

ALLOCATION OF COURSES PER SEMESTER
“Computer Science (18 months, 90 ECTS, Master, M.Sc.)”

A/A	Course Type	Course Title	Course Code	Periods Per Week	Period Duration in Minutes	Number of Weeks/ Academic Semester	Total Hours/ Academic Semester	Number of ECTS
1st Academic Year/1st Semester								
1.	Compulsory	Foundations of AI and ML using Python	CSC612	3	50	14	42	10
2.	Compulsory	Data Science and Big Data Analytics	CSC614	3	50	14	42	10
3.	Compulsory	Advanced Computer Architecture Operating Systems	CSC616	3	50	14	42	10
1st Academic Year/2nd Semester								
4.	Compulsory	Advanced Software and Database Engineering	CSC622	3	50	14	42	10
5.	Compulsory	Advanced Computer Networks & the Internet	CSC618	3	50	14	42	10

6.	Elective		-----	3	50	14	42	10
2nd Academic Year/3rd Semester								
7.	Elective		-----	3	50	14	42	10
8.	Compulsory	Master Thesis	CSC694	--	--	--	--	20

*** Elective courses**

Students choose two (2) courses from the following list of courses:

1	CSC628 - Web Technologies and Development	10
2	CSC632 - Algorithms and Complexity	10
3	CYB600 – Introduction to Cybersecurity	10
4	AIN624 – Artificial Neural Networks and Deep Learning	10