

Curriculum of MSc in Applied Information Technologies

	CORE COURSES (78 ECTS)	ECTS	Contact Hours	Code	Teaching Personnel
1	Foundations of Business Information Technology	6	28	BI395	Dr. George Christou
2	Quantitative Methods & Statistical Analysis	6	28	BI430	Dr. Dario Pontiggia
3	Python Programming	6	28	BI420	Dr. Michalis Christofi
4	Database Management and Cloud Computing	6	28	BI405	Dr. Luca Ferrarini
5	Web Application Development	6	28	AT200	Dr. Panagiotis Simonides
6	Object Oriented Programming	6	28	AT300	Dr. Stathis Hadjidemetriou
7	Blockchain and Applications	6	28	AT400	Dr. Theodosios Mourouzis
8	Applied Artificial Intelligence & Deep Learning	6	28	AT500	Dr. Stathis Hadjidemetriou
9	Digital Transformation of Businesses & Organizations	6	28	AT600	Dr. Luca Ferrarini
10	Algorithms and Data Structures	6	28	AT700	Dr. George Christou
11	Mandatory Research Project	18	N/A	AT1000	Dr. Stathis Hadjidemetriou
	TOTAL CORE	78	280+ Project		

	ELECTIVE COURSES (Choose 12/30ECTS)	ECTS	Contact Hours	Code	Teaching Personnel
12	Information Security Management for Business	6	28	BI425	Dr. Theodosios Mourouzis
13	Project Management in Information Technology	6	28	AT800	Dr. Luca Ferrarini
14	Technical Entrepreneurship	6	28	AT900	Dr. Stylianos Kampakis
15	Data Mining, Visualization and Decision Making	6	28	BI410	Dr. Michalis Christofi
16	Applied Data Analytics, Visualization and Forecasting	6	28	BI510	Dr. Stathis Hadjidemetriou
	ELECTIVE TOTAL	12/33	56/168		
	PROGRAMME TOTAL (CORE + ELECTIVES)	90	336 + Project		