

Course (2021-2022)	Instructors	Volume	150 hrs
Mandatory courses [7]			
Foundations of cognitive neuroscience	Priftis	10	Y
How to write and present scientific results	Salcuni, Vardanega	15	Y
Human and machine vision	Ballan, Campana	12	Y
Human-computer interaction	Gamberini, Spagnolli	16	Y
Methodological foundations in experimental studies with humans	Bertoni	12	Y
Scenarios of Internet of things	Vardanega, Vangelista	20	Y
Tools and applications of machine learning	Navarin, Monaro	20	Y
		105	
Optional courses with an interdisciplinary scope			
Cognition and computation	Testolin	6	Y
ICT for disabilities	Arfè, Mich (FBK)	6	Y
Legal, ethical and societal issues in ICT	Pin (DIPIC), Spiller	6	Y
Principles of Computational creativity	Rodà	6	Y
Serious games and Social Media	Gaggi, Guidi (UNIPD)	6	Y
Text mining	Magnini (FBK)	6	Y
Explainable Machine Learning	Susto	6	Y
Process Mining: When Process Intelligence meets Data Science	de Leoni	6	Y
Towards a Hyperconnected World: Opportunities and Challenges	Palazzi, Bujari	6	Y
ELIXIR: a distributed infrastructure for biological data	Tosatto	6	Y
		60	
Optional courses to improve programming and transferable skills			
Computer-assisted research	Scquizzato	6	Y
Python for non-computer scientists	Polato (UNITO)	12	Y
Tools for on-line experiments	Contemori	12	Y
Doing research in and for hospitals	Miscioscia	6	Y
Entrepreneurship	UNIPD	8	Y
Proposals writing and grants	UNIPD	6	Y
		50	
		215	