

Corso di Laurea Magistrale in Ingegneria delle Telecomunicazioni
Curriculum “Technologies for Internet and Aerospace”

I ANNO – 57 C.F.U. (a.a. 2020-2021)

CODICE	DENOMINAZIONE INSEGNAMENTO	C.F.U.	SEM.	S.S.D.	TIP.
DT0183	Environmental Impact of EM Fields	9	I	ING-IND/31	C
	Un insegnamento a scelta tra:	6			C
DT0181	<i>Combinatorics and cryptography</i>		II	MAT/02	
DT0182	<i>Measurements for telecommunications</i>		II	ING-INF/07	
DT0186	Digital communications	9	II	ING-INF/03	B
DT0187	Digital electronic systems	9	I	ING-INF/01	C
DT0188	Antennas and RF subsystems	9	I	ING-INF/02	B
DT0592	Digital signal processing with programmable HW design	6	II	ING-INF/03	B
I0592	English Level B2	3	I		F
	A scelta ¹⁾	6			D

¹⁾ Tra le varie opzioni si suggerisce l'insegnamento di Advanced and Software-Defined Networks (9 CFU, ING-INF/03).

II ANNO – 63 C.F.U. (a.a. 2021-2022)

CODICE	DENOMINAZIONE INSEGNAMENTO	C.F.U.	SEM.	S.S.D.	TIP.
DT0191	RF design for Internet of Things	9	I	ING-INF/02	B
DT0192	Wireless communications	9	I	ING-INF/03	B
DT0195	Embedded systems	6	I	ING-INF/05	C
DT0593	Wireless channels, MIMO and beamforming	6	I	ING-INF/03	B
DT0594	Radars and remote sensing	6	II	ING-INF/02	B
DT0595	Laboratory of SDR and IoT	6	II		D
	Further training and internship	9			F
	Final dissertation	12			E

Corso di Laurea Magistrale in Ingegneria delle Telecomunicazioni Curriculum “Networks and Services”

I ANNO – 60 C.F.U. (a.a. 2020-2021)

CODICE	DENOMINAZIONE INSEGNAMENTO	C.F.U.	SEM.	S.S.D.	TIP.
DT0615	Advanced and software defined networks	9	II	ING-INF/03	B
DT0430	Software Engineering	9	I	ING-INF/05	C
DT0349	ICT-Security	6	II	ING-INF/03	B
	Un insegnamento a scelta tra:	6			C
DT0181	<i>Combinatorics and cryptography</i>		II	MAT/02	
DT0060	<i>Network optimization</i>		II	MAT/09	
DT0186	Digital Communications	9	II	ING-INF/03	B
DT0187	Digital electronic systems	9	I	ING-INF/01	C
I0592	English Level B2	3	I		F
	A scelta ²⁾	6			D

II ANNO – 60 C.F.U. (a.a. 2021-2022)

CODICE	DENOMINAZIONE INSEGNAMENTO	C.F.U.	SEM.	S.S.D.	TIP.
DT0596	Optical communications	6	I	ING-INF/02	B
DT0192	Wireless Communications	9	I	ING-INF/03	B
	Un insegnamento a scelta tra:	6			B
DT0593	<i>Wireless channels, MIMO and beamforming</i>		I	ING-INF/03	
DT0600	<i>Statistical signal processing and multimedia</i>		I	ING-INF/03	
	Un insegnamento a scelta tra:	6			C
DT0597	<i>Machine Learning for Smart Cities Automation</i>		I	ING-INF/04	
DT0195	<i>Embedded systems</i>		I	ING-INF/05	
DT0598	Design of access, metro, and core networks	6	II	ING-INF/03	B
DT0595	Laboratory of SDR, and IoT	6	II	ING-INF/03	D
	A scelta ²⁾	3			D
	Further training and internship	9			F
	Final dissertation	12			E

²⁾ Tra le varie opzioni si suggeriscono gli insegnamenti di Big Data: Modelli e Algoritmi (ING-INF/05 – 3/6 CFU), Machine Learning (INF/01– 6 CFU) Service-Oriented Software Engineering (INF/01 – 6 CFU), Advanced Software Engineering (INF/01 – 6 CFU), Data Acquisition Systems in Smart Cities (ING-INF/03 – 6 CFU), Cloud Architecture and Services (ING-INF/03 – 3 CFU) DT0599.