

Semestre 9 - Communication Systems (SYSCOM)



ECTS
30 credits



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

In brief

- › **AmetyS Code:** M8FQJS02
- › **Open to exchange students:** Yes

List of courses

	Nature	CM	TD	TP	Crédits
APPLIED PHYSICS AND NUMERICAL METHODS	UE				5 credits
Electromagnetism and multiscale devices	Matière				
Multiphysics Models	Matière				
Electromagnetism and nanoelectronics	Matière				
Synthesis of High Frequency Equivalent Electrical Circuits	Matière				
HIGH FREQUENCY EMBEDDED SYSTEMS	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				
MICROWAVE CIRCUITS AND ELECTROMAGNETIC COMPATIBILITY	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				
PROPAGATION PHENOMENA AND RADAR	UE				5 credits
Actual propagation of electromagnetic waves	Matière				
Electromagnetic diffraction analysis / Radar equipment	Matière				
Radar project	Matière				
ELECTIVE TEACHING UNIT	Choix				5 credits
ADVANCED RADIOFREQUENCY ELECTRONICS	UE				5 credits
RF equipment	Matière				
MMIC	Matière				
MEMS	Matière				
MODELING	UE				5 credits
Variational methods for solving partial differential equations of physics	Matière				
Integral methods	Matière				
Plasma physics and applications	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				

