MSc in Artificial Intelligence and Robotics – Curriculum Chart

Term 1

Courses	Credits	Code	Prerequisites	Type
Pattern Recognition - Group 1				
Digital Signals Processing* - Group 1				
Digital Image Processing - Group 2				
a prerequisite course (if required)				
Total Credits				

* The decision to include this course in Groups 1 has been made by the department.

Term 2

Courses	Credits	Code	Prerequisites	Type
Machine Learning - Group 1				
Neural Networks - Group 1				
Machine Vision - Group 2				
Digital Speech Processing - Group 2				
Machine Learning - Group 1				
Neural Networks - Group 1				
Total Credits				

Term 3

Courses	Credits	Code	Prerequisites	Type
Deep Learning - Group 3 (*or a course from other branches or faculties - consent of department required*)				
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 4 courses from Group 1, and 2 courses from Group 2 is mandatory.

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

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- Signals and Systems
2- Artificial Intelligence
3- Algorithm Design