

PAA  
GEO

**MODELLI COMPUTAZIONALI NELLE SCIENZE DELLA TERRA E DELL'AMBIENTE**  
**(Computational models in Earth and Environmental Sciences)**

	n.	SEM	SSD	COD	INSEGNAMENTO / COURSE	CFU
ANNO/YEAR 1	1	1	MAT/05	095958	Real and functional analysis	8
	2	1	ING-INF/05	052496	Algorithms and parallel computing	10
	3	1	ICAR/01	057000	Fluids labs	10
	4	1	ICAR/07+ICAR/08	058207	Computational mechanics for geomaterials	8
		1	GEO/11	098637	Geophysical data processing	
	5	2	MAT/05	095963	Advanced partial differential equations	8
	6	2	MAT/08	052497	Numerical analysis for partial differential equations	10
	7	2	MAT/08	054073	Advanced programming for scientific computing	10
						Tot 64

	n.	SEM	SSD	COD	INSEGNAMENTO / COURSE	CFU
ANNO/YEAR 2	8	1	MAT/07+MAT/08	097634	Computational fluid dynamics	10
	9	1	ICAR/09	095862	Engineering seismology	10
	10	1	MAT/08	059269	Numerical methods for the geosciences	8
	11	2	MAT/08	056936	Scientific computing tools for advances mathematical modelling	8
	12	2	ICAR/01	098513	Groundwater hydraulics	8
				097690	Prova finale / Final work	12
						Tot 56