

# Choix UE Parc. SysCom Parc. Impact Entrepreneurship



## Component

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

## In brief

> **Ametys Code:** M34HQQJL

## List of courses

	Nature	CM	TD	TP	Crédits
<b>ADVANCED RADIOFREQUENCY ELECTRONICS</b>	UE				5 credits
RF equipment	Matière				
MMIC	Matière				
MEMS	Matière				
<b>PROPAGATION PHENOMENA AND RADAR</b>	UE				5 credits
Actual propagation of electromagnetic waves	Matière				
Electromagnetic diffraction analysis / Radar equipment	Matière				
Radar project	Matière				
<b>APPLIED PHYSICS AND NUMERICAL METHODS</b>	UE				5 credits
Electromagnetism and multiscale devices	Matière				
Multiphysics Models	Matière				
Electromagnetism and nanoelectronics	Matière				
Synthesis of High Frequency Equivalent Electrical Circuits	Matière				
<b>HIGH FREQUENCY EMBEDDED SYSTEMS</b>	UE				5 credits
Microwave and Optical Sensors	Matière				
HF optoelectronic components and circuits	Matière				
Internet of Things	Matière				
Passive high frequency devices in waveguide technology	Matière				
<b>MICROWAVE CIRCUITS AND ELECTROMAGNETIC COMPATIBILITY</b>	UE				5 credits
Antenna networks	Matière				
Space antennas	Matière				
Aeronautical EMC 1	Matière				
Space Embedded Systems Conferences	Matière				
Microwave power amplifiers	Matière				
Aeronautical EMC 2	Matière				
<b>MODELING</b>	UE				5 credits
Variational methods for solving partial differential equations of physics	Matière				
Integral methods	Matière				
Plasma physics and applications	Matière				