MSc in Software Engineering – Curriculum Chart

Term 1

Courses	Credits	Code	Prerequisites	Type
Advanced Software Engineering - Group 1				
Advanced Database - Group 1				
Advanced Operating Systems - Group 1				
a prerequisite course (if required)				
Total Credits				

Term 2

Courses	Credits	Code	Prerequisites	Type
Parallel Processing - Group 1				
Knowledge Base Management - Group 2				
Search Engines and Web Mining - Group 2				
Decision Support Systems - Group 2				
Advanced Computer Networks - Group 2				
a course from other branches				
Total Credits				

Term 3

Courses	Credits	Code	Prerequisites	Type
Data Mining - Group 2				
Seminar				
Project				
Total Credits				

Attention: a total of 32 credits must be taken, including 24 educational credits, 2 credits of the Seminar, and 6 of Thesis.

Attention: Taking at least 3 courses from Group 1, and 4 courses from Group 2 is mandatory.

Attention: Students could take other courses of the subgroups provided that they are approved by the Ministry of Science.

The following courses must be taken as Compensatory courses if they have not been taken by the students at BSc level.

1- Software Engineering 1 (Systems Design and Analysis)
2- Database
3- Operating Systems
4- Algorithm Design