

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

Coordinator: Dr. Pericles Leng-Cheng

CORE COURSES (30 ECTS)		Course Coordinator	Instructors/ Curriculum
AI600	Foundations of Artificial Intelligence	Sotiris Batsakis	Sotiris Batsakis
AI605	Introduction to Machine Learning	Pericles Leng-Cheng	Christina Savvidou
AI610	Knowledge Representation, Reasoning and the Semantic Web	Pericles Leng-Cheng	Christina Savvidou
AI615	Big Data Analytics	Pericles Leng-Cheng	Klea Panayidou
ELECTIVE COURSES (30 ECTS) Students select 4 (four) of the following courses:			
AI620	Advanced Topics in Machine Learning	Pericles Leng-Cheng	TBA
AI625	Artificial Neural Networks and Deep Learning	Pericles Leng-Cheng	TBA
AI630	Advanced Topics in Knowledge Representation and Reasoning	Pericles Leng-Cheng	Sotiris Batsakis
AI635	Multi-Agent Systems and Game Theory	Vicky Papadopoulou-Lesta	Vicky Papadopoulou-Lesta
AI640	AI in Video Games	Pericles Leng-Cheng	Christos Maliariakis
AI645	Robotics and Perception	Pericles Leng-Cheng	Pericles Leng-Cheng Christos Maliariakis
AI650	Natural Language Processing	Pericles Leng-Cheng	TBA
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	Marina Appiou-Nikiforou	Marina Appiou-Nikiforou