

**1° Year**

<b>First Semester</b>	<b>Learning Activity</b>	<b>Credits</b>	<b>Professor</b>	<b>Code</b>
Lessons held in English	Advanced Mathematical Methods for Engineers	9	Ugo Pietro Gianazza	504434
Lessons held in English	Analog Integrated Circuits	9	Franco Maloberti	504435
Lessons held in English	Digital Signal Processing	9	Pietro Savazzi	503116
Lessons held in English	Introduction to Quantum Mechanics	3	Daniele Bajoni	507294
<b>Second Semester</b>				
Lessons held in English	Microwaves	9	Paolo Arcioni	504437
Lessons held in English	Integrated Circuit Devices	9	Rinaldo Castello	504990
Lessons held in English	RF Microelectronics	9	Francesco Svelto	504439
Lessons held in English	Digital IC Design	6	Guido Torelli	504440

**2° Year****Annual Courses**

Lessons held in English	Industrial Topics in Communication and Sensing	3	Rinaldo Castello	505060
Lessons held in English	Advanced Topics in Microwaves Technologies	3	Paolo Arcioni	505013
Lessons held in English	Industrial Topics in Microelectronics	3	Rinaldo Castello	505060

**First Semester**

Lessons held in English	Electronic Instrumentation and Technologies	6	Guido Torelli	505002
Lessons held in English	Circuits and Systems for Wireline Communications	6	Andrea Mazzanti	504443
Lessons held in English	VLSI Analog-Digital Interface ICS	6	Daniilo Manstretta	505003
Lessons held in English	Antennas	6	Maurizio Bozzi	504444
Lessons held in English	Internet e Multimedia	6	Lorenzo Favalli	502962
	Microsensori, Microsistemi Integrati e MEMS	6	Valerio Annovazzi Iodi	502993
Lessons held in English	Microwave Measurements	6	Luca Perregrini	505006
Lessons held in English	Computational Electromagnetics	6	Maurizio Bozzi	505150
Lessons held in English	Electromagnetic Compatibility	6	Salvatore Caorsi	505007
Lessons held in English	Satellite and Space Systems	6	Marco Pasian	505017
Lessons held in English	Electro-Optical Instrumentation	6	Guido Giuliani – Giuseppe Martini	505021
	Sicurezza Laser	6	Giuseppe Martini – Alessandra T	504232
Lessons held in English	Process Control	6	Antonella Ferrara	504462
Lessons held in English	Quantum Electronics	6	Federico Pirzio	504993

Lessons held in English	Optoelectronic devices	9	Guido Giuliani	504992
	Strumentazione biomedica LM	6	Giorgio Beltrami	503188
Lessons held in English	Circuits and systems for high-speed communications	6	Andrea Mazzanti	507307
<b>Second Semester</b>				
	Etica Ambientale	3	Vittorio Vaccari	501246
Lessons held in English	Robot control	6	Antonella Ferrara	504463
Lessons held in English	Industrial control	6	Lalo Magni	504717
Lessons held in English	Optical Communications	9	Valerio Annovazzi Lodi	504994
Lessons held in English	Radar Remote Sensing	6	Fabio dell'Acqua	505000
Lessons held in English	Inverse Scattering Techniques and Diagnostic	6	Salvatore Caorsi	505001
	Biofotonica A	3	Sabina Merlo	504240
	Biofotonica B	3	Ilaria Cristiani	504241
Lessons held in English	Organization Theory and Design	6	Giorgio Greco	504464
	Elettronica di Potenza	6	Enrico Dallago	502466
Lessons held in English	Digital Communications	6	Paolo Ettore Gamba	504998
Lessons held in English	Planning, Management and supply of goods and services	3	Fabio Luigi Fugazza	507220