Electronique, énergie électrique, automatique

M1 - International track in electrical engineering

labelisation

Diplôme national de l'Enseignement Supérieur

- formation initiale
- formation continue

Durée : 1 an

Présentation

Consulter la page du Master 1 sur le site de l'Université Paris-Saclay

Télécharger le règlement des études 2022-2023.

Programme

Semestre 1

Bloc S1	30 ECTS
- Signal processing	5 ECTS
- Programming	5 ECTS
- Automatic control	5 ECTS
- Power and machine electronics	5 ECTS
- Computer networking	5 ECTS
- Digital communication	5 ECTS
- Electronics for transmission systems	5 ECTS
- Embedded systems	5 ECTS
- Computational methods	5 ECTS
- French for foreigners / soft skills	5 ECTS

Semestre 2

Bloc S2	30 ECTS
- Choix 4	
1 option(s) au choix parmi 15	
- Communication systems	5 ECTS
- Microwaves and antennas	5 ECTS
- Machne vision	5 ECTS
- French for foreigners / soft skills	5 ECTS
- Advanced automatic control	5 ECTS
- Image and signal processing	5 ECTS
- Information theory and source coding	5 ECTS
- Design of integrated circuits	5 ECTS
- Nanotechnology	5 ECTS
- Modeling of poly-articulated systems	5 ECTS
- Statical machine learning	5 ECTS
- Computer graphics	5 ECTS
- Advanced power and machine electronics	5 ECTS
- Materials and devices for electronics and optoelectronics	5 ECTS
- Mecatronic design	5 ECTS
- Choix 5	
1 option(s) au choix parmi 15	
- Communication systems	5 ECTS
- Microwaves and antennas	5 ECTS
- Machne vision	5 ECTS
- French for foreigners / soft skills	5 ECTS
- Advanced automatic control	5 ECTS
- Image and signal processing	5 ECTS
- Information theory and source coding	5 ECTS
- Design of integrated circuits	5 ECTS
- Nanotechnology	5 ECTS
- Modeling of poly-articulated systems	5 ECTS
- Statical machine learning	5 ECTS
- Computer graphics	5 ECTS
- Advanced power and machine electronics	5 ECTS
- Materials and devices for electronics and optoelectronics	5 ECTS
- Mecatronic design	5 ECTS
- Project	5 ECTS
- Choix 1	
1 option(s) au choix parmi 15	
- Communication systems	5 ECTS
- Microwaves and antennas	5 ECTS
- Machne vision	5 ECTS
- French for foreigners / soft skills	5 ECTS
- Advanced automatic control	5 ECTS
- Image and signal processing	5 ECTS
- Information theory and source coding	5 ECTS
- Design of integrated circuits	5 ECTS
- Nanotechnology	5 ECTS
- Modeling of poly-articulated systems	5 ECTS
- Statical machine learning	5 ECTS
- Computer graphics	5 ECTS
- Advanced power and machine electronics	5 ECTS
- Materials and devices for electronics and optoelectronics	5 ECTS
- Mecatronic design	5 ECTS
- Choix 2	
1 option(s) au choix parmi 15	
- Communication systems	5 ECTS
- Microwaves and antennas	5 ECTS
- Machne vision	5 ECTS
- French for foreigners / soft skills	5 ECTS
- Advanced automatic control	5 ECTS
- Image and signal processing	5 ECTS
- Information theory and source coding	5 ECTS
- Design of integrated circuits	5 ECTS
- Nanotechnology	5 ECTS
- Modeling of poly-articulated systems	5 ECTS
- Statical machine learning	5 ECTS
- Computer graphics	5 ECTS
- Advanced power and machine electronics	5 ECTS
- Materials and devices for electronics and optoelectronics	5 ECTS
- Mecatronic design	5 ECTS
- Choix 3	
1 option(s) au choix parmi 15	
- Communication systems	5 ECTS
- Microwaves and antennas	5 ECTS
- Machne vision	5 ECTS

- French for foreigners / soft skills	5 ECTS
- Advanced automatic control	5 ECTS
- Image and signal processing	5 ECTS
- Information theory and source coding	5 ECTS
- Design of integrated circuits	5 ECTS
- Nanotechnology	5 ECTS
- Modeling of poly-articulated systems	5 ECTS
- Statical machine learning	5 ECTS
- Computer graphics	5 ECTS
- Advanced power and machine electronics	5 ECTS
- Materials and devices for electronics and optoelectronics	5 ECTS
- Mecatronic design	5 ECTS

Contacts

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