

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

**الخطة الدراسية لتخصص علم الحاسوب (برنامج الماجستير) رقم 1/2014-2013**

اعتمدت بقرار مجلس العمداء رقم (2012/30/3-2) في جلسته رقم (30) بتاريخ (2012/12/24)

**عدد ساعات الخطة (33) ساعة معتمدة**

" عراقة وجودة "  
"Tradition and Quality"

**1. Master thesis program (33) credit hours as follows:**

Course no.	Course title	Cr. Hrs.	Pre-requisite
<b>I. Compulsory Courses (15) credit hours as follows :</b>			
0102721	Advanced Algorithms, Analysis and Design	3	
0102733	Advanced Operating Systems	3	
0102741	Advanced Data Base	3	
0102742	Advanced Networking Communications	3	
0102761	Scientific Research Methodology	3	
<b>2. Elective Courses: (9) credit hours from the following courses:</b>			
0102711	Parallel Programming	3	
0102732	Intelligent Systems	3	
0102743	Computer and Information Security	3	
0102744	Wireless Networking	3	
0102751	Computer Animation	3	
0102763	Seminar in Computer Science Topics	3	
0102771	Advanced Internet Technologies	3	
0102781	Advanced Software Engineering	3	
0102782	Principles of Virtual reality	3	
<b>3. Thesis:</b>		<b>(9) credit hours</b>	

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## 2. Comprehensive Master Program (33) credit hours as follows:

Course no.	Course title	Cr. Hrs.	Pre-requisite
<b>I. Compulsory Courses:(24) credit hours as follows:</b>			
0102721	Advanced Algorithms, Analysis and Design	3	
0102731	Advanced Computer Architecture	3	
0102733	Advanced Operating Systems	3	
0102741	Advanced Data Base	3	
0102742	Advanced Networking Communications	3	
0102763	Seminar in Computer Science Topics	3	
0102771	Advanced Internet Technologies	3	
0102791	Research Project	3	
<b>2. Elective Courses:(9) credit hours from the following courses:</b>			
0102711	Parallel Programming	3	
0102712	Advanced Programming Languages	3	
0102732	Intelligent Systems	3	
0102743	Computer and Information Security	3	
0102744	Wireless Networking	3	
0102751	Computer Animation	3	
0102761	Scientific Research Methodology	3	
0102781	Advanced Software Engineering	3	
0102782	Principles of Virtual reality	3	
<b>3. Comprehensive Exam:(0) credit hours</b>			
Comprehensive Exam		0	