

QF01/0413-3.0E	Course Plan for Master program - Course Plan Development and Updating Procedures/ software Engineering Department
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Course Plan for Master Software Engineering No.: 2017/2018
Approved by Deans Council by decision (13/30/2016) dated (8/9/2016)
(33) Credit Hours

1. Master thesis program:

Std Info.		Course No.	Course Name	Credit Hours
Pass.	Reg.			
a. Compulsory requirements (15) Credit hours				
<input type="checkbox"/>	<input type="checkbox"/>	0104711	Advanced Software Requirements	3
<input type="checkbox"/>	<input type="checkbox"/>	0104712	Advanced software Architecture and Design	3
<input type="checkbox"/>	<input type="checkbox"/>	0104713	Advanced Software Development	3
<input type="checkbox"/>	<input type="checkbox"/>	0104714	Advanced Software Testing	3
<input type="checkbox"/>	<input type="checkbox"/>	0104718	Scientific Research Methods	3
b. Elective Courses (9) Credit hours				
<input type="checkbox"/>	<input type="checkbox"/>	0102741	Advanced Database	3
<input type="checkbox"/>	<input type="checkbox"/>	0104715	Advanced Software Quality	3
<input type="checkbox"/>	<input type="checkbox"/>	0104716	Advanced software project management	3
<input type="checkbox"/>	<input type="checkbox"/>	0104751	Numerical methods	3
<input type="checkbox"/>	<input type="checkbox"/>	0102721	Advanced Algorithms	3
<input type="checkbox"/>	<input type="checkbox"/>	0104753	Special topics in Software Engineering	3
c. Thesis (9) credit hours				
<input type="checkbox"/>	<input type="checkbox"/>	0104702	MS Thesis in Software Engineering	9

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

"عراقة وجودة"
Tradition and
Quality

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2. Comprehensive exam program (33) Credit hours:

Std Info.		Course No.	Course Name	Credit Hours
Pass.	Reg.			
a. Compulsory requirements (24) Credit hours				
<input type="checkbox"/>	<input type="checkbox"/>	0104711	Advanced Software Requirements	3
<input type="checkbox"/>	<input type="checkbox"/>	0104712	Advanced software Architecture and Design	3
<input type="checkbox"/>	<input type="checkbox"/>	0104713	Advanced Software Development	3
<input type="checkbox"/>	<input type="checkbox"/>	0104714	Advanced Software Testing	3
<input type="checkbox"/>	<input type="checkbox"/>	0104715	Advanced Software Quality	3
<input type="checkbox"/>	<input type="checkbox"/>	0102741	Advanced Database	3
<input type="checkbox"/>	<input type="checkbox"/>	0104718	Scientific Research Methods	3
<input type="checkbox"/>	<input type="checkbox"/>	0104716	Advanced software project management	3
b. Elective Courses (9) Credit hours				
<input type="checkbox"/>	<input type="checkbox"/>	0104717	Software Evolution	3
<input type="checkbox"/>	<input type="checkbox"/>	0104719	Scientific Research project	3
<input type="checkbox"/>	<input type="checkbox"/>	0104732	Distributed Systems	3
<input type="checkbox"/>	<input type="checkbox"/>	0104751	Numerical methods	3
<input type="checkbox"/>	<input type="checkbox"/>	0102721	Advanced Algorithms	3
<input type="checkbox"/>	<input type="checkbox"/>	0104753	Special topics in Software Engineering	3
c. Comprehensive exam (0) credit hours				
<input type="checkbox"/>	<input type="checkbox"/>	0104701	Software Engineering Comprehensive exam	0