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Faculty of Science and Information Technology / Department of Computer Science

GENERAL RULES AND CONDITIONS:

The study plan consists of (33) credit hours as follows:

I. Compulsory Courses: (24) credit hours as follows:

Course no.	Course title	Cr. Hrs.	Pre-requisite
1306721	Advanced Computer Networks	3	
1306731	Advanced Database Systems	3	
1306732	Advanced Operating Systems	3	
1306751	Applied Algorithms	3	
1306752	Theory of Computation	3	
1306753	Object Oriented Design	3	
1306781	Artificial Intelligence Applications	3	
1306791	Graduation Project	3	Department approval

II. Elective courses: (9) credit hours to be chosen from one of the following **concentration Areas**:

Course no.	Course title	Cr. Hrs.	Pre-requisite
1306722	Advanced Topics on Wireless Computer Networks	3	
1306754	Bioinformatics	3	
1306755	Practical Concepts of Information Security	3	
1306759	Advanced Modeling and Simulation	3	
1306782	Machine Learning	3	
1306784	Expert Systems Design and Implementation	3	
1306785	Data Mining	3	
1306786	Natural Language Processing	3	
1306787	Selected Topics in Computer Science		

III. Comprehensive Exam:

Course no.	Course title	Cr. Hrs.	Pre-requisite
1306798	Comprehensive Exam	0	

Codes of knowledge fields:	1. Research	-2	3-	-4	5-	6-	7-
	8-		9 . Project / Thesis / Comprehensive				