

## COURSES TAUGHT IN ENGLISH AT LYON 1 CLAUDE BERNARD UNIVERSITY

### MASTER DEGREES IN SCIENCES

#### Master in Nanoscience and Nanotechnologies

- Nanoscale engineering (M1+M2) **L\*** **E\***

#### Master in Chemistry

- Synthesis, catalysis and sustainable chemistry (M2) **E\***

#### Master in Physics and Chemistry (Science de la matière)

- Sciences and innovation (M1+M2) **L\***

#### Master in Analytical and Physical Chemistry

- Physical and chemical analyses

#### Master in Mathematics and its Applications

- Advanced mathematics (M1+M2) **L\*** **E\***

#### Master in Applied Mathematics, Statistics

- Math in Action (Applied mathematics M1+M2) **E\***

#### Master in Acoustics **L\*** (English and French)

- Acoustics – International course

#### Master's in Earth Science, Planets and Environments **L\***

- Paleontology, sedimentology and paleoenvironments
- Earth and planets

#### Master in Biodiversity, Ecology and Evolution **L\***

- Bioassessment of ecosystems and biodiversity expertise **L\***  
(French 70% - 30% English)

#### Master in Physics

- Astrophysics
- Design, instrumental development, measurement
- Atomic, molecular physics, condensed matter and optical
- Subatomic physics
- Nuclear material synthesis, characterization and ageing

#### Master in Computing

- Image, development and 3D technology

#### Master in Ocean, Atmosphere and Climate Sciences

- Climate
- Air quality

#### Master in Electronics, Electrical Energy and Automatics

- Electronics and in-vehicle systems

### MASTER DEGREES IN HEALTH SCIENCES

#### Master in Biology

- Biosciences (M2 in English) **L\*** **E\***
- Biosciences and modelling of complex systems
- Biosciences and health

#### Master in Cancerology **L\*** (English and French)

- Cancer biology
- Innovative cancer treatment

#### Master in Drug Sciences

- Therapeutic targeting and epithelium (M1+M2) **E\***

#### Master in Molecular and Cell Biology

- Leading international vaccinology education (ERASMUS MUNDUS)
- Fundamental infectious diseases **L\***  
(conferences in English)
- Cell genetics and pathology
- Applied infectious diseases

#### Master in Health Engineering

- Clinical evaluation (M1+M2)

#### Master in Neurosciences

- Neurophysiology sensory perception and evaluation
- Fundamental and clinical neurosciences

#### Master in Integrative Biology and Physiology

- Muscle physiology and pathology

#### Master in Biotechnology – Pharmacology

- Medical biotechnologies
- Plant biotechnologies
- Development of active molecules  
(degree at USTH, Vietnam)

(**E\***) degree entirely in English

(**L\***) Index Certified Master's programs:

<https://www.universite-lyon.fr/education/indexlyon-certified-master-s-programs/>

## UNDERGRADUATE LEVEL

### **Bachelor in Physics**

- Matter Sciences

### **Professional Bachelor in International trade**

- International sales and purchasing [E\\*](#)

### **Professional Bachelor in Synthetic chemistry**

- Organic synthesis – International course

### **Professional Bachelor in Maintenance and technology: Multi-technical systems**

- Maintenance and engineering of water pumping systems

### **Professional Bachelor in Livestock breeding**

- Technology : physiology and physiopathology fields

(\*) Courses are entirely or partially taught in English

## UNIVERSITY DIPLOMAS

### **University Diploma in Sciences and technologies**

- Marketing and management in an international context [E\\*](#)

### **University Diploma in Health**

- Medical English

*More information on courses:*

<http://offre-de-formations.univ-lyon1.fr/formations-anglais.html>

*Lyon 1 website in English:*

<https://www.univ-lyon1.fr/en/>

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