Philadilphia University   **Faculty of Information Technology**

Management Information Systems Department
Guidance Plan
(132 Credit Hours)
(2005 − 2006)

Year	Semester	Module Number	Module Title	Prerequisite	Types of Requirements
First	**First (18 Credit Hours)**	110101	Arabic Skills (1)	----	(UR)
		130101	English Skills (1)	----	(UR)
		710101	Computer Skills (1)	----	(UR)
		111101	National Education	----	(UR)
		710104	Computer Skills (2) for Science Colleges	----	(FR)
		210101	Mathematics (1)	----	(SR)
	Second (18 Credit Hours)	111133	Culture and Civilization (1)	----	(UR)
		130102	English Skills (2)	130101	(UR)
		760161	Fundamentals of Information Technology	710101	(FR)
		731151	Introduction to Information Systems	710101	(FR)
		712111	Windows Programming	710104	(FR)
		731211	Object-Oriented Programming	710104	(DR)
Second	**First (18 Credit Hours)**	------	University Elective	-----	(UR)
		712272	World Wide Web: Concepts and Programming	710104	(FR)
		330101	Introduction to Management	-----	(SR)
		210231	Introduction to Statistics and Probabilities	-----	(SR)
		731212	Introduction to Data Structures and Algorithms	731211	(DR)
		731271	Human Computer Interaction	710104	(DR)
	Second (18 Credit Hours)	712271	Multimedia Systems	710104	(FR)
		722282	Professional Isuues in Computing and Information Technology	-----	(FR)
		751252	Fundamentals of Artificial Intelligence	710104	(FR)
		340101	Principles of Macroeconomics	----	(SR)
		731231	Database Systems	731212	(DR)
		731251	Information Systems Management	731151	(DR)
Third	**First (18 Credit Hours)**	111100	Military Sciences	-----	(UR)
		731332	Systems Analysis and Design	731231	(DR)
		731341	Introduction to Data Transmission and Networks	731212	(DR)
		731351	Information Systems Modelling	731212+731151	(DR)
		732361	Information System Projects Management	330101+731151	(DR)
		731371	E-Commerce	712272+731211	(DR)
	Second (15 Credit Hours)	732322	E-Marketing	731371	(DR)
		731331	Database Applications	731231	(DR)
		732373	Decision Support Systems	731332+732361	(DR)
		731398	Practical Training	-----	(DR)
		------	Deprtment Elective (1)	-----	(DR)
Fourth	**First (15 Credit Hours)**	731431	Data Warehousing and Data Mining	731231	(DR)
		731451	Information Systems Security	731332	(DR)
		731421	Operations research	210231+731211+210101	(DR)
		731499	Graduation Project	731398	(DR)
		-----	Department Elective (2)	-----	----
	Second (12 Credit Hours)	731442	Principles of Operating Systems	731341	(DR)
		732481	Commercial Law for Informatics	731371	(SR)
		732472	Implementation of Information Systems	731351	(DR)
		731462	Management Information Sources	731371	(DR)

(UR) University Req.   **(FR) Faculty Req.**   **(DR) Dept. Req.**   **(SR) Supporting Req.**

Date: 9/10/2005