



## DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE

Ciclo 2024

Corso di Laurea Magistrale **COMMUNICATION ENGINEERING AND ELECTRONIC TECHNOLOGIES**

SSD	MODULO	CFU	SEMESTRE	TAF
<b>I ANNO – A.A. 2024/2025</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>		
	<i>ELECTIVES</i> : 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>TOTAL CREDITS I YEAR</b>	<b>63</b>		
<b>II ANNO – A.A. 2025/2026</b>				
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
	<b>CV1: ELECTRONIC SYSTEMS AND TECHNOLOGIES</b>			
ING-INF/01	NANOTECHNOLOGIES FOR ELECTRONICS	6	II	AFFINE
ING-INF/01	SIGNAL ACQUISITION AND ELECTRONIC DESIGN	9	II	AFFINE
	<b>CV2: TELECOM APPLICATIONS</b>			
ING-INF/02	APPLIED ELECTROMAGNETICS	9	I	CARATTERIZZANTE
ING-INF/03	LABORATORY OF WIRELESS COMMUNICATIONS AND RADAR	6	II	CARATTERIZZANTE
	<b>TOTAL CREDITS I SEMESTER (cv1 - cv2)</b>	<b>18-27</b>		
	<b>TOTAL CREDITS II SEMESTER (cv1 - cv2)</b>	<b>24-15</b>		
	INTERNSHIP/TRAINING	3		
	<b>FINAL EXAM</b>	<b>12</b>		
	<b>TOTAL II YEAR</b>	<b>57</b>		



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