

Annex 3: Global map of study subjects- Master's Program Statistics and Data Science (Half time study)

1 st Semester (WS)		2 nd Semester (SS)		3 rd Semester (WS)		4 th Semester (SS)		5 rd Semester (WS)		6 th Semester (SS)		7 th Semester (WS)		8 th Semester (SS)	
Subject/Course	ECTS	Subject/Course	ECTS	Subject/Course	ECTS	Subject/Course	ECTS	Subject/Course	ECTS	Subject/Course	ECTS	Subject/Course	ECTS	Subject/Course	ECTS
Mathematical Statistics Probability Theory (VL)	4	Mathematical Statistics Advanced Statistical Inference (VL)	4	Statistical Modelling Advanced Regression Analysis (KV)	4	Statistical Modelling Statistical Learning (KV)	4	Statistical Concepts Computational Statistics (KV)	4	Data Science Statistical Principles of Data Science (KV)	6	Data Science Data Warehousing (VL)	3	Master Thesis Seminar Master's Seminar (SE)	2
Mathematical Statistics Probability Theory (UE)	6	Mathematical Statistics Advanced Statistical Inference (UE)	6	Data Science Machine Learning: Supervised Techniques (VL)	3	Statistical Concepts Bayes Statistics (KV)	4	Statistical Modelling Survival Analysis (KV)	4			Data Science Data Warehousing (UE)	3	Master's Thesis	20
Mathematical Statistics Stochastic Processes (KV)	4	Statistical Concepts Experimental Design (KV)	4	Data Science Visualization (VL)	3	Rec. Developments in Statistics and Data Sc. Data Science (SE)	4	Rec. Developments in Statistics and Data Sc. Biostatistics (KV)	4			Master Thesis Seminar Master's Seminar (SE)	2	Master's Exam	3
				Rec. Developments in Statistics and Data Sc. Applied Statistics (SE)	4										
						Free Electives	3	Free Electives	3	Free Electives	6	Soft Skills	3		
Σ	14	Σ	14	Σ	14	Σ	15	Σ	15	Σ	12	Σ	11	Σ	25
Total															120