

Computer science - 42nd cycle

course	SSD	Type of activity	language	hrs	credits	year of attendance	final test	optional/ mandatory
METODI DI OTTIMIZZAZIONE/OPTIMIZATION METHODS	INF/01	lesson	English	8	1	1 st	YES	optional
	INF/01	laboratory	English	12	1		YES	optional
PROGETTAZIONE DEGLI ESPERIMENTI/DESIGN OF EXPERIMENTS	INF/01	lesson	English	16	2	1 st	YES	optional
ALGORITMI EFFICIENTI/EFFICIENT ALGORITHMS	INF/01	lesson	English	16	2	1 st	YES	optional
MODELLI FONDAZIONALI/FOUNDATIONAL MODELS	INF/01	lesson	English	8	1	1 st	YES	optional
	INF/01	laboratory	English	12	1		YES	optional
MACHINE LEARNING PARADIGM/PARADIGMI DI MACHINE LEARNING	INF/01	lesson	English	8	1	1 st	YES	optional
	INF/01	laboratory	English	12	1		YES	optional
METODI PER LA VALUTAZIONE DELLA PERFORMANCE E DATA-CENTRIC AI/PERFORMANCE EVALUATION AND DATA CENTRIC AI	INF/01	lesson	English	16	2	1 st	YES	optional
DIGITALIZZAZIONE DI SUPERFICI GEOMETRICHE E MACHINE LEARNING SU DATI GEOMETRICI/GEOMETRY PROCESSING AND MACHINE LEARNING FOR GEOMETRIC DATA	ING-INF/05	lesson	English	8	1	2 nd	YES	optional
	ING-INF/05	laboratory	English	12	1		YES	optional
MACHINE LEARNING ON THE EDGE/MACHINE LEARNING ON THE EDGE	INF/01	lesson	English	8	1	2 nd	YES	optional
		laboratory	English	12	1		YES	optional
COMPUTAZIONE NEURO-SIMBOLICA/NEURAL-SYMBOLIC COMPUTATION	INF/01	lesson	English	16	2	2 nd	YES	optional
ELABORAZIONE DEL LINGUAGGIO NATURALE/NATURAL LANGUAGE PROCESSING	INF/01	lesson	English	8	1	2 nd	YES	optional
	INF/01	laboratory	English	12	1		YES	optional
ATTACCHI ADVERSARIAL CONTRO CLASSIFICAZIONE E ALLINEAMENTO DEI MODELLI DI LINGUAGGIO/ADVERSARIAL ATTACKS ON CLASSIFICATION AND ALIGNMENT IN FOUNDATIONAL MODELS	INF/01	lesson	English	8	1	3 rd	YES	optional
	INF/01	laboratory	English	12	1		YES	optional
RETI CAUSALI: APPRENDIMENTO E INFERENZA/CAUSAL NETWORKS: LEARNING AND INFERENCE	INF/01	lesson	English	16	2	3 rd	YES	optional
REINFORCEMENT LEARNING/REINFORCEMENT LEARNING	INF/01	lesson	English	8	1	3 rd	YES	optional
	INF/01	laboratory	English	12	1		YES	optional
Total hrs/credits				240	26			