PAA 5 IDRAULICA
IDR (Hydraulic engineering)

	n.	CAT	SEM	SSD	COD	COURSE	CFU
1st YEAR	1	OB	1	MAT/05	095958	Real and functional analysis	8
	2	OB	1	ING-INF/05	095959	Algorithms and parallel computing	10
	3	ING	2	ICAR/01	088609	Idraulica 2	10
	4	MTM	2	MAT/05	095963	Advanced partial differential equations	8
	5	MA	2	MAT/08	095964	Numerical analysis for partial differential equations	10
	6	MA	2			*to be chosen from Group MOX*	10
						total	56

	n.	CAT	SEM	SSD	COD	COURSE	CFU
2nd YEAR	7	MA	1	MAT/07-MAT/08	097634	Computational fluid dynamics [C.I.]	10
	8	ING	1	ICAR/01	095962	Fluids labs	10
	9	SC	2	ICAR/01	095861	Groundwater hydraulics	10
	10	SC	1	ICAR/08	092846	Computational mechanics 1 (6 CFU)	6
			2	ICAR/08	092845	Elements of dynamics of structures (6 CFU)	
	11	MTM	1 o 2			*to be chosen from Group MTM*	8
	12	MTM	1 o 2			*to be chosen from Group MTM*	8
			1 o 2		097690	Final work	12
						total	64

	SEM	SSD	COD	COURSE	CFU	Notes
MOX	2	MAT/08	095965	Advanced programming for scientific computing	10	
	2	MAT/07	097725	Mathematical and physical modeling in engineering [C.I.]	10	
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	

TABELLE / GROUPS