

Semestre 9 - Mastère Satellite Communication Systems



ECTS
45 crédits



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



Période de
l'année
Automne

En bref

> **Code:** N9MSSEM

Liste des enseignements

| | Nature | CM | TD | TP | Crédits |
|--|--------|----|----|----|--------------|
| BASIC TECHNIQUES 1 | UE | | | | 8,5 crédits |
| Signal Processing for communications | UE | | | | |
| Digital Communications | UE | | | | |
| Networks and Telecommunication protocols | UE | | | | |
| RF links | UE | | | | |
| BASIC TECHNIQUES 2 | UE | | | | 6,5 crédits |
| 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 crédits |
| 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 crédits |
| Navigation et Localisation par Satellite | UE | | | | |
| 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 crédits |
| Tutored project | UE | | | | |