

## MSc in IT Engineering – Multimedia Systems – Curriculum Chart

### Term 1

Courses	Credits	Code	Prerequisites	Type
Software Development Management - Group 1				
User Interface Design - Group 1				
Data Compression - Group 1				
<i>a prerequisite course (if required)</i>				
<b>Total Credits</b>				

### Term 2

Courses	Credits	Code	Prerequisites	Type
Advanced Computer Graphics				
Customer Relationship Management - Group 2				
Digital Image Processing - Group 2				
Machine Vision - Group 2				
Multimedia Networks - Group 2				
Digital Speech Processing for Multimedia - Group 2				
<b>Total Credits</b>				

### Term 3

Courses	Credits	Code	Prerequisites	Type
Animation and 3D Animation - Group 1				
Seminar				
Project				
<b>Total Credits</b>				

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 5 courses from Group 1, and 3 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- Computer Graphics
- 3- C++ Programming
- 4- Computer Networks (in case "Multimedia Networks" course has been taken)