit hours</b>				
<input type="checkbox"/>	<input type="checkbox"/>	0101799	Thesis	9

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## 2. Comprehensive exam program

Std Info.		Course No.	Course Name	Credit Hours
Pass.	Reg.			
<b>a. Compulsory requirements ( 24 ) Credit hours</b>				
<input type="checkbox"/>	<input type="checkbox"/>	0101711	Real Analysis	3
<input type="checkbox"/>	<input type="checkbox"/>	0101713	Complex Analysis	3
<input type="checkbox"/>	<input type="checkbox"/>	0101721	Abstract Algebra (1)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101731	Topology (1)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101741	Applied Mathematics (1)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101751	Mathematical Statistics	3
<input type="checkbox"/>	<input type="checkbox"/>	0101744	Advanced Numerical Analysis	3
<input type="checkbox"/>	<input type="checkbox"/>	0101772	Scientific Research Methodology	3
<b>b. Elective Courses ( 9 ) Credit hours</b>				
<input type="checkbox"/>	<input type="checkbox"/>	0101712	Functional Analysis	3
<input type="checkbox"/>	<input type="checkbox"/>	0101714	Mathematical Optimization	3
<input type="checkbox"/>	<input type="checkbox"/>	0101722	Abstract Algebra (2)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101771	Selected Topics in Mathematics	3
<input type="checkbox"/>	<input type="checkbox"/>	0101732	Topology (2)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101742	Applied Mathematics (2)	3
<input type="checkbox"/>	<input type="checkbox"/>	0101752	Probability Theory	3
<input type="checkbox"/>	<input type="checkbox"/>	0101743	Combinatorial Mathematics	3
<input type="checkbox"/>	<input type="checkbox"/>	0101761	Matrix Theory	3
<b>c. Comprehensive exam (0) credit hours</b>				
<input type="checkbox"/>	<input type="checkbox"/>	0101798	Comprehensive exam	0