

Informatica Applicata (Machine Learning e Big Data) / Classe LM-18 / 2026-2027

ANNO	DENOMINAZIONE INSEGNAMENTO	SSD	CFU	SEMESTRE	TAF
CURRICULUM: Artificial Intelligence - Data Processing and Models					
I	Scientific Computing	MATH-05/A	9	I	AFFINE
I	Physics and Quantum Computing - Part I	MATH-03/A	6	I	AFFINE
I	Machine Learning - Part I	INFO-01/A	6	I	CARATTERIZZANTE
I	Internet of Things and IoT Lab - Part I	INFO-01/A	6	I	CARATTERIZZANTE
I	Physics and Quantum Computing - Part II	PHYS-05/A	3	II	AFFINE
I	Machine Learning - Part II	INFO-01/A	6	II	CARATTERIZZANTE
I	Internet of Things and IoT Lab - Part II	INFO-01/A	6	II	CARATTERIZZANTE
I	Data Science Technology	INFO-01/A	6	II	CARATTERIZZANTE
II	High Performance Computing	MATH-03/A	6	I	AFFINE
II	Natural Language Processing	INFO-01/A	6	I	CARATTERIZZANTE
II	Multimodal Machine Learning	MATH-05/A	6	I	CARATTERIZZANTE
II	Elective	INFO-01/A	6	I	
II	Intelligent Signal Processing	INFO-01/A	6	II	CARATTERIZZANTE
II	Advanced Computing Architectures	INFO-01/A	6	II	CARATTERIZZANTE
II	Elective	INFO-01/A	6	II	
II	Stage/Internship & Language Certifications		9	II	
II	Final exam (MSc Thesis)	INFO-01/A	21	II	

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ANNO	DENOMINAZIONE INSEGNAMENTO	SSD	CFU	SEMESTRE	TAF
CURRICULUM: AI-Driven Innovation					
I	Scientific Computing	MATH-05/A	9	I	AFFINE
I	Physics and Quantum Computing - Part I	MATH-03/A	6	I	AFFINE
I	Machine Learning - Part I	INFO-01/A	6	I	CARATTERIZZANTE
I	Internet of Things and IoT Lab - Part I	INFO-01/A	6	I	CARATTERIZZANTE
I	Physics and Quantum Computing - Part II	PHYS-05/A	3	II	AFFINE
I	Machine Learning - Part II	INFO-01/A	6	II	CARATTERIZZANTE
I	Internet of Things and IoT Lab - Part II	INFO-01/A	6	II	CARATTERIZZANTE
I	Data Science Technology	INFO-01/A	6	II	CARATTERIZZANTE
II	Tech Skill Lab Big Data	INFO-01/A	6	I	
II	Tech Skill Lab Cloud Computing processing	INFO-01/A	6	I	
II	Tech Skill Computing & Software Design	INFO-01/A	6	I	
II	Elective		6	I	
II	Tech Skill Lab IoT	INFO-01/A	6	II	
II	Tech Skill Lab Machine Learning Computing	INFO-01/A	6	II	
II	Elective		6	II	
II	Stage/Internship & Language Certifications		9	II	
II	Final exam (MSc Thesis)		21	II	

INSEGNAMENTO A SCELTA PRE-APPROVATI

II	Computer Graphics and Videogaming	INFO-01/A	6	I	
II	Artificial Intelligence	INFO-01/A	6	I	
II	Computer Vision	INFO-01/A	6	I	
II	Cognitive Robotics	INFO-01/A	6	II	
II	Big Geo-Data Management	GEOS-03/A	6	II	
II	IOS Essentials (only for students of the Apple IOS Foundation Program)	INFO-01/A	6	I/II	