

**Title of the program: Artificial Intelligence
(MSc – E-Learning)**

Coordinator: Dr. Alberto Calzada

CORE COURSES (30 ECTS)		Course Coordinator	Instructors/ CVs
AI600	Foundations of Artificial Intelligence	Sotiris Batsakis	Sotiris Batsakis
AI605	Introduction to Machine Learning	Alberto Calzada	Alberto Calzada
AI610	Knowledge Representation, Reasoning and the Semantic Web	Alberto Calzada	Christina Savvidou
AI615	Big Data Analytics	Alberto Calzada	Alberto Calzada
ELECTIVE COURSES (30 ECTS) Students select 4 (four) of the following courses:			
AI620	Advanced Topics in Machine Learning	Alberto Calzada	Alberto Calzada
AI625	Artificial Neural Networks and Deep Learning	Alberto Calzada	Alberto Calzada
AI630	Advanced Topics in Knowledge Representation and Reasoning	Alberto Calzada	Sotiris Batsakis
AI635	Multi-Agent Systems and Game Theory	Vicky Papadopoulou-Lesta	Vicky Papadopoulou-Lesta
AI640	AI in Video Games	Alberto Calzada	Alberto Calzada
AI645	Robotics and Perception	Pericles Leng-Cheng	Pericles Leng-Cheng
AI650	Natural Language Processing	Alberto Calzada	Alberto Calzada
AI655	Philosophy and Ethics of AI	Charalambos Papageorgiou	Charalambos Papageorgiou
One (1) Elective Course from a relevant distance education M.Sc. program of the School of Sciences as this will be approved by the Program Coordinator.			
MASTER THESIS (30 ECTS)			
AI695	Master Thesis	Alberto Calzada	Alberto Calzada