Master 2 Finance Technology Data					
UE and Subjects		Volume		Info RCC	
		CM	TD	Coef.	ECTS
Semester 1					
UE 1 "Finance"				4	4
Compulsory course	Asset pricing	18	0	2	2
Compulsory course	Financial market microstructure	18	0	2	2
UE 2 "Data"				12	12
Compulsory course	Financial econometrics 1	18	0	3	3
Compulsory course	Quantitative methods in finance (Python)	18	0	3	3
Compulsory course	Applied data science in finance (Python)	18	0	3	3
Compulsory course	Scoring and machine learning (R and Python)	18	0	3	3
UE 3 "Fintech"				9	9
Compulsory course	Economics and technology of blockchain	18	0	3	3
Compulsory course	Monetary economics and crypto-currencies	18	0	2	2
Compulsory course	Fintech case study	18	0	2	2
Compulsory course	Financial innovation	18	0	2	2
UE 4 "Master Thesis"				5	5
Compulsory course	Fintech research seminar	18	0	2	2
Compulsory course	Master thesis seminar	18	0	3	3
Total		**216**	**0**		**30**
		216			

Semester 2					
UE 5 "Finance"				6	6
Optional course	Risk management	18	0	2	2
Optional course	Financial cycles and bubbles	18	0	2	2
Optional course	Topics in insurance	18	0	2	2
Optional course	PhD track: Literature review	36	0	4	4
UE 6 "Data"				9	9
Compulsory course	Financial econometrics 2	18	0	2	2
Compulsory course	Quantitative methods in finance (R)	18	0	2	2
Compulsory course	Applied big data analytics in finance (Python)	18	0	2	2
Compulsory course	Bitcoin network and machine learning (Python)	18	0	2	2
Compulsory course	Data privacy	6	0	1	1
UE 7 "Fintech"				6	6
Optional course	Crypto project	18	0	2	2
Optional course	Fintech regulation and regtech	18	0	2	2
Optional course	Applied machine learning	18	0	2	2
Optional course	PhD track: Writing PhD proposal	36	0	4	4
UE 8 "Master Thesis"				9	9
Compulsory course	Master thesis	18	0	9	9
Total		**204**	**0**		**30**
		204			

Annual total		**420**	**0**		**60**
		420			