

Annex 1: Global map of study subjects- Master's Program Statistics and Data Science (Fulltime study)

1 st Semester (WS)		2 nd Semester (SS)		3 rd Semester (WS)		4 th Semester (SS)	
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 Concepts Computational Statistics (KV)	4	Data Science Statistical Principles of Data Science (KV)	6
Mathematical Statistics Probability Theory (UE)	6	Mathematical Statistics Advanced Statistical Inference (UE)	6	Statistical Modelling Survival Analysis (KV)	4	Master Thesis Seminar Master's Seminar (SE)	2
Mathematical Statistics Stochastic Processes (KV)	4	Statistical Concepts Experimental Design (KV)	4	Rec. Developments in Statistics and Data Sc. Biostatistics (KV)	4	Master's Thesis	20
Statistical Modelling Advanced Regression Analysis (KV)	4	Statistical Modelling Statistical Learning (KV)	4	Data Science Data Warehousing (VL)	3	Master's Exam	3
Data Science Machine Learning: Supervised Techniques (VL)	3	Statistical Concepts Bayes Statistics (KV)	4	Data Science Data Warehousing (UE)	3		
Data Science Visualization (VL)	3	Rec. Developments in Statistics and Data Sc. Data Science (SE)	4	Master Thesis Seminar Master's Seminar (SE)	2		
Rec. Developments in Statistics and Data Sc. Applied Statistics (SE)	4			Soft Skills	3		
Free Electives	3	Free Electives	3	Free Electives	6		
Σ	31	Σ	29	Σ	29	Σ	31
Total							120