

MSc Data Science

TABLE 2: COURSE DISTRIBUTION PER SEMESTER (Suggested Semester Breakdown)

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/Academic semester	Total periods/Academic semester	Number of ECTS
Semester 1								
1.	R	Data Programming	COMP-542DL	4	50'	13	52	10
3.	R	Mathematics for Data Science	COMP-540DL	4	50'	13	52	10
2.	E	Data Privacy and Ethics (<i>or another Elective</i>)	COMP-552DL	4	50'	13	52	10
Semester 2								
4.	R	Machine Learning	COMP-544DL	4	50'	13	52	10
5.	R	Research Seminars and Methodology	COMP-500DL	2	50'	13	26	4
6.	R	Project in Data Science	COMP-592DL	-		13	-	6
7.	R	Managing and Visualizing Data	COMP-543DL	4	50'	13	52	10
Semester 3 (Non-Thesis Option)								
8.	E	Deep and Reinforcement Learning (<i>or another Elective</i>)	COMP-546DL	4	50'	13	52	10

9.	E	Big Data Management and Processing (or another Elective)	COMP-548DL	4	50'	13	52	10
10.	E	Artificial Intelligence (or another Elective)	COMP-549DL	4	50'	13	52	10
Semester 3 (Thesis Option) *								
11.		Thesis	COMP-593DL	-	-	13	-	30

*** A student can start working on his/her Thesis during the second semester and thus it is possible to complete it during the Summer period. This results in completing the Master programme requirements in 12 months instead of 3 semesters. This is in line with the DIPAE decision - <https://www.dipae.ac.cy/index.php/el/nea-ekdiloseis/anakoinoseis-el/179-2018-10-25-pliris-foitisi-metaptychiako-diarkeia-2-3-examina>**