

1° Year		Courses Held in English		
First Semester	Learning Activity	Credits	Professor	Code
Lessons held in English	Advanced Mathematical Methods for Engineers	9	Ugo Pietro Gianazza	504434
Lessons held in English	Optoelectronic Devices	9	Guido Giuliani	504992
Lessons held in English	Semiconductor Device Physics	6	Daniele Bajoni	504436
Lessons held in English	Quantum Electronics	6	Federico Pirzio	504993
Second Semester				
Lessons held in English	Microwaves	9	Paolo Arcioni	504437
Lessons held in English	Optical Communications	9	Valerio Annovazzi Lodi	504994
Lessons held in English	Nonlinear Optics	6	Luca Tartara	504996
Lessons held in English	Digital Communications	6	Paolo Ettore Gamba	504998

2° Year		Courses Held in English		
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	Ludovico Ratti	505002
Lessons held in English	Circuits and Systems for High- speed Communications	6	Andrea Mazzanti	507307
Lessons held in English	VLSI Analog-Digital Interface ICS	6	Danilo Manstretta	505003
	Internet e Multimedia	6	Lorenzo Favalli	502962
	Microsensori, Microsistemi Integrati e MEMS	6	Valerio Annovazzi lodi	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	Strumentazione biomedica LM	6	Giorgio Beltrami	503188
Lessons held in English	Electro-Optical Instrumentation	6	Guido Giuliani – Giuseppe Martini	505021
	Sicurezza Laser	6	Giuseppe Martini	504232
Lessons held in English	Process Control	6	Antonella Ferrara	504462
Lessons held in English	Industrial Laser Design	6	Antoniangelo Agnesi	505015
Lessons held in English	Antennas and Propagation	9	Maurizio Bozzi	504999

Second Semester

	Optoelettronica biomedica	6	Sabina Giovanna Merlo	502987
Lessons held in English	Industrial control	6	Lalo Magni	504717
Lessons held in English	Robot control	6	Antonella Ferrara	504463
Lessons held in English	Radar remote control	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
	Etica ambientale	3	Vittorio Vaccari	501246
Lessons held in English	Planning, management and supply of goods and services	3	Fabio Luigi Fugazza	507220