

Universita degli Studi di Pavia
Corso di Studio: ELECTRONIC ENGINEERING - 06416
Classe LM-29 Ingegneria elettronica
Ordinamento 2013/2014 - Regulations Year 2015/2016

Study plan academic year 2016/2017

to submit online between November 11 and December 1, 2016 when enrollment is effective

MATRICOLA -Student Nr.	SURNAME NAME
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CURRICULUM 01 - MICROELECTRONICS

1st year - Academic year 2015/2016

Learning Activity	CFU	N°	compulsory	Sector	Type of learning activity	Period
504434 - ADVANCED MATHEMATICAL METHODS FOR ENGINEERS	9	1	X	MAT/05	Related/Supplementary	First Semester
504435 - ANALOG INTEGRATED CIRCUITS	9	2	X	ING-INF/01	Distinctive	First Semester
503116 - DIGITAL SIGNAL PROCESSING	9	3	X	ING-INF/03	Related/Supplementary	First Semester
507294 - INTRODUCTION TO QUANTUM MECHANICS	3	4	X	FIS/03	Related/Supplementary	First Semester
504437 - MICROWAVES	9	5	X	ING-INF/02	Distinctive	Second Semester
504990 - INTEGRATED CIRCUIT DEVICES	9	6	X	ING-INF/01	Distinctive	Second Semester
504439 - RF MICROELECTRONICS	9	7	X	ING-INF/01	Distinctive	Second Semester
504440 - DIGITAL IC DESIGN	6	8	X	ING-INF/01	Distinctive	Second Semester
TOT. 63 CFU						

2nd year - academic year 2016/2017

Learning Activity	CFU	N°	compulsory	Sector	Type of learning activity	Period
505002 - ELECTRONIC INSTRUMENTATION AND TECHNOLOGIES	6	9	X	ING-INF/01	Distinctive	First Semester
507307 - CIRCUITS AND SYSTEMS FOR HIGH-SPEED COMMUNICATIONS	6	10 *		ING-INF/01	Distinctive	First Semester
505003 - VLSI ANALOG-DIGITAL INTERFACE ICS	6	10 *		ING-INF/01	Distinctive	First Semester
504444 - ANTENNAS	6	11	X	ING-INF/02	Distinctive	First Semester
FREE CHOICE OFFERED BY THE UNIVERSITY	12	12 *			Optional	
507307 - CIRCUITS AND SYSTEMS FOR HIGH-SPEED COMMUNICATIONS	6	12 *		ING-INF/01	Optional	First Semester
505003 - VLSI ANALOG-DIGITAL INTERFACE ICS	6	12 *		ING-INF/01	Optional	First Semester
507288 - INTERNET AND MULTIMEDIA	6	12 *		ING-INF/03	Optional	First Semester

502993 - MICROSENSORI, MICROSISTEMI INTEGRATI E MEMS	6	12 *		ING-INF/01	Optional	First Semester
505006 - MICROWAVE MEASUREMENTS	6	12 *		ING-INF/02	Optional	First Semester
505150 - COMPUTATIONAL ELECTROMAGNETICS	6	12 *		ING-INF/02	Optional	First Semester
505007 - ELECTROMAGNETIC COMPATIBILITY	6	12 *		ING-INF/02	Optional	First Semester
505017 - SATELLITE AND SPACE SYSTEMS	6	12 *		ING-INF/01	Optional	First Semester
505021 - ELECTRO-OPTICAL INSTRUMENTATION	6	12 *		ING-INF/01	Optional	First Semester
504232 - SICUREZZA LASER	6	12 *		FIS/03	Optional	First Semester
504462 - PROCESS CONTROL	6	12 *		ING-INF/04	Optional	First Semester
504463 - ROBOT CONTROL	6	12 *		ING-INF/04	Optional	Second Semester
503188 - STRUMENTAZIONE BIOMEDICA LM	6	12 *		ING-INF/06	Optional	First Semester
504717 - INDUSTRIAL CONTROL	6	12 *		ING-INF/04	Optional	Second Semester
504992 - OPTOELECTRONIC DEVICES	9	12 *		ING-INF/01	Optional	First Semester
504993 - QUANTUM ELECTRONICS	6	12 *		FIS/03	Optional	First Semester
504994 - OPTICAL COMMUNICATIONS	9	12 *		ING-INF/01	Optional	Second Semester
505000 - RADAR REMOTE SENSING	6	12 *		ING-INF/02	Optional	Second Semester
505001 - INVERSE SCATTERING TECHNIQUES AND DIAGNOSTIC	6	12 *		ING-INF/02	Optional	Second Semester
504240 - BIOFOTONICA A	3	12 *		ING-INF/01	Optional	Second Semester
504241 - BIOFOTONICA B	3	12 *		FIS/03	Optional	Second Semester
504464 - ORGANIZATION THEORY AND DESIGN	6	12 *		SECS-P/06	Optional	Second Semester
502466 - ELETTRONICA DI POTENZA	6	12 *		ING-INF/01	Optional	Second Semester
504998 - DIGITAL COMMUNICATIONS	6	12 *		ING-INF/03	Optional	Second Semester
507293 - INDUSTRIAL TOPICS IN COMMUNICATION AND SENSING	3	13 *		ING-INF/03	Other	Single year
505013 - ADVANCED TOPICS IN MICROWAVE TECHNOLOGIES	3	13 *		ING-INF/02	Other	Single year
505060 - INDUSTRIAL TOPICS IN MICROELECTRONICS	3	13 *		ING-INF/01	Other	Single year
501246 - ETICA AMBIENTALE	3	13 *		ICAR/03	Other	Second Semester
507220 - PLANNING, MANAGEMENT AND SUPPLY OF GOODS AND SERVICES	3	13 *		ING-IND/35	Other	Second Semester
503327 - MASTER THESIS	24		X	PROFIN_S	Final exam	
TOT. 57 CFU						

**** Please choose a 6 credits exam to fill position n° 10 "Distinctive"; a 12 credits exam to fill position n° 12 "Optional"; a 3 credits exam to fill position n° 13 "Other"**

CURRICULUM 02 - PHOTONICS

1st year - Academic year 2015/2016

Learning Activity	CFU	N°	compulsory	Sector	Type of learning activity	Period
504434 - ADVANCED MATHEMATICAL METHODS FOR ENGINEERS	9	1	X	MAT/05	Related/ Supplementary	First Semester
504992 - OPTOELECTRONIC DEVICES	9	2	X	ING-INF/01	Distinctive	First Semester
504436 - SEMICONDUCTOR DEVICE PHYSICS	6	3	X	FIS/03	Related/ Supplementary	First Semester
504993 - QUANTUM ELECTRONICS	6	4	X	FIS/03	Related/ Supplementary	First Semester
504437 - MICROWAVES	9	5	X	ING-INF/02	Distinctive	Second Semester
504994 - OPTICAL COMMUNICATIONS	9	6	X	ING-INF/01	Distinctive	Second Semester
504996 - NONLINEAR OPTICS	6	7	X	FIS/03	Related/ Supplementary	Second Semester
504998 - DIGITAL COMMUNICATIONS	6	8	X	ING-INF/03	Related/ Supplementary	Second Semester
TOT. 60 CFU						

2nd year - academic year 2016/2017

Learning Activity	CFU	N°	Obbl.	Settore	Tipo di attività formativa	Periodo
505021 - ELECTRO-OPTICAL INSTRUMENTATION	6	9	X	ING-INF/01	Distinctive	First Semester
505015 - INDUSTRIAL LASER DESIGN	6	10	X	ING-INF/01	Distinctive	First Semester
504999 - ANTENNAS AND PROPAGATION	9	11	X	ING-INF/02	Distinctive	First Semester
FREE CHOICE OFFERED BY THE UNIVERSITY	12	12 *			Optional	
505002 - ELECTRONIC INSTRUMENTATION AND TECHNOLOGIES	6	12 *		ING-INF/01	Optional	First Semester
507307 - CIRCUITS AND SYSTEMS FOR HIGH-SPEED COMMUNICATIONS	6	12 *		ING-INF/01	Optional	First Semester
505003 - VLSI ANALOG-DIGITAL INTERFACE ICS	6	12 *		ING-INF/01	Optional	First Semester
507288 - INTERNET AND MULTIMEDIA	6	12 *		ING-INF/03	Optional	First Semester
502993 - MICROSENSORI, MICROSISTEMI INTEGRATI E MEMS	6	12 *		ING-INF/01	Optional	First Semester
502987 - OPTOELETTRONICA BIOMEDICA	6	12 *		ING-INF/01	Optional	Second Semester
505006 - MICROWAVE MEASUREMENTS	6	12 *		ING-INF/02	Optional	First Semester
505150 - COMPUTATIONAL ELECTROMAGNETICS	6	12 *		ING-INF/02	Optional	First Semester
505007 - ELECTROMAGNETIC COMPATIBILITY	6	12 *		ING-INF/02	Optional	First Semester
504717 - INDUSTRIAL CONTROL	6	12 *		ING-INF/04	Optional	Second Semester
505017 - SATELLITE AND SPACE SYSTEMS	6	12 *		ING-INF/01	Optional	First Semester
504232 - SICUREZZA LASER	6	12 *		FIS/03	Optional	First Semester

504462 - PROCESS CONTROL	6	12 *		ING-INF/04	Optional	First Semester
504463 - ROBOT CONTROL	6	12 *		ING-INF/04	Optional	Second Semester
505000 - RADAR REMOTE SENSING	6	12 *		ING-INF/02	Optional	Second Semester
505001 - INVERSE SCATTERING TECHNIQUES AND DIAGNOSTIC	6	12 *		ING-INF/02	Optional	Second Semester
504240 - BIOFOTONICA A	3	12 *		ING-INF/01	Optional	Second Semester
504241 - BIOFOTONICA B	3	12 *		FIS/03	Optional	Second Semester
503188 - STRUMENTAZIONE BIOMEDICA LM	6	12 *		ING-INF/06	Optional	Primo semestre
504464 - ORGANIZATION THEORY AND DESIGN	6	12 *		SECS-P/06	Optional	Second Semester
502466 - ELETTRONICA DI POTENZA	6	12 *		ING-INF/01	Optional	Second Semester
507293 - INDUSTRIAL TOPICS IN COMMUNICATION AND SENSING	3	13 *		ING-INF/03	Other	Single year
505013 - ADVANCED TOPICS IN MICROWAVE TECHNOLOGIES	3	13 *		ING-INF/02	Other	Single year
505060 - INDUSTRIAL TOPICS IN MICROELECTRONICS	3	13 *		ING-INF/01	Other	Single year
501246 - ETICA AMBIENTALE	3	13 *		ICAR/03	Other	Second Semester
507220 - PLANNING, MANAGEMENT AND SUPPLY OF GOODS AND SERVICES	3	13 *		ING-IND/35	Other	Second Semester
503327 - MASTER THESIS	24		X	PROFIN_S	Final exam	
TOT. 60 CFU						

** Please choose a 12 credits exam to fill position n° 12 "Optional"; a 3 credits exam to fill position n° 13 "Other"

CURRICULUM 03 - SPACE COMMUNICATION AND SENSING

1st year - Academic year 2015/2016

Learning Activity	CFU	N°	Obbl.	Settore	Tipo di attività formativa	Periodo
504434 - ADVANCED MATHEMATICAL METHODS FOR ENGINEERS	9	1	X	MAT/05	Related/ Supplementary	First Semester
503116 - DIGITAL SIGNAL PROCESSING	9	2	X	ING-INF/03	Related/ Supplementary	First Semester
504993 - QUANTUM ELECTRONICS	6	3 *		FIS/03	Related/ Supplementary	First Semester
504436 - SEMICONDUCTOR DEVICE PHYSICS	6	3 *		FIS/03	Related/ Supplementary	First Semester
504999 - ANTENNAS AND PROPAGATION	9	4	X	ING-INF/02	Distinctive	First Semester
504437 - MICROWAVES	9	5	X	ING-INF/02	Distinctive	Second Semester
504994 - OPTICAL COMMUNICATIONS	9	6 *		ING-INF/01	Distinctive	Second Semester
504439 - RF MICROELECTRONICS	9	6 *		ING-INF/01	Distinctive	Second Semester
505001 - INVERSE SCATTERING TECHNIQUES AND DIAGNOSTIC	6	7 *		ING-INF/02	Distinctive	Second Semester

505000 - RADAR REMOTE SENSING	6	7 *		ING-INF/02	Distinctive	Second Semester
504998 - DIGITAL COMMUNICATIONS	6	8	X	ING-INF/03	Related/ Supplementary	Second Semester
TOT. 63 CFU						

**** Please choose a 6 credits exam to fill position n° 3 "Related/Supplementary"; a 9 credits exam to fill position n° 6 "Distinctive"; a 6 credits xam to fill position n° 7 "Distinctive"**

2nd year - academic year 2016/2017

Learning Activity	CFU	N°	Obbl.	Settore	Tipo di attività formativa	Periodo
505002 - ELECTRONIC INSTRUMENTATION AND TECHNOLOGIES	6	9 *		ING-INF/01	Distinctive	First Semester
505021 - ELECTRO-OPTICAL INSTRUMENTATION	6	9 *		ING-INF/01	Distinctive	First Semester
507307 - CIRCUITS AND SYSTEMS FOR HIGH-SPEED COMMUNICATIONS	6	9 *		ING-INF/01	Distinctive	First Semester
505017 - SATELLITE AND SPACE SYSTEMS	6	9 *		ING-INF/01	Distinctive	First Semester
505006 - MICROWAVE MEASUREMENTS	6	10 *		ING-INF/02	Distinctive	First Semester
505150 - COMPUTATIONAL ELECTROMAGNETICS	6	10 *		ING-INF/02	Distinctive	First Semester
505007 - ELECTROMAGNETIC COMPATIBILITY	6	10 *		ING-INF/02	Distinctive	First Semester
505018 - SATELLITE DATA ANALYSIS	6	11 *		ING-INF/03	Related/ Supplementary	First Semester
505019 - WIRELESS NETWORKS	6	11 *		ING-INF/03	Related/ Supplementary	First Semester
FREE CHOICE OFFERED BY THE UNIVERSITY	12	12 *			Optional	
505003 - VLSI ANALOG-DIGITAL INTERFACE ICS	6	12 *		ING-INF/01	Optional	First Semester
504232 - SICUREZZA LASER	6	12 *		FIS/03	Optional	First Semester
504462 - PROCESS CONTROL	6	12 *		ING-INF/04	Optional	First Semester
504463 - ROBOT CONTROL	6	12 *		ING-INF/04	Optional	Second Semester
504717 - INDUSTRIAL CONTROL	6	12 *		ING-INF/04	Optional	Second Semester
507288 - INTERNET AND MULTIMEDIA	6	12 *		ING-INF/03	Optional	First Semester
504240 - BIOFOTONICA A	3	12 *		ING-INF/01	Optional	Second Semester
504241 - BIOFOTONICA B	3	12 *		FIS/03	Optional	Second Semester
507307 - CIRCUITS AND SYSTEMS FOR HIGH-SPEED COMMUNICATIONS	6	12 *		ING-INF/01	Optional	First Semester
505150 - COMPUTATIONAL ELECTROMAGNETICS	6	12 *		ING-INF/02	Optional	First Semester
505007 - ELECTROMAGNETIC COMPATIBILITY	6	12 *		ING-INF/02	Optional	First Semester
505002 - ELECTRONIC INSTRUMENTATION AND TECHNOLOGIES	6	12 *		ING-INF/01	Optional	First Semester
505021 - ELECTRO-OPTICAL INSTRUMENTATION	6	12 *		ING-INF/01	Optional	First Semester

505001 - INVERSE SCATTERING TECHNIQUES AND DIAGNOSTIC	6	12 *		ING-INF/02	Optional	Second Semester
502993 - MICROSENSORI, MICROSISTEMI INTEGRATI E MEMS	6	12 *		ING-INF/01	Optional	First Semester
505006 - MICROWAVE MEASUREMENTS	6	12 *		ING-INF/02	Optional	First Semester
504994 - OPTICAL COMMUNICATIONS	9	12 *		ING-INF/01	Optional	Second Semester
504464 - ORGANIZATION THEORY AND DESIGN	6	12 *		SECS-P/06	Optional	Second Semester
502466 - ELETTRONICA DI POTENZA	6	12 *		ING-INF/01	Optional	Second Semester
504993 - QUANTUM ELECTRONICS	6	12 *		FIS/03	Optional	First Semester
505000 - RADAR REMOTE SENSING	6	12 *		ING-INF/02	Optional	Second Semester
504439 - RF MICROELECTRONICS	9	12 *		ING-INF/01	Optional	Second Semester
505017 - SATELLITE AND SPACE SYSTEMS	6	12 *		ING-INF/01	Optional	First Semester
505018 - SATELLITE DATA ANALYSIS	6	12 *		ING-INF/03	Optional	First Semester
503188 - STRUMENTAZIONE BIOMEDICA LM	6	12 *		ING-INF/06	Optional	First Semester
504436 - SEMICONDUCTOR DEVICE PHYSICS	6	12 *		FIS/03	Optional	First Semester
505019 - WIRELESS NETWORKS	6	12 *		ING-INF/03	Optional	First Semester
507293 - INDUSTRIAL TOPICS IN COMMUNICATION AND SENSING	3	13 *		ING-INF/03	Other	Single year
505013 - ADVANCED TOPICS IN MICROWAVE TECHNOLOGIES	3	13 *		ING-INF/02	Other	Single year
505060 - INDUSTRIAL TOPICS IN MICROELECTRONICS	3	13 *		ING-INF/01	Other	Single year
501246 - ETICA AMBIENTALE	3	13 *		ICAR/03	Other	Second Semester
507220 - PLANNING, MANAGEMENT AND SUPPLY OF GOODS AND SERVICES	3	13 *		ING-IND/35	Other	Second Semester
503327 - MASTER THESIS	24		X	PROFIN_S	Final exam	
TOT. 57 CFU						

* Please choose a 6 credits exam fill position n° 9 "Distinctive"; a 6 credits exam to fill position n° 10 "Distinctive"; a 6 credits exam to fill position n° 11 "Related/Supplementary"; a 12 credits exam to fill position n° 12 "Optional"; a 3 credits exam to fill position n° 13 "Other"

Date Signature