

Semestre 7 - Energy (NRJ)



ECTS
30 credits



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

In brief

- > **Code:** M8FQ73FU
- > **Open to exchange students:** Yes

List of courses

| | Nature | CM | TD | TP | Crédits |
|--|---------|----|----|----|-----------|
| COMPUTER SYSTEMS ARCHITECTURE AND DEVELOPMENT | UE | | | | 5 credits |
| Object-oriented design and programming | UE | | | | |
| Principles of Operating Systems | UE | | | | |
| Computer Architecture | UE | | | | |
| STATIC CONVERTER SYNTHESIS AND DESIGN | UE | | | | 5 credits |
| Energy approaches to the design of static converters | UE | | | | |
| Static Converter Design Project | UE | | | | |
| ELECTRICAL MACHINES | UE | | | | 5 credits |
| Electromagnetic modeling of machines | UE | | | | |
| ELECTRICAL NETWORKS | UE | | | | 5 credits |
| Energy of today and tomorrow | UE | | | | |
| Electrical energy technology | UE | | | | |
| Electrical energy transmission network | UE | | | | |
| Modulation and filtering of voltage inverters | UE | | | | |
| LINEAR SYSTEMS CONTROL | UE | | | | 5 credits |
| Identification | UE | | | | |
| Sampled systems | UE | | | | |
| Synthesis of correctors and control architectures | UE | | | | |
| Automatic Tutorials | UE | | | | |
| SOFT AND HUMAN SKILLS | UE | | | | 5 credits |
| Professional Communication and English -Lv1-Sem.7 | Matière | | | | |
| 2nd language | Bloc | | | | |
| Espagnol-S7 | Matière | | | | |
| Portugais-S7 | Matière | | | | |
| Chinois-S7 | Matière | | | | |
| Italien-S7 | Matière | | | | |
| Japonais-S7 | Matière | | | | |
| Russe-S7 | Matière | | | | |
| Allemand-S7 | Matière | | | | |
| FLE - S7 | Matière | | | | |
| LSF - S7 | Matière | | | | |
| Sports | Matière | | | | |
| Leadership & Management | Matière | | | | |