MASTER DEGREE COURSE IN "Engineering and Computer Science" (Italian degree classes LM-18/LM-32) ACTIVE COURSES IN THE ACADEMIC YEAR 2020/2021

Year 1 (A.Y. 2020/2021)

Class: LM-18 – Computer Science

Exam	Subject	Module	SSD	TAF*	Credits (CFU)	Hours	SEM	Teacher
1	Embedded systems		ING-INF/05	B	6	48	I	**Francesco Longo**
1	Computer system analysis		ING-INF/05	B	12	48	I	**Marco Scarpa**
						48	II	
1	Advanced algorithms and computational models	Mod. A	INF/01	B	6	48	I	**Giacomo Fiumara**
		Mod. B	INF/01	B	6	48	II	Massimo Villari
1	Game theory		SECS-S/06	C	6	48	I	Monica Milasi
1	Acoustics and sound processing		FIS/01	C	6	48	II	Mauro Federico
1	Computer system security		INF/01	C	6	48	II	Massimo Villari
	Teaching activities chosen by the student			D	6		I	
6			**TOT. of I YEAR CREDITS**		**54**			

(*) Type of Activity- B: characterizing activity; C: integrative training activity; D: free activity; E: thesis defense; F: other kind of activity; S: Stages and internships at companies, public or private bodies, professional associations

MASTER DEGREE COURSE IN "Engineering and Computer Science" (Italian degree classes LM-18/LM-32) ACTIVE COURSES IN THE ACADEMIC YEAR 2020/2021

Year 1 (A.Y. 2020/2021)

Class: LM-32 – Computer Engineering

Exam	Subject	Module	SSD	TAF*	Credits (CFU)	Hours	SEM	Teacher
1	Embedded systems		ING-INF/05	B	6	48	I	**Francesco Longo**
1	Computer system analysis		ING-INF/05	B	12	48	I	**Marco Scarpa**
						48	II	
1	Advanced algorithms and computational models	Mod. A	INF/01	C	6	48	I	**Giacomo Fiumara**
		Mod. B	INF/01	C	6	48	II	Massimo Villari
1	Wireless technologies		ING-INF/01	C	6	48	II	Alina Caddemi
1	Computer system security		INF/01	C	6	48	II	Massimo Villari
	Teaching activities chosen by the student			D	6		I	
1	One subject chosen between:							
	Managing innovation and entrepreneurship		SECS-P/08	C	6	48	I	Daniela Baglieri - From Master degree in Mechanical Engineering – Department of Engineering di Ingegneria
	Lean Production and Total quality management		SECS-P/13	C	6	48	I	Giuseppe Ioppolo
6			**TOT. of I YEAR CREDITS**		**54**			

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**MASTER DEGREE COURSE IN "Engineering and Computer Science" (Italian degree classes LM-18/LM-32)
ACTIVE COURSES IN THE ACADEMIC YEAR 2020/2021**

Year 2 (A.Y. 2020/2021)
(Contingent 2019/2020)

Class: LM-18 – Computer Science

Exam	Subject	Module	SSD	TAF*	Credits (CFU)	Hours	SEM	Teacher
1	One subject chosen between:							
	Advanced algorithms for scientific computing		MAT/08	C	6	48	I	Luigia Puccio
	Optimization methods and algorithms		MAT/07	C	6	48	II	Marina Dolfin
1	Distributed systems		ING-INF/05	B	12	48	I	**Antonio Puliafito**
						48	II	
1	Industrial automation and robotics	Mod. A	ING-INF/04	C	6	48	I	**Maria Gabriella Xibilia**
		Mod. B	ING-INF/04	C	6	48	II	Luca Patané
1	Parallel programming		ING-INF/05	B	6	48	I	Salvatore Distefano
1	Teaching activities chosen by the student			D	6		I	
	Internship			F	4		II	
	Final exam			E	20		II	
5			**TOT. of II YEAR CREDITS**		**66**			

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MASTER DEGREE COURSE IN "Engineering and Computer Science" (Italian degree classes LM-18/LM-32) ACTIVE COURSES IN THE ACADEMIC YEAR 2020/2021

Year 2 (A.Y. 2020/2021)
(Contingent 2019/2020)

Class: LM-32 – Computer Engineering

Exam	Subject	Module	SSD	TAF*	Credits (CFU)	Hours	SEM	Teacher
1	Advanced techniques of data analysis		ING-INF/05	B	6	48	I	**Dario Bruneo**
1	Distributed systems		ING-INF/05	B	12	48	I	**Antonio Puliafito**
						48	II	
1	Industrial automation and robotics	Mod. A	ING-INF/04	B	6	48	I	**Maria Gabriella Xibilia**
		Mod. B	ING-INF/04	B	6	48	II	Luca Patané
1	Laboratory of wireless technologies		ING-INF/01	C	6	48	I	**Giovanni Crupi**
1	Teaching activities chosen by the student			D	6		I	
	Internship			F	4		II	
	Final exam			E	20		II	
5			**TOT. of II YEAR CREDITS**		**66**			

Note: It is legal to bring forward the educational activities belonging to TAF D type

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