UNIPD students studying at UPC

	First Semester	ECTS
1st Year at UNIPD	Fundamentals of Information Systems	12
	Statistical Learning MOD. A	6
	Machine Learning	6
	Stochastic Methods	6
	Law and Data	6
	Second Semester	
	Big Data Computing	6
	Statistical Learning MOD. B	6
	Natural Language Processing	6
	Optimization for Data Science	6

	First Semester	ECTS
2nd Year at FIB	Process-Oriented Data Science	6
	Elective	6
	Elective	6
	Elective	6
	* Students will be informed to start working on the master thesis during the first semester to compensate the added workload in the second one	
	Second Semester	
	Master Thesis	30
	Semantic Data Management	6

Pool of Elective Courses at FIB during First semester of Second Year		
Advanced Statistical Modeling	Techniques and Methodology of Innovation and Research	
Advanced Multivariate Analysis	Complex Social Networks	Information Retrieval and Recommender Systems
Advanced Machine Learning	Bioinformatics and Statistical Genetics	

or any other elective course offered when the mobility takes place

All mandatory courses at UPC will be covered by UniPd students according to the following table:

UPC Mandatory Courses	ECTS	Corresponding Courses for UniPD students	ECTS
Algorithms, Data Structures and Databases	6	Fundamentals of Information Systems	12
Data Warehousing	6		
Statistical Inference and Modeling	6	Statistical Learning MOD. A	6
Machine Learning	6	Machine Learning	6
Big Data Management	6	Big Data Computing	6
Multivariate Analysis	6	Statistical Learning MOD. B	6
Mining Unstructured Data	6	Natural Language Processing	6
Process-Oriented Data Science	6	Process-Oriented Data Science (*)	6
Semantic Data Management	6	Semantic Data Management (*)	6

(*) Educational activity taken by UniPd students at UPC