

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

**Course Plan for Software Engineering Department (Bachelor) No.
1/2014-2013**

Approved by the university Dean's Council (Decision No. 22/02/2013) in its
meeting No. (22) On (07/25/2013)

The number of course plan hours are (133) Credit Hours

"عراقة وجودة"
"Tradition and Quality"

Student Information		Course No.	Course Name	Credit Hours	Theory Hours	Practical Hours	Prerequisite	Advisement Plan
Passed	Registered							(Semester/Year)
First: University Requirements (27) Credit Hours								
A) Mandatory Requirements (12) Credit Hours								
<input type="checkbox"/>	<input type="checkbox"/>	0420111	Arabic Language (1)	3	3	0	Remedial Arabic	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0420121	English Language (1)	3	3	0	Remedial Arabic	1/2
<input type="checkbox"/>	<input type="checkbox"/>	0420201	Military Sciences	3	3	0	None	2/1
<input type="checkbox"/>	<input type="checkbox"/>	0420151	Civic Education	3	3	0	None	1/1
B) Electives (15) Credit Hours (A minimum of one course in each field and a maximum of two courses in each field)								
Second Field: Humanities								
<input type="checkbox"/>	<input type="checkbox"/>	0420141	Modern History of Jordan	3	3	0	None	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0420142	Islamic Education	3	3	0	None	1/2
<input type="checkbox"/>	<input type="checkbox"/>	0420112	Human Civilization	3	3	0	None	2/1
<input type="checkbox"/>	<input type="checkbox"/>	0420132	Physical Education	3	2	1	None	2/2
Third Field: Social and Economical Sciences								
<input type="checkbox"/>	<input type="checkbox"/>	0420252	Introduction to Sociology	3	3	0	None	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0601101	Legal Education	3	3	0	None	1/2
<input type="checkbox"/>	<input type="checkbox"/>	0420131	Principles of Education	3	3	0	None	2/1
<input type="checkbox"/>	<input type="checkbox"/>	0520201	Principles of Economics	3	3	0	None	2/2
Fourth Field: Science, Technology, Agriculture and Health								
<input type="checkbox"/>	<input type="checkbox"/>	0120211	Information and Social Technology	3	3	0	Remedial computer Skills	2/1
<input type="checkbox"/>	<input type="checkbox"/>	0201101	Herbal Plants	3	3	0	None	1/2
<input type="checkbox"/>	<input type="checkbox"/>	0301101	First Aid	3	3	0	None	1/2
<input type="checkbox"/>	<input type="checkbox"/>	0904100	Principles of Energy	3	3	0	None	2/2

Student Information		Course No.	Course Name	Credit Hours	Theory Hours	Practical Hours	Prerequisite	Advisement Plan
Passed	Registered							(Semester/Year)
Second: Faculty Requirements (21) Credit Hours								
<input type="checkbox"/>	<input type="checkbox"/>	0120121	Calculus (1)	3	3	0	* 0120002	1\1
<input type="checkbox"/>	<input type="checkbox"/>	0120225	Statistics and Probability	3	3	0	1\2
<input type="checkbox"/>	<input type="checkbox"/>	0120113	Introduction to Computer Science	3	3	0	0120001	1\2
<input type="checkbox"/>	<input type="checkbox"/>	0120114	Discrete Structures	3	3	0	0120113	2\2
<input type="checkbox"/>	<input type="checkbox"/>	0120115	Programming Basics	3	3	0	0120113	2\2
<input type="checkbox"/>	<input type="checkbox"/>	0120216	Technical Writing	3	3	0	0420121	1\1
<input type="checkbox"/>	<input type="checkbox"/>	0120117	Introduction to Information Technology	3	3	0	0120113	2\1
Student Information		Course No.	Course Name	Credit Hours	Theory Hours	Practical Hours	Prerequisite	Advisement Plan

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Passed	Registered							(Semester/Year)
Third: Major Requirements (82) Credit Hours								
A) Mandatory Major Requirements (61) Credit Hours								
<input type="checkbox"/>	<input type="checkbox"/>	0104221	Object-Oriented Programming	3	2	2	0120115	2\1
<input type="checkbox"/>	<input type="checkbox"/>	0104241	Introduction to Software Engineering	3	3	0	0120115	2\1
<input type="checkbox"/>	<input type="checkbox"/>	0104222	Visual Programming	3	2	2	0104221	2\2
<input type="checkbox"/>	<input type="checkbox"/>	0104242	Software Requirements	3	3	0	0104241	2\2
<input type="checkbox"/>	<input type="checkbox"/>	0104223	Internet & Web	3	2	2	0104221	2\2
<input type="checkbox"/>	<input type="checkbox"/>	0104211	Data Structures	3	3	0	0104221	2\2
<input type="checkbox"/>	<input type="checkbox"/>	0104311	Computer Organization & Architecture	3	3	0	0103211	3\1
<input type="checkbox"/>	<input type="checkbox"/>	0104351	Database (1)	3	2	2	0104211	3\1
<input type="checkbox"/>	<input type="checkbox"/>	0104343	Software Design	3	3	0	0104242	3\1
<input type="checkbox"/>	<input type="checkbox"/>	0104381	Human Computer Interaction	3	3	0	0104222	3\2
<input type="checkbox"/>	<input type="checkbox"/>	0104324	Internet Programming	3	2	2	0104223	3\2
<input type="checkbox"/>	<input type="checkbox"/>	0104312	Algorithms	3	3	0	0104211	3\2
<input type="checkbox"/>	<input type="checkbox"/>	0104352	Database (2)	3	2	2	0104351	3\2
<input type="checkbox"/>	<input type="checkbox"/>	0104353	Object-oriented Analysis & Design	3	3	0	0104343	3\2
<input type="checkbox"/>	<input type="checkbox"/>	0104444	Software Validation & Verification	3	2	2	0104353	4\1
<input type="checkbox"/>	<input type="checkbox"/>	0104445	Software Development	3	2	2	0104353	4\1
<input type="checkbox"/>	<input type="checkbox"/>	0104471	Field Training	3	-	-	Dept. Approval	4\1
<input type="checkbox"/>	<input type="checkbox"/>	0104446	Software Project management	3	2	2	0104353	4\1
<input type="checkbox"/>	<input type="checkbox"/>	0104447	Case Tools	1	1	0	0104445	4\2
<input type="checkbox"/>	<input type="checkbox"/>	0104448	Software Maintenance & Reverse Engineering	3	2	2	0104445	4\2
<input type="checkbox"/>	<input type="checkbox"/>	0104472	Graduation Project	3	-	-	Dept. Approval	4\2
B) Mandatory Major Supporting Requirements (12) Credit Hours								
<input type="checkbox"/>	<input type="checkbox"/>	0103211	Logic Design	3	3	0	0120114	2\2
<input type="checkbox"/>	<input type="checkbox"/>	0101271	Numerical Analysis (1)	3	3	0	0120121	3\1
<input type="checkbox"/>	<input type="checkbox"/>	0102334	Computer Networks (1)	3	3	0	0120117	3\1
<input type="checkbox"/>	<input type="checkbox"/>	0106141	Operating Systems	3	3	0	0102334	3\2
C) Major Electives (9) Credit Hours								
<input type="checkbox"/>	<input type="checkbox"/>	0104382	Software Analysis & Modeling	3	3	0	0104343	4\1
<input type="checkbox"/>	<input type="checkbox"/>	0104483	Distributed Systems Development	3	2	2	0104353	4\1
<input type="checkbox"/>	<input type="checkbox"/>	0104484	Select Topics in S.E	3	2	2	Dept. Approval	4\1
<input type="checkbox"/>	<input type="checkbox"/>	0104485	E-Business Systems Development	3	2	2	0104353	4\1
<input type="checkbox"/>	<input type="checkbox"/>	0104486	Software Quality Management	3	3	0	0104444	4\2
<input type="checkbox"/>	<input type="checkbox"/>	0104487	Embedded Systems Development	3	2	2	0104445	4\2
Fourth: Free elective (3) Credit Hours (Student may choose any course from any course plan at the university unless the student had passed it)								