"Artificial Intelligence (18 months/90 ECTS, Master of Science)" E-Learning

TABLE 2: COURSE DISTRIBUTION PER SEMESTER

A/A	Course Type	Course Name	Course Code	Periods Per Week	Period Duration in Minutes	Number of Weeks/ Academic Semester	Total Hours/ Academic Semester	Number of ECTS
1st Academic Year/1st Semester								
1.	Compulsory	Foundations of Artificial Intelligence	AI 602	N/A	N/A	14	N/A	10
2.	Compulsory	Introduction to Machine Learning	AI 604	N/A	N/A	14	N/A	10
3.	Compulsory	Knowledge Representation, Reasoning, and the Semantic Web	AI 606	N/A	N/A	14	N/A	10
1st Academic Year/2nd Semester								
4.	Compulsory	Big Data Analytics	AI 608	N/A	N/A	14	N/A	10
5.	Elective*		---	N/A	N/A	14	N/A	10
6.	Elective*		---	N/A	N/A	14	N/A	10
2nd Academic Year/3rd Semester								
7.	Master Thesis		AI 690	N/A	N/A	14	N/A	30

* Elective Courses

Students choose two (2) from the following courses:

AI 622	Advanced Topics in Machine Learning	10
AI 624	Artificial Neural Networks and Deep Learning	10
AI 628	Multi-Agent Systems and Game Theory	10
AI 634	Robotics and Perception	10
AI 636	Philosophy and Ethics of AI	10
AI 638	Natural Language Processing	10