3 GRADUATE PROGRAMMES OF EXCELLENCE IN LILLE

- **Science for a Changing Planet** (7 MA programmes)
- **Information & Knowledge Society** (10 MA programmes)
- **Precision Health** (1 MA programme)

- interdisciplinary training for research by doing research in a stimulating scientific environment
- specialised training for cooperation with the private sector
- international mobility
- international thematic summer schools

**CONTACT**

Coordinator of the Graduate Programme ‘Information & Knowledge society’:

✉ marc.lefranc@univ-lille.fr


**Lille, a vibrant city**

at the heart of Northern Europe

1.2 million inhabitants
110,000 students
28 museums

**10 SPECIALISED MASTER’S DEGREES IN LILLE, FRANCE**

**Science for a Changing Planet**

- (7 MA programmes)

**Information & Knowledge Society**

- (10 MA programmes)

**Precision Health**

- (1 MA programme)

**70 RESEARCH UNITS**

**150 NATIONALITIES**

**74,000 STUDENTS**

**2,100 PhD STUDENTS**

**3,750 ACADEMIC STAFF**

**190 COMMITTED ECONOMIC PARTNERS**

**1.2 million inhabitants**

**110,000 students**

**28 museums**

**2,100 PhD students**

**3,750 Academic Staff**

**190 Committed economic partners**

**Net-zero energy**

**Human-machine interface**

**Wearable devices**

**Complexity**

**Data mining**

**Virtual reality**

**Machine learning**

**Data mining**

**Hydrodynamics**

**Mind**

**Emotion**

**Digital humanities**

**Privacy**

**Deep tech**

- Friendly system
- Simulation
- Software
- Virtual reality
- Cognition

**Modeling**

- Data sciences
- Superfluidity
- Hardware

**Simulation**

- Deep tech
- Petabits
- Complexity

**Software**

- Big data
- Deep tech
- Simulation

**Hardware**

- Social network
- Internet
- Machine

**Data**

- Sciences
- Technologies
- Internet of things

**Disruptive technology**

- Optical interaction
- Communication
- Nano structures

**Augmented information**

- Social
- Mind
- Mind

**Emotion**

- Data
- Sciences

**Data mining**

- Complexity
- Nanomaterials

**Layer 3**

**Université Lille Nord-Europe**

**TRAINING FOR RESEARCH BY DOING RESEARCH FOR MASTER’S & PhD STUDENTS**
OUR CHALLENGES:

HUMANITIES for a friendly digital world
taming complexity with innovative CONCEPTUAL TOOLS
from disruptive concepts to FRIENDLY DEVICES (hard and soft)

10 MASTER’S DEGREES TO TAKE UP THESE CHALLENGES

A stimulating scientific environment within the ‘human-friendly digital’ hub:

13 LABORATORIES
709 PHD STUDENTS
612 PERMANENT RESEARCHERS
INTERNATIONAL ENVIRONMENT
638 PUBLICATIONS PER YEAR
CUTTING-EDGE EQUIPMENT FOR:
Optical fibre manufacturing, nanotechnologies, computing, robotics and intelligent transport, cognitive technologies, virtual reality

INDUSTRIAL PARTNERSHIPS:
Prysmian, Alcatel submarine networks, Nokia, Thalès, CEA, ST Microelectronics, Horiba, Total, Scalair, Vekia

CENTRAL LILLE