



DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE  
**Rules Cycle 2018**  
**2 Years Master Course in /Laurea Magistrale in**  
**Communication Engineering and Electronic Technologies**  
**(Taught in English)**  
**D.M. 270/04**

SSD	Modulo	CFU	Sem	AF
<b>I year Cycle 2018 – A.A. 2018/19</b>				
MAT/05	MATHEMATICAL METHODS FOR ENGINEERING	9	I	AFFINE
ING-INF/03	STATISTICAL SIGNAL PROCESSING	9	I	CARATTERIZZANTE
ING-INF/01	ELECTRONIC AND PHOTONIC DEVICES	6	I	AFFINE
	ENGLISH II	3	I	ALTRE
<b>TOTAL CREDITS I SEMESTER</b>		<b>27</b>		
ING-INF/03	DIGITAL TRANSMISSION THEORY	9	II	CARATTERIZZANTE
ING-INF/02	MICROWAVES	9	II	CARATTERIZZANTE
<b>TOTAL CREDITS II SEMESTER</b>		<b>18</b>		
<b>Electives:</b> <b>Students must choose courses held in English for Master Degrees.</b> <b>It is not possible to choose a single module from an integrated course.</b> (Gli studenti sono obbligati alla scelta di insegnamenti erogati in lingua inglese e attivati sui Corsi di Laurea Magistrale. La scelta non può interessare singoli moduli appartenenti a corsi integrati)				A SCELTA
<b>TOTAL CREDITS I YEAR</b>		<b>54</b>		
<b>II year Cycle 2018 – A.A. 2019/20</b>				
ING-INF/01	MICROELECTRONIC DESIGN	9	I	AFFINE
ING-INF/02	CAD AND LABORATORY OF HIGH FREQUENCY CIRCUITS AND ANTENNAS	12	I	CARATTERIZZANTE
ING-INF/07	MEASUREMENTS FOR TELECOMMUNICATIONS	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>21-27</b>		
<b>TOTAL CREDITS II SEMESTER</b>		<b>24-30</b>		
<b>Internship/TRAINING (TIROCINIO)</b>		<b>3</b>		
<b>FINAL EXAM (TESI DI LAUREA)</b>		<b>12</b>		
<b>TOTAL CREDITS II YEAR</b>		<b>66</b>		

### REQUIREMENTS AND PREREQUISITES

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