

## MSc in Computer Systems Architecture – Curriculum Chart

### Term 1

Courses	Credits	Code	Prerequisites	Type
Advanced Computer Architecture - Basic				
Data Storage Systems Architecture - Group 1				
Testing and Testability - Group 1				
<i>a prerequisite course (if required)</i>				
<b>Total Credits</b>				

### Term 2

Courses	Credits	Code	Prerequisites	Type
Error-Tolerant Systems Design - Group 1				
Designing with Hardware Description Languages - Group 2				
Advanced Computer Networks - Group 2				
Parallel Processing - Group 2				
<i>a course from another branch</i>				
<b>Total Credits</b>				

### Term 3

Courses	Credits	Code	Prerequisites	Type
Parallel Systems Architecture - Group 1				
Digital Signals Processing - Group 2				
Advanced Operating Systems - Group 2				
Seminar				
Project				
<b>Total Credits</b>				

Attention: "Advanced Computer Architecture" course is mandatory.

Attention: Taking at least 4 courses from Group 1 is mandatory.

Attention: The maximum number of the courses allowed from Group 2 is 3.

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- Computer Architecture
- 2- Digital Systems Computer Design
- 3- Digital Electronics