

3 GRADUATE PROGRAMMES OF EXCELLENCE IN LILLE

PRECISION HEALTH (1 MA programme)

SCIENCE FOR A CHANGING PLANET (7 MA programmes)

INFORMATION & KNOWLEDGE SOCIETY (10 MA programmes)

- **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**

WITHIN THE 14 ESTABLISHMENTS OF THE LILLE CONSORTIUM



CONTACTS

Coordinators of the Graduate Programme
'Science for a changing planet':

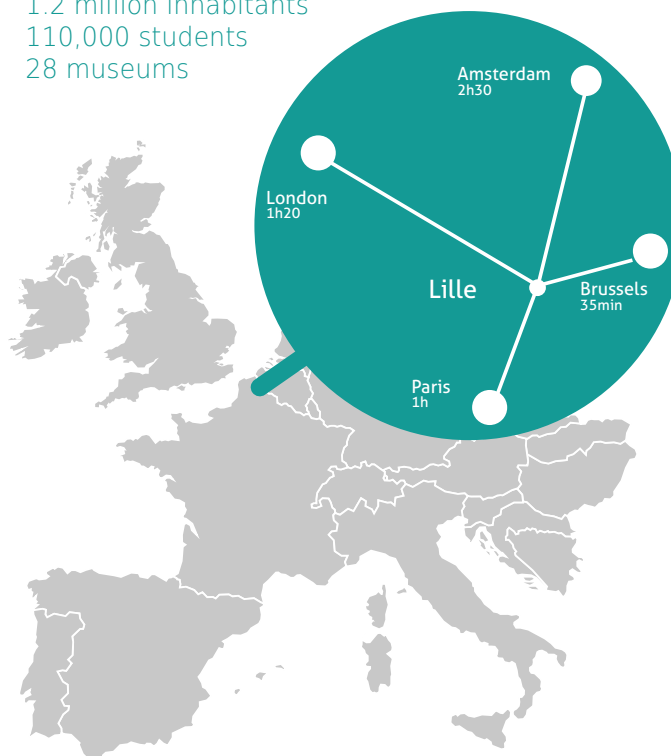
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More information:

<http://www.isite-ulne.fr/index.php/en/graduate-programme-science-for-a-changing-planet/>

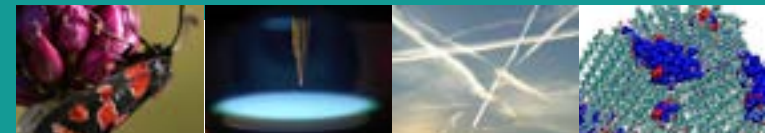
LILLE, A VIBRANT CITY AT THE HEART OF NORTHERN EUROPE

1.2 million inhabitants
110,000 students
28 museums



GRADUATE PROGRAMME

SCIENCE FOR A CHANGING PLANET



7 SPECIALISED MASTER'S DEGREES
IN LILLE, FRANCE

PALEONTOLOGY COMBUSTION
CIRCULAR ECONOMY RECYCLING Nuclear-based technologies
BIOREFINERIES Evolutionary biology CATALYSIS
Materials ENERGY ATMOSPHERE BIODIVERSITY Fire resistance
PALEOCLIMATOLOGY
RADIONUCLIDES Astrochemistry
Environment
Sustainability SPECTROSCOPY
Climate earth mantle AEROSOLS

TRAINING FOR RESEARCH BY DOING RESEARCH
FOR MASTER'S & PhD STUDENTS





OUR CHALLENGES:

understanding and monitoring GLOBAL CHANGES

seeking ALTERNATIVE solutions to the exploitation of fossil RESOURCES

evaluating the IMPACT on Earth, people and societies

→ 7 MASTER'S DEGREES TO TAKE UP THESE CHALLENGES



Advanced Spectroscopy & Chemistry (ASC)

Physical & Analytical Chemistry

Atmospheric Sciences (AS)

Physical & Analytical Chemistry

Matter, Molecule and their Environments (MME)

Applied and Fundamental Physics

Integrated Research for Advanced Chemistry and Materials (IRACM)

Chemistry

Biorefinery (BIOREF)

Chemistry

Paleontology - Paleoclimatology - Paleoenvironment (PALEO)

Earth, Planetary and Environmental Sciences

Evolutionary Biology (EVOBIO)

Biodiversity, Ecology, Evolution

	GLOBAL CHANGES	ALTERNATIVE RESOURCES	IMPACT
Advanced Spectroscopy & Chemistry (ASC) <i>Physical & Analytical Chemistry</i>	—	—	—
Atmospheric Sciences (AS) <i>Physical & Analytical Chemistry</i>	—	—	—
Matter, Molecule and their Environments (MME) <i>Applied and Fundamental Physics</i>	—		
Integrated Research for Advanced Chemistry and Materials (IRACM) <i>Chemistry</i>		—	
Biorefinery (BIOREF) <i>Chemistry</i>		—	—
Paleontology - Paleoclimatology - Paleoenvironment (PALEO) <i>Earth, Planetary and Environmental Sciences</i>	—		—
Evolutionary Biology (EVOBIO) <i>Biodiversity, Ecology, Evolution</i>	—		—



A stimulating scientific environment within the 'science for a changing planet' hub:



22 LABS



292 PHD STUDENTS



561 PERMANENT RESEARCHERS



INTERNATIONAL ENVIRONMENT



635 PUBLICATIONS PER YEAR



CUTTING-EDGE EQUIPMENTS

in physics, chemistry, biology, earth sciences, environmental sciences



JOINT LABS WITH COMPANIES:

LR4CU, UCCS-Orano, PUMA Framatome-
UCCS-UMET-PC2A, PYROCAT NeoEco-
Valorpast-UCCS-UMET, E2P2 UCCS-
SOLVAY

