

Semestre 9 - Systems Integration (INSYS)



ECTS
30 credits



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications

In brief

- **Code:** M8FQG5ZK
- **Open to exchange students:** Yes

List of courses

	Nature	CM	TD	TP	Crédits
ANALOG ELECTRONIC SYSTEMS IN RADIOFREQUENCIES	UE				5 credits
Optoelectronic Components and Circuits	Matière				
Filter Synthesis	Matière				
Integrated photonics	Matière				
Internet of Things	Matière				
DIGITAL SYSTEMS	UE				5 credits
Synthesis strategy	Matière				
EMC for integrated circuits	Matière				
System on Chip	Matière				
ANALOG AND DIGITAL SYSTEMS	UE				5 credits
ADC and DAC	Matière				
Space Embedded Systems Conferences	Matière				
Integration of instrumentation chains	Matière				
Reliability of embedded systems	Matière				
1st ELECTIVE TEACHING UNIT	UE				5 credits
ADVANCED DIGITAL ELECTRONICS	UE				5 credits
FPGA system design for signal processing	Matière				
Circuit testing and fault simulation	Matière				
ADVANCED ANALOG ELECTRONICS	UE				5 credits
Integration of instrumentation chains	Matière				
Analog ASIC project	Matière				
2nd ELECTIVE TEACHING UNIT	UE				5 credits
POWER MANAGEMENT	UE				5 credits
Microprocessor Power Supply	Matière				
MOSFET Driver Circuits	Matière				
EMC for SMPS	Matière				
FEM Modeling of Integrated passive filters	Matière				
ADVANCED RADIOFREQUENCY ELECTRONICS	UE				5 credits
RF equipment	Matière				
MMIC	Matière				
MEMS	Matière				
SOFT AND HUMAN SKILLS 3EA S9	UE				5 credits
Professional English-LV1 -Semestre 9	Bloc				
Anglais Scientifique	Matière				
Choix 2 Anglais Professionnel - 3A	Choix				
Anglais Clinique	Matière				
Anglais de Cambridge ou Projet	Matière				
CV Entretiens(3EA)	Matière				
Recherche doc.(3EA)	Matière				
CHOIX Careers and Management 3EA S9	Choix				
Entrepreneurship Project	Matière				
Corporate Project and Social Responsibility	Matière				

