



# DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE

Manifeso degli studi A.A. 2021/2022

Corso di Laurea Magistrale

## COMMUNICATION ENGINEERING AND ELECTRONIC TECHNOLOGIES

SSD	MODULO	CFU	SEMESTRE	TAF
<b>I ANNO – CICLO 2021</b>				
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
	<b>TOTAL CREDITS I SEMESTER</b>	<b>24</b>		
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
	<b>TOTAL CREDITS II SEMESTER</b>	<b>30</b>		
	<b>ELECTIVES:</b> 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
<b>II ANNO – CICLO 2020</b>				
ING-INF/07	MEASUREMENTS FOR TELECOMMUNICATIONS	6	I	AFFINE
ING-INF/02	CAD AND LABORATORY OF HIGH FREQUENCY CIRCUITS AND ANTENNAS	12	I	CARATTERIZZANTE
ING-INF/01	MICROELECTRONIC DESIGN (C.I.)	6	II	AFFINE
ING-INF/01	RF MICROELECTRONICS (C.I.)	6	II	AFFINE
ING-INF/03	TELECOMMUNICATION SYSTEMS	9	II	CARATTERIZZANTE
ING-INF/01	SIGNALS ACQUISITION AND ELECTRONIC DESIGN	9	II	AFFINE
	<b>ONE OF THE FOLLOWING COURSES</b>			
ING-INF/02	APPLIED ELECTROMAGNETICS	6	I	CARATTERIZZANTE
ING-INF/02	ELECTROMAGNETIC SOLUTIONS FOR HI-TECH	6	II	CARATTERIZZANTE
	<b>TOTAL CREDITS I SEMESTER</b>	<b>18-24</b>		
	<b>TOTAL CREDITS II SEMESTER</b>	<b>30-36</b>		
	INTERNSHIP/TRAINING	3		
	<b>FINAL EXAM</b>	<b>12</b>		

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