


SCIENCES, INGÉNIERIE ET TECHNOLOGIES

# MASTER ELECTRONIC SYSTEMS FOR EMBEDDED AND COMMUNICATING APPLICATIONS M1

MASTER OF SCIENCE : ELECTRONIC SYSTEMS FOR EMBEDDED AND COMMUNICATING APPLICATIONS

 ECTS  
60 crédits

Présentation

Organisation

# Programme

	Nature	CM	TD	TP	Crédits
<b>M1 Electronic Systems for Embedded &amp; Communicating Appli.</b>	UE				
Parcours Normal - M1 ESECA Semestre 7	UE				30 crédits
Parcours Standard sem 7 ESECA	UE				
UE Social Science & Culture sem 7	UE				7 crédits
French (FLE) M1 ESECA semestre 7	UE				
Conferences on aeroautics - sem 7	UE				
Communication	UE				
Sport - M1 ESECA	UE				
Conferences on aeroautics - sem 7	UE				
Communication	UE				
EPS-2A-Sem.7	Matière				
FRANCAIS LANGUE ETRANGERE (FLE (PIM)	UE				5 crédits
Français Langue Etrangère (FLE (PIM)	Matière				
Français Langue Etrangère (FLE (PIM)	Matière				
UE Math. - M1 ESECA	UE				6 crédits
Maths Fourier Analysis	UE				
Maths - Complex variable - Vector analysis	UE				
Maths Probability / Statistics	UE				
Programming	UE				4 crédits
Basis of Programming / Matlab	UE				
C programming	UE				
Microprocessor	UE				
UE Analog Electronics	UE				8 crédits
Circuits	UE				
Project Analog Electronics	UE				
Analog Electronics Pratical	UE				
Semic-conductor devices	UE				
Filtering	UE				
Transmission lines	UE				
UE Digital Electronics	UE				5 crédits
Digital electronics	UE				
VHDL - M1 ESECA	UE				
Parcours PIM sem 7 - M1 ESECA	UE				
UE PIM Commun	UE				26 crédits
UE PIM N7	UE				4 crédits
Ligne de Transmission	UE				
Circuits RF passifs et actifs	UE				
Antennes	UE				
Programmation C	UE				
UE Social Science & Culture sem 7	UE				7 crédits
French (FLE) M1 ESECA semestre 7	UE				

Conferences on aeroautics - sem 7	UE	
Communication	UE	
Sport - M1 ESECA	UE	
Conferences on aeroautics - sem 7	UE	
Communication	UE	
EPS-2A-Sem.7	Matière	
FRANCAIS LANGUE ETRANGERE (FLE (PIM))	UE	5 crédits
Français Langue Etrangère (FLE (PIM))	Matière	
Français Langue Etrangère (FLE (PIM))	Matière	
UE Math. - M1 ESECA	UE	6 crédits
Maths Fourier Analysis	UE	
Maths - Complex variable - Vector analysis	UE	
Maths Probability / Statistics	UE	
Programming	UE	4 crédits
Basis of Programming / Matlab	UE	
C programming	UE	
Microprocessor	UE	
UE Analog Electronics	UE	8 crédits
Circuits	UE	
Project Analog Electronics	UE	
Analog Electronics Pratical	UE	
Semic-conductor devices	UE	
Filtering	UE	
Transmission lines	UE	
UE Digital Electronics	UE	5 crédits
Digital electronics	UE	
VHDL - M1 ESECA	UE	
M1 ESECA Semestre 8	UE	30 crédits
UE Social Science & Culture sem 8	UE	6 crédits
Sport semestre D	UE	
Projet Industriel	UE	
Langues M1 ESECA	UE	
Anglais 2EN semestre 8	UE	
LV2 M1 ESECA	UE	
Conf. Aéro. Sem 8	UE	
Conf. Aéro. Sem 8	UE	
Junior Research Project	UE	
Professional Communication and English-Sem.8	Matière	
FLE - S8	Matière	
EPS-2A-Sem.8	Matière	
UE Digital Electronics	UE	6 crédits
Projet Numérique	UE	
Front-end acquisition	UE	
Front-end acquisition	UE	
Digital Electronique Project	UE	
UE Optics & Telecoms	UE	8 crédits

Optoelectronics	UE	
Telecoms	UE	
Practical Hyper / Opto	UE	
Laser and optical fiber sensing techniques	UE	
Signal for Telecommunication	UE	
Space telecoms	UE	
UE RF	UE	7 crédits
Antennas	UE	
Passive RF	UE	
Active RF circuits	UE	
MEMS	UE	
Hyper Frequency Project	UE	
UE Signal and Image	UE	3 crédits
Signal processing	UE	
Digital Sign.Proc.	UE	
Image processing	UE	
Signal & Image processing project	UE	
Signal processing	UE	
Digital Sign.Proc.	UE	