PAA 4 STR — CALCOLO STRUTTURALE (Computational structural mechanics)

	n.	CAT	SEM	SSD	COD	INSEGNAMENTO / COURSE	CFU
ANNO YEAR 1	1	OB	1	MAT/05	095958	Real and functional analysis	8
	2	OB	1	ING-INF/05	052496	Algorithms and parallel computing	10
	3	ING	1 o 2		095962	*a scelta dalla Tabella / to be chosen from Group ING*	10
	4	MTM	2	MAT/05	095963	Advanced partial differential equations	8
	5	MA	2	MAT/08	052497	Numerical analysis for partial differential equations	10
	6	MA	2			*a scelta dalla Tabella / to be chosen from Group MOX*	10
						Tot	**56**

	n.	CAT	SEM	SSD	COD	INSEGNAMENTO / COURSE	CFU
ANNO YEAR 2	7	SC	1	ICAR/08	092839	Computational mechanics and inelastic structural analysis	10
	8	ING	1	ICAR/01	095962	Fluids labs	10
	9	MA	1	ICAR/08	092843	Theory of structures and stability of structures	10
	10	SC	2	ICAR/08	092845	Elements of dynamics of structures	6
	11	MTM	1 o 2			*a scelta dalla Tabella / to be chosen from Group MTM*	8
	12	MTM	1 o 2			*a scelta dalla Tabella / to be chosen from Group MTM*	8
			1 o 2		097690	Prova finale / Final work	12
						Tot	**64**

TABELLE / GROUPS

	SEM	SSD	COD	COURSE	CFU	Note / Notes
MOX	2	MAT/08	095965	Advanced programming for scientific computing	10	
	2	MAT/07	097725	Mathematical and physical modeling in engineering	10	
ING	1	ING-INF/04	089195	Dinamica dei sistemi complessi	10	
	1	ING-INF/01	085930	Elettronica	10	
	1	ICAR/01	095962	Fluids Labs	10	
	1	ING-IND/10	097575	Termodinamica e processi energetici	10	
	2	ING-INF/04	096297	Model identification and data analysis	10	
MTM	1	MAT/05	095973	Discrete dynamical models	8	Activation in the a.y. 2018/19 and alternate years after
	1	MAT/05	052503	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	