BMCS 2019-2020 Teaching offer					
Course title	Instructors	Schedule	Length	Exam	150 hrs
Mandatory courses [7]					
Methodological foundations and statistics in cognitive science	Nucci	Jan-20	15	yes	yes
Foundations of cognitive neuroscience	Mondini	Dec-19	10	yes	yes
Human-computer interaction	Gamberini, Spagnolli	May-20	16	yes	yes
How to write and present scientific results	Salcuni, Vardanega	Mar-20	15	yes	yes
Tools and applications of machine learning	Navarin, Monaro	Jan/Feb 2020	20	yes	yes
Design and evaluation of ehealth interventions	Cipolletta, Novara	Apr-20	12	yes	yes
Scenarios of Internet of things	Vardanega, Zanella	Jun/Jul 2020	20	yes	yes
			108		
Optional courses with an interdisciplinary scope					
Principles of Computational creativity	Rodà		6	no	yes
Digital and serious games	Gaggi, Palazzi	Feb-20	6	no	yes
Towards a Hyperconnected World: Opportunities and Challenges	Palazzi, Bujari	Nov-19	6	no	yes
Legal, ethical and societal issues in ICT	Ruggiu/Crafa	Dec-19	6	no	yes
Introduction to meta-analysis: Theory and practice	Scarpazza	Feb-20	6	no	yes
			30		
Optional courses with a vertical approach					
Explainable Machine Learning	Susto	Feb/Mar 2020	6	no	yes
An introduction to recurrent neural networks	Micheli	Mar-20	6	no	yes
Process mining	de Leoni*	Jul-20	6	no	yes
Temporal Logic in AI	Bresolin*	Jul-20	6	no	yes
Trends in infant development research	Valenza	Jun-20	6	no	yes
Methodology of research in metabolism and exercise physiology	Paoli, Bosco	Apr-20	10	no	yes
Disturbi neurosviluppo	Facoetti	Dec-19	6	no	yes
Introduction to program verification	Ranzato*	Jul-20	6	no	yes
Models and languages for concurrency	Baldan*	Jul-20	6	no	yes
			58		
Optional courses to improve transferable skills					
Computer-assisted research	tbd	tbd	6	no	yes
Advanced presentation tools	MultimediaLabUNIPD	tbd	6	no	yes
MatLab PsychToolbox	Battaglini	Nov-19	12	no	yes
Enterpreneurship	UNIPD	Jun-20	8	no	yes
Proposals writing and grants	UNIPD	Jun-20	6	no	yes
			38		
		Total hours	234		