

SCIENCES, INGÉNIERIE ET TECHNOLOGIES

MASTER ELECTRONIC SYSTEMS FOR EMBEDDED AND COMMUNICATING APPLICATIONS M1



Établissement
INP - ENSEEIHT



Établissements
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Présentation

Programme

M1 Electronic Systems for Embedded & Communicating Appli.		UE Social Science & Culture sem 8	6
Parcours Normal - M1 ESECA Semestre 7	30	Sport semestre D Projet Industriel Langues M1 ESECA Anglais 2EN semestre 8 LV2 M1 ESECA Conf. Aéro. Sem 8	
Parcours Standard sem 7 ESECA		UE Digital Electronics	6
UE Social Science & Culture sem 7	7	Projet Numérique Front-end acquisition	
French (FLE) M1 ESECA semestre 7		UE Optics & Telecoms	8
Conferences on aeroautics - sem 7		Optoelectronics Telecoms	4h
Communication Sport - M1 ESECA		Practical Hyper / Opto Laser and optical fiber sensing techniques	
UE Math. - M1 ESECA	6	UE RF	7
Maths Fourier Analysis		Antennas Passive RF Active RF circuits MEMS Hyper Frequency Project	
Maths - Complex variable - Vector analysis		UE Signal and Image	3
Maths Probability / Statistics		Signal processing Digital Sign.Proc. Image processing Signal & Image processing project	
Programming	4		
Basis of Programming / Matlab			
C programming			
Microprocessor			
UE Analog Electronics	8		
Circuits			
Project Analog Electronics			
Analog Electronics Pratical			
Semic-conductor devices			
Filtering			
Transmission lines			
UE Digital Electronics	5		
Digital electronics			
VHDL - M1 ESECA			
Parcours PIM sem 7 - M1 ESECA			
UE PIM Commun	26		
UE PIM N7	4		
Ligne de Transmission			
Circuits RF passifs et actifs			
Antennes			
Programmation C			
M1 ESECA Semestre 8	30		