



**Guidance Plan for the
Computer Information Systems Program 2011/ 2012**

Year	Semester	Module Number	Module Title	Prerequisites	Type of Requirements
First Year	First Semester (18 Credit Hours)	0130101	English Language Skills (1)	-----	(UR)
		9111101	National Education	-----	(UR)
0250101		Differentiation and Integration(1)	-----	(SR)	
0250231		Introduction to Statistics and Probabilities	-----	(SR)	
0750113		Programming Fundamentals (1)	-----	(FR)	
		-----	UE(1)	-----	(UR)
	Second Semester (18 Credit Hours)	0110101	Arabic Language Skills(1)	-----	(UR)
		0130102	English Language Skills (2)	0130101	(UR)
		0250104	Discrete Structures	-----	(SR)
		0731110	Introduction to Systems and Information Technology	-----	(FR)
		0750114	Programming Fundamentals (2)	0750113	(FR)
		-----	UE(2)	-----	(UR)
Second Year	First Semester (18 Credit Hours)	0111100	Military Sciences(Or UE Non- Jordanians Students)	-----	(SR)
		0721220	Programming Object Oriented Paradigms	0750114	(FR)
0721240		Computing Ethics	0731110	(FR)	
0731213		Introduction to Web Programming	0750114	(FR)	
0750231		Design of Logic Circuits	0731110	(UR)	
		-----	UE(3)	-----	(UR)
	Second Semester (18 Credit Hours)	0721110	Introduction to Software Engineering	0750113+0731110	(SR)
		0721221	Object Oriented Data Structures	0721220+0250104	(SR)
		0761220	Visual Programming	0721220	(FR)
		0761235	Database Fundamentals	0721220	(DR)
		0761250	Multimedia Systems	0731110+0731213	(FR)
		-----	UE(4)	-----	(UR)
Third Year	First Semester (18 Credit Hours)	0731321	Systems Analysis and Design	0761235	(SR)
		0731360	Database Applications	0761235	(SR)
0750322		Design and Analysis of Algorithms	0721221	(SR)	
0761322		E-Commerce Applications	0731213	(DR)	
0761340		Fundamentals of Computer Networks	0721221	(DR)	
		-----	UE(5)	-----	
	Second Semester (15 Credit Hours)	0761331	Business Process Design and Management	0761322	(DR)
		0761333	Principle of Operating Systems	0721221	(FR)
		0761352	Business Systems Project Management	0761322	(DR)
		0761336	IS Strategy, Management, and Acquisition	0761235	(DR)
		0761379	Practical Training	90 hours+Department Agreement	(DR)
Fourth Year	First Semester (15 Credit Hours)	0761423	Web Application Development for Business	0761322	(DR)
		0761434	Data Mining	0731360	(DR)
0731464		Information Systems Modeling	0731321	(SR)	
0761488		Research Project(1)	90 hours+Department Agreement	(DR)	
			-----	DE(1)	-----
	Second Semester (18 Credit Hours)	0761430	Information Retrieval	0761235	(DR)
		0761432	Information Security	0761340+0761235	(DR)
		0761433	Testing and Evaluation of Information Systems	0731464	(DR)
		0761441	Wireless and Mobile Networks	0761340	(DR)
		0761489	Research Project(2)	0761488	(DR)
		-----	DE(2)	-----	(DR)

(UR) University Req.
(DR)Department .Req
Date:19/09/2011

(FR) Faculty Req.
(DE) Dept.Elect.

(SR) Supporting Req.
(UE)University. Elect