

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

**Coordinator: Dr. Pericles Leng-Cheng**

<b>CORE COURSES (30 ECTS)</b>		<b>Course Coordinator</b>	<b>Instructors/ Curriculum</b>
AI600	Foundations of Artificial Intelligence	<a href="#">Sotiris Batsakis</a>	<a href="#">Sotiris Batsakis</a>
AI605	Introduction to Machine Learning	<a href="#">Pericles Leng-Cheng</a>	<a href="#">Christina Savvidou</a>
AI610	Knowledge Representation, Reasoning and the Semantic Web	<a href="#">Pericles Leng-Cheng</a>	<a href="#">Christina Savvidou</a> <a href="#">Pavlos Kassotakis</a>
AI615	Big Data Analytics	<a href="#">Pericles Leng-Cheng</a>	<a href="#">Klea Panayidou</a>
<b>ELECTIVE COURSES (30 ECTS)</b> <b>Students select 4 (four) of the following courses:</b>			
AI620	Advanced Topics in Machine Learning	<a href="#">Pericles Leng-Cheng</a>	TBA
AI625	Artificial Neural Networks and Deep Learning	<a href="#">Pericles Leng-Cheng</a>	TBA
AI630	Advanced Topics in Knowledge Representation and Reasoning	<a href="#">Pericles Leng-Cheng</a>	<a href="#">Sotiris Batsakis</a>
AI635	Multi-Agent Systems and Game Theory	<a href="#">Vicky Papadopoulou-Lesta</a>	<a href="#">Vicky Papadopoulou-Lesta</a>
AI640	AI in Video Games	<a href="#">Pericles Leng-Cheng</a>	<a href="#">Christos Maliariakis</a>
AI645	Robotics and Perception	<a href="#">Pericles Leng-Cheng</a>	<a href="#">Pericles Leng-Cheng</a> <a href="#">Christos Maliariakis</a>
AI650	Natural Language Processing	<a href="#">Pericles Leng-Cheng</a>	TBA
AI655	Philosophy and Ethics of AI	<a href="#">Charalambos Papageorgiou</a>	<a href="#">Charalambos Papageorgiou</a>
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.			
<b>MASTER THESIS (30 ECTS)</b>			
AI695	Master Thesis	<a href="#">Marina Appiou-Nikiforou</a>	<a href="#">Marina Appiou-Nikiforou</a>