

Curriculum Content. Description of the Programme of Study

UPC students studying at UNIPD

1st Year at FIB	First Semester		ECTS
	Process-Oriented Data Processing		6
	Algorithms, Data Structures and Databases		6
	Data Warehousing		6
	Statistical Inference and Modeling		6
	Multivariate Analysis		6
	Second Semester		
	Big Data Management		6
	Semantic Data Management		6
	Mining Unstructured Data		6
Machine Learning		6	
<i>Elective</i>		6	
2nd Year at UNIPD	First Semester		ECTS
	Stochastic Methods		6
	Law and Data		6
	Vision and Cognitive Systems		6
	<i>Elective</i>		6
	<i>Elective</i>		6
	Second Semester		
	Master Thesis		15
	Internship		15

Pool of Elective Courses at FIB during Second Semester of First Year		
Algorithms for Data Mining	Cloud Computing and Data Analytics	Techniques and Methodology of Innovation and Research
Viability of Business Projects	Innovation Project	

**or any other elective course offered when the mobility takes place*

Pool of Elective Courses at UNIPD during First Semester of Second Year		
Network Science	Cognition and Computation	Business Economics and Financial Data
Human Data Analytics	Bioinformatics	