

Semestre 9 - Mastère Satellite Communication Systems



ECTS
45 credits



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

In brief

> **Code:** N9MSSEM

List of courses

	Nature	CM	TD	TP	Crédits
BASIC TECHNIQUES 1	UE				8,5 credits
Signal Processing for communications	UE				
Digital Communications	UE				
Networks and Telecommunication protocols	UE				
RF links	UE				
BASIC TECHNIQUES 2	UE				6,5 credits
Coding applied to satellite channel	UE				
Spread spectrum techniques	UE				
Digital filter banks	UE				
Digital Communication receivers and SDR technology	UE				
Space Techniques et applications 1	UE				11,5 credits
Introduction to satellite communication market and systems	UE				
Communication Satellites	UE				
Satellite Payloads, earth stations and terminals	UE				
Satellite system design project	UE				
Space technique & applications 2	UE				10,5 credits
Optical Satellite communications	UE				
Satellite based computer networks	UE				
Mobile et Multimedia satellite communications	UE				
Applications of Satcom	UE				
Project Management	UE				
Tutored project	UE				8 credits
Tutored project	UE				