



DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE

Ciclo 2021

Corso di Laurea Magistrale COMMUNICATION ENGINEERING AND ELECTRONIC TECHNOLOGIES

SSD	MODULO	Cfu	SEMESTRE	TAF
ANNO I – A.A. 2021/2022				
MAT/05	MATHEMATICAL METHODS FOR ENGINEERING	9	I	AFFINE
ING-INF/03	STATISTICAL SIGNAL PROCESSING AND LEARNING	9	I	CARATTERIZZANTE
ING-INF/01	ELECTRONIC AND PHOTONIC DEVICES	6	I	AFFINE
	TOTAL CREDITS I SEMESTER	24		
ING-INF/03	DIGITAL COMMUNICATIONS	9	II	CARATTERIZZANTE
ING-INF/02	MICROWAVES	9	II	CARATTERIZZANTE
ING-INF/01	MICROELECTRONIC DESIGN (C.I.)	6	II	AFFINE
ING-INF/01	RF MICROELECTRONICS (C.I.)	6	II	AFFINE
	TOTAL CREDITS II SEMESTER	30		
	ELECTIVES: STUDENTS MUST CHOOSE COURSES HELD IN ENGLISH FOR MASTER DEGREES. IT IS NOT POSSIBLE TO CHOOSE A SINGLE MODULE FROM AN INTEGRATED COURSE.	9		A SCELTA
	TOTAL CREDITS I YEAR	63		
ANNO II – A.A. 2022/2023				
ING-INF/07	INSTRUMENTATION AND MEASUREMENT LABORATORY	6	I	AFFINE
ING-INF/02	CAD AND LABORATORY OF HIGH FREQUENCY CIRCUITS AND ANTENNAS	12	I	CARATTERIZZANTE
ING-INF/03	WIRELESS SYSTEMS	9	II	CARATTERIZZANTE
	CV1: ELECTRONIC SYSTEMS AND TECHNOLOGIES			
ING-INF/01	NANOTECHNOLOGIES FOR ELECTRONICS	6	II	AFFINE
ING-INF/01	SIGNAL ACQUISITION AND ELECTRONIC DESIGN	9	II	AFFINE
	CV2: TELECOM APPLICATIONS			
ING-INF/02	APPLIED ELECTROMAGNETICS	9	I	CARATTERIZZANTE
	UNO A SCELTA TRA:			
ING-INF/03	LABORATORY OF WIRELESS COMMUNICATIONS AND RADAR	6	II	CARATTERIZZANTE
ING-INF/02	ELECTROMAGNETIC SOLUTIONS FOR HI-TECH	6	II	CARATTERIZZANTE
	TOTAL CREDITS I SEMESTER (cv1 - cv2)	18-27		
	TOTAL CREDITS II SEMESTER (cv1 - cv2)	24-15		
	INTERNSHIP/TRAINING	3		



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	FINAL EXAM	12		
	TOTAL II YEAR	57		

FOR THESE EXAMS:	These are prerequisites:	The following knowledge is required:
DIGITAL TRANSMISSION THEORY	//	STATISTICAL SIGNAL PROCESSING
TELECOMMUNICATION SYSTEMS	//	COMPUTER NETWORKS