

**PAA
NUC**

MODELLISTICA MATEMATICO-FISICA PER APPLICAZIONI NUCLEARI
(Mathematical and physical modeling for nuclear application)

	n.	SEM	SSD	COD	INSEGNAMENTO	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	FIS/03	097670	Plasma physics	8
	4	2	MAT/05	095963	Advanced partial differential equations	8
	5	2	MAT/08	052497	Numerical analysis for partial differential equations	10
	6	2	MAT/08	054073	Advanced programming for scientific computing (10 CFU)	10
		2	MAT/07	097725	Mathematical and physical modeling in engineering (10 CFU)	
	7	2	ING-IND/19	089543	Reliability, safety and risk analysis B (5 CFU)	5
		2	FIS/03	089480	Solid state physics A (5 CFU)	
		Tot				

	n.	SEM	SSD	COD	INSEGNAMENTO	CFU
ANNO/YEAR 2	8	1	MAT/07+MAT/08	097634	Computational fluid dynamics [C.I.]	10
	9	1	ICAR/01	057000	Fluids labs	10
	10	1 o 2			<i>a scelta dalla Tabella FREE</i>	8
	11	2	ING-IND/18	055620	Fission reactor physics 1	10
	12	1 o 2			<i>a scelta dalla Tabella MTM</i>	8
	13	2	ING-IND/19	089543	Reliability, safety and risk analysis B (5 CFU)	5
		2	FIS/03	089480	Solid state physics A (5 CFU)	
				097690	Prova finale	12
Tot						63