# Università degli Studi di Pavia

# Corso di Studio: ELECTRONIC ENGINEERING - 06416

### Classe LM-29 Ingegneria elettronica

#### Ordinamento 2013/2014 - Regulations Year 2016/2017

#### Study plan academic year 2016/2017

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

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### **CURRICULUM 01 - MICROELECTRONICS**

#### 1st year - Academic year 2016/2017

Learning Activity		N°	compul sory	Sector	Type of learning activity	Period	
504434 - ADVANCED MATHEMATICAL METHODS FOR ENGINEERS	9	1	х	MAT/05	Related/ Supplementary	First Semester	
504435 - ANALOG INTEGRATED CIRCUITS	9	2	x	ING-INF/01	Distincitive	First Semester	
503116 - DIGITAL SIGNAL PROCESSING	9	3	х	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	Distincitive	Second Semester	
504990 - INTEGRATED CIRCUIT DEVICES	9	6	x	ING-INF/01	Distincitive	Second Semester	
504439 - RF MICROELECTRONICS	9	7	x	ING-INF/01	Distincitive	Second Semester	
504440 - DIGITAL IC DESIGN	6	8	x	ING-INF/01	Distincitive	Second Semester	
TOT. 63 CFU							

## **CURRICULUM 02 - PHOTONICS**

#### 1st year - Academic year 2016/2017

Learning Activity		N°	compul sory	Sector	Type of learning activity	Period
504434 - ADVANCED MATHEMATICAL METHODS FOR ENGINEERS	9	1	х	MAT/05	Related/ Supplementary	First Semester
504992 - OPTOELECTRONIC DEVICES	9	2	х	ING-INF/01	Distincitive	First Semester
504436 - SEMICONDUCTOR DEVICE PHYSICS	6	3	х	FIS/03	Related/ Supplementary	First Semester
504993 - QUANTUM ELECTRONICS	6	4	х	FIS/03	Related/ Supplementary	First Semester
504437 - MICROWAVES	9	5	х	ING-INF/02	Distincitive	Second Semester
504994 - OPTICAL COMMUNICATIONS	9	6	х	ING-INF/01	Distincitive	Second Semester

504996 - NONLINEAR OPTICS	6	7	Х	FIS/03	Related/ Supplementary	Second Semester	
504998 - DIGITAL COMMUNICATIONS	6	8	Х	ING-INF/03	Related/ Supplementary	Second Semester	
TOT. 60 CFU							

## **CURRICULUM 03 - SPACE COMMUNICATION AND SENSING**

Learning Activity		N°	compul sory	Sector	Type of learning activity	Period
504434 - ADVANCED MATHEMATICAL METHODS FOR ENGINEERS	9	1	х	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 PHY SICS	6	3 *		FIS/03	Related/ Supplementary	First Semester
504999 - ANTENNAS AND PROPAGATION	9	4	х	ING-INF/02	Distincitive	First Semester
504437 - MICROWAVES	9	5	Х	ING-INF/02	Distincitive	Second Semester
504994 - OPTICAL COMMUNICATIONS	9	6 *		ING-INF/01	Distincitive	Second Semester
504439 - RF MICROELECTRONICS	9	6 *		ING-INF/01	Distincitive	Second Semester
505001 - INVERSE SCATTERING TECHNIQUES AND DIAGNOSTIC	6	7 *		ING-INF/02	Distincitive	Second Semester
505000 - RADAR REMOTE SENSING	6	7 *		ING-INF/02	Distincitive	Second Semester
504998 - DIGITAL COMMUNICATIONS	6	8	х	ING-INF/03	Related/ Supplementary	Second Semester

\* 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 exam to fill position n° 7 "Distinctive"

No changes are normally admitted to the study plan, except in duly justified cases. If you want to differ from the standard study plan, your study plan will become individual (INSERT THE NEW EXAM IN THE COLOURED ROW AND DELETE THE TEACHING YOU WANT TO SUBSTITUTE). You then need a revenue stamp of Ö16 and the plan will have to be approved by the Teaching Committee.

APPROVED BY THE TEACHING COMMITTEE ON ..... WE DECLARE THAT THIS INDIVIDUAL PLAN IS IN COMPLIANCE WITH THE TEACHING REGULATIONS OF THIS STUDY COURSE IN RELATION TO THE YEAR THE STUDENT BELONGS TO (RAD FORM) SIGNATURE OF THE PRESIDENT OF THE COMMITTEE

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