PAA 8 DAT — ANALISI DI DATI AD ALTA COMPLESSITÀ (Big Data analytics)

	n.	CAT	SEM	SSD	COD	INSEGNAMENTO	CFU
ANNO 1	1	OB	1	MAT/05	095958	Real and functional analysis	8
	2	OB	1	ING-INF/05	095959	Algorithms and parallel computing	10
	3	MTM	1	MAT/06	095966	Stochastic dynamical models	8
	4	MTM	1 o 2			*a scelta dalla Tabella MTM*	8
	5	MA	2	SECS-S/01	095967	Applied statistics	10
	6	ING	2	ING-INF/04	096297	Model identification and data analysis	10
	7	SC	2	MAT/08	095976	Advanced programming for scientific computing	8
						Totale	**62**

	n.	CAT	SEM	SSD	COD	INSEGNAMENTO	CFU
ANNO 2	8	MA	1	MAT/06+SECS-S/01	097659	Bayesian statistics	10
	9	MA	1	ING-IND/35	096078	Accounting, finance & control (10 CFU)	10
			1	ING-IND/35	097380	Multichannel customer strategy (10 CFU)	
			1	ING-IND/35	097370	Economics and management of multinational enterprises (5 CFU)	
			2	ING-IND/35	097317	Management of design and innovation projects (5 CFU)	
	10	ING	1	ING-INF/05	089202	Technologies for information systems (5 CFU)	5
			1	ING-INF/05	089183	Data bases 2 (5 CFU)	
	11	ING	1	ING-INF/05	094743	Data management for the Web (5 CFU)	5
			1	ING-INF/05	090950	Distributed systems (5 CFU)	
			2	ING-INF/05	095898	Computing infrastructures (5 CFU)	
	12	MTM	1 o 2			*a scelta dalla Tabella MTM*	8
	13	SC	1 o 2			*a scelta dalla Tabella FREE*	≥ 8
			2	ING-INF/05	89167	Data mining and text mining (UIC 583) (5 CFU)	
			2	ING-INF/05	97683	Machine learning (5 CFU)	
			1 o 2		086304	Prova finale / Final work	12
						Totale	**58**

TABELLE / GROUPS

	SEM	SSD	COD	COURSE	CFU	Notes
MTM	1	MAT/05	095973	Discrete dynamical models	8	Activation in the a.y. 2018/19 and alternate years after
	1	MAT/05	095974	Game theory	8	
	1	MAT/07	097660	Methods and models for statistical mechanics	8	Activation in the a.y. 2017/18 and alternate years after
	1	MAT/06	095975	Stochastic differential equations	8	
	1	MAT/06	095966	Stochastic dynamical models	8	
	2	MAT/05	095963	Advanced partial differential equations	8	
	2	MAT/07	097661	Biomathematical modeling	8	
	2	MAT/05	097673	Calculus of variations	8	Activation in the a.y. 2017/18 and alternate years after
	2	MAT/08	096659	Computational modeling in electronics and biomathematics	8	
	2	MAT/03	093153	Geometria differenziale	8	Activation in the a.y. 2018/19 and alternate years after
	2	MAT/09	095972	Optimization	8	
FREE	1	ING-INF/03	095978	Audio and video signals	8	
	1	MAT/08+SECS-S/06	097667	Computational finance	8	
	1	MAT/07+MAT/08	052030	Computational fluid dynamics [C.I.]	8	
	1	ING.IND/16	097482	Design and analysis of experiments A	8	
	1	MAT/05	095973	Discrete dynamical models	8	Activation in the a.y. 2018/19 and alternate years after
	1	MAT/05	095974	Game theory	8	
	1	GEO/11	098637	Geophysical data processing	8	
	1	SECS-S/06	095980	Mathematical finance II	8	
	1	ICAR/07+ICAR/08	051676	Meccanica computazionale per i geomateriali	8	
	1	MAT/07	097660	Methods and models for statistical mechanics	8	Activation in the a.y. 2017/18 and alternate years after
	1	MAT/08+SECS-S/01	098516	Numerical and statistical methods in geosciences	10	Mutually incompatible with 95967-Applied statistics (10 cfu) and 95977-Applied statistics (8 cfu)
	1	FIS/03	097670	Plasma physics	8	
	2	MAT/08	095976	Advanced programming for scientific computing	8	
	2	SECS-S/01	095977	Applied statistics	8	
	2	MAT/07	097661	Biomathematical modeling	8	
	2	MAT/05	097673	Calculus of variations	8	Activation in the a.y. 2017/18 and alternate years after

2	MAT/08	096659	Computational modeling in electronics and biomathematics	8	
2	ING-INF/05	097676	Economics and computation	6	
2	ICAR/09	098512	Engineering seismology	8	
2	FIS/01	088933	Fisica quantistica	8	
2	MAT/03	093153	Geometria differenziale	8	Activation in the a.y. 2018/19 and alternate years after
2	ICAR/01	098513	Groundwater hydraulics	8	
2	SECS-S/06	098388	Mathematical models and methods for financial and insurance markets	8	
2	MAT/09	095972	Optimization	8	