TAUGHT IN ENGLISH

CATALOGUE FORMATIONS EN ANGLAIS

UNIVERSITÉ DE LILLE

Université de Lille

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LIST OF BACHELOR'S DEGREES:

BACHELOR'S DEGREE

Université de Lille

International studies in Economics and Management
3 YEARS – 180 ECTS

ECONOMICS AND BUSINESS

Field of study
Economics, Business Administration

Department
Faculty of Economics, Social Sciences and Geography

Academic cooperation
Exchange students accepted with limited number of slots

Admissions Requirements
Students with a background in Mathematics, a large general culture and good writing skills

English Proficiency
English B2 level is expected

French Proficiency
French B2 level is expected

Objectives
The International Studies in Economics and Management bachelor's degree is a full three-year study programme. It is bilingual French/English with 60% of courses taught in English on average, to reach 90% during the 3rd year.

Students will acquire in-depth knowledge in Economics and Business Administration, with a special focus on international economic integration and globalization, within a collaborative learning environment and a small group of students. To broaden the international experience of the programme, students are required to study abroad during the second semester of their third year in one of our partner universities in Europe (Erasmus+) and outside Europe. Such

international emphasis makes this bachelor's programme an ideal environment to develop skills that are essential for a successful international carrier.

This programme is a selective programme with a limited number of slots (35).

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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BACHELOR'S DEGREE (L2)

Université de Lille

Management et Gestion à l'International - MGI
1 YEAR – 60 ECTS

ECONOMICS AND MANAGEMENT

Field of study
Economics, Management

Department
IAE-University School of Management

Academic cooperation
Exchange students accepted

Admissions Requirements
The initial L2 programme is open to all students who have validated at least a first Bachelor year. Eligibility on file, admission on interview. Compulsory registration via the 'Espace Candidats' on the website. 100 % English courses

English Proficiency
Level B2

French Proficiency
Basic knowledge is recommended but not mandatory, for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The 2nd year bachelor's in management is an English-speaking training programme, in which students will acquire:

- First operational and technical skills in management and business
- Scientific knowledge
- Improve their business English and practice foreign languages.

This course allows students to position themselves at the end of their year regarding their future orientation in the field of management sciences.
The L2 allows students, once their year has been validated, to integrate the L3 and LP courses offered by IAE Lille.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Nadia STEILS

E-mail: l2-mgi@iaelille.fr

Website: https://iaelille.fr/formations/licence-2-management-et-gestion-a-linternational/

BACHELOR'S DEGREE (L3)

International Management option Retail
1 YEAR – 60 ECTS

ECONOMICS AND MANAGEMENT

Field of study
Economics, Management

Department
IAE - University School of Management

Academic cooperation
Exchange students accepted

Admissions Requirements
The initial L3 programme is open to all students who have validated at least 120 ECTS. Eligibility on file, admission on interview.
Compulsory registration via the 'Espace Candidats' on the website.
100 % English courses.

English Proficiency
Level C1

French Proficiency
Basic knowledge is recommended but not mandatory, for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The 3rd year bachelor's in international management (IF) is an English-speaking training programme. First semester abroad. Our programme is designed for students willing to get an MBA.

Retail Research and Retail Communications are designed to help students to develop an understanding of the elements of retail strategy, the details of marketing tactics and the general principles of retail marketing in today's rapidly evolving technological and diversified world.

The retail curriculum will provide students with the critical analysis and decision-making skills required of retail marketers today. Students will learn state-of-the-art digital marketing and research tools and grow their literacy in analytics, social media, advertising and consumer behaviour.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Ahmed BENMECHEDDAL– Ingrid EROUART

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Website: https://iaelille.fr/formations/licence-3-international-management-option-retail/

BACHELOR'S DEGREE (L3)

Université de Lille

International Management option International Finance
1 YEAR – 60 ECTS

ECONOMICS AND MANAGEMENT

Field of study
Economics, Management

Department
IAE - University School of Management

Academic cooperation
Exchange students accepted

Admissions Requirements
The initial L3 programme is open to all students who have validated at least 120 ECTS. Eligibility on file, admission on interview.
Compulsory registration via the 'Espace Candidats' on the website. 100 % English courses.

English Proficiency
Level B2

French Proficiency
Basic knowledge is recommended but not mandatory, for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The 3rd year bachelor's in international management (IF) is an English-speaking training programme, in which students will acquire:
- Operational and technical skills in finance and business
- 2nd semester abroad
- Improve their business English and practice foreign languages

This programme allows students to prepare for graduate education in the field of management sciences and finance.

The L3 allows students, once their year has been validated, to integrate the Masters courses offered by IAE Lille.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Gael IMAD'EDDINE / Brandon OUBEDAS

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Website: https://iaelille.fr/formations/licence-3-international-management-option-financial/

BACHELOR'S DEGREE

Université de Lille

Life Sciences (bilingual English and French)
3 YEARS – 180 ECTS

SCIENCE, TECHNOLOGY, HEALTH

Field of study
Biology, Life Sciences

Department
Biology

Academic cooperation
Exchange students accepted

Admissions Requirements
The Bachelor of Life Sciences is a demanding programme that requires a good level of science (minimum of 12/20 overall average for the disciplines of Mathematics, Physics-Chemistry and Biology in the last two years of high school)

English Proficiency
B2 level in English is requested to follow the courses

French Proficiency
C1 level in French is requested to follow the courses

Objectives
The Bachelor of Life Sciences (Bac +3) is a degree offering a complete and multidisciplinary training in Biology.
It takes place over 3 years and provides a general education allowing students to specialize progressively by offering training courses starting in semester 4.

It is the only Life Sciences degree in the Hauts-de-France region to offer two specialization courses:
- Cell Biology and Physiology (BCP)
- Biology of organisms and populations (BOP)

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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Website: https://licence-bilingue-sv.univ-lille.fr/

LIST OF MASTER'S DEGREES:

MASTER'S DEGREE

Université de Lille

The Graduate Program Connective Tissue Diseases
2 YEARS - 120 ECTS
SCIENCE, TECHNOLOGY, HEALTH

Field of study
Health - Medecine

Faculty
Lille University School of medicine

Academic cooperation
The Master Heath CTD is provided thanks to an academic cooperation with the learned society EULAR and the reference centres FAI^{2}R and CeRAINO.
The University of Lille is currently collaborating with its European partners to create a joint degree.

Admissions Requirements
The graduate programme 'Connective Tissue Diseases' is intended for French or international medical students, primarily to residents and practicing doctors graduated or completing a degree in the following disciplines: internal medicine, rheumatology, clinical immunology.

To be eligible, applicants must have completed a University graduate degree in medicine, either in France or abroad (5 or 6 years).
Other applicants shall in the first place ensure their profile is relevant with the details of the training programme.

Applications must include a cover letter as well as a reference letter. Admission into the training course will be evaluated by the co-directors of the programme, potentially following a preliminary interview.
The enrolment capacity will be limited to fifteen students.

Application campaign – Year one:
From May 11 to June 30, 2021 on lien e-candidat: https://ecandidat.univ-lille.fr
International students: complementary procedure to be sent via e-mail to

admin-master-ctd@univ-lille.fr

Application campaign – Year two:
Closed for 2021-2022

English Proficiency

A validated B2 level (CECR) is mandatory.

French Proficiency

Basic knowledge is recommended but not mandatory, for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The graduate programme 'Connective Tissue Diseases' is intended for French or international medical students, primarily to residents and practicing doctors graduated or completing a degree in the following disciplines: internal medicine, rheumatology, clinical immunology. The programme can of course be of interest to residents or doctors engaged in other fields of medicine.

The graduate programme 'Connective Tissue Diseases' (CTD) will provide its participants with a high-class complementary qualification in the specific field of connective tissue diseases, thus allowing to cover the needs of the reference and expertise centres in autoimmune and rare systemic diseases.
The programme leads to a Master degree in Health – Connective Tissue Diseases.

Skills to be covered:
By completion of the training course, graduates will be able to:
- Ensure a patient's management and care in this specific disciplinary field
- Contribute to and participate in the implementation of a clinical research project
- Coordinate clinical and scientific subspecialised activities and contribute to the training of collaborators (multidisciplinary care and research staff)
- Contribute to care, research, training and coordination activities in a clinical and scientific environment characterised by interculturality
- Develop a personal career plan

Career prospects / continuation of training:
Graduates of this international graduate programme will be able to put forth a high-class theoretical, practical and applied training in the field of connective tissue diseases.

The main job positions targeted are project leader or coordinator of a local, national or European network on connective tissue diseases, manager for the organisation of care for patients suffering from connective tissue diseases within hospitals units, coordinator of health networks focused on connective tissue diseases, training manager within a training centre, research fellow in a research institute or health organisation.
The graduate programme also allows access to a doctoral course (3rd cycle thesis) to those aiming for scientific and/or academic positions.

Organisation of the training course:
The graduate programme grants 120 ECTS and the training is delivered online, with on-site presence required for seminars only. The fourth and final semester consists in a clinical immersion clerkship, coupled with the redaction of a thesis and the defence of a clinical research project presented as an article ready for submission.

The training is provided in the frame of partnerships with the scholarly organisation 'European League Against Rheumatism (EULAR)', the health sector on rare autoimmune and autoinflammatory diseases (FAI2R, 'filière de Santé des Maladies Auto-Immunes et Auto- Inflammatoires Rare'), and the reference centre on rare autoimmune systemic diseases for the North of the Northwest of France (CeRAINO, 'Centre de Référence des Maladies Auto-Immunes Systémiques Rares du Nord et Nord-Ouest'). The clerkship is carried out in a hospital department which is accredited by the European Union for its expertise in rare systemic diseases (Health Care Provider of the ReCONNET network).

The majority of the courses will be delivered in English, making the graduate programme well accessible to international students.
French-speaking students will be offered training in scientific English.
In order to reinforce the knowledge of the French language and culture, French language courses are also planned. In particular, they will promote the integration of international students into a wider scientific environment.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

E-mail: admin-master-ctd@univ-lille.fr

Website: https://master-health-ctd.univ-lille.fr/en/

MASTER'S DEGREE

Université de Lille

European Master of Medical technology and Health business - EMMAH

2 YEARS - 120 ECTS

SCIENCE, TECHNOLOGY, HEALTH

Field of study

Health engineering

Faculty

Lille Institute of health Engineering - ILIS

Academic cooperation

This master is operating in partnership with the Hamburg University of Applied Sciences (HAW Hamburg) and Institute Politécnico do Porto (IPP). International and European students are accepted.

Admissions Requirements

Three years of higher education - at least – related to engineering, biology, health sciences, etc.

English Proficiency

A good command of English is required. This program is entirely in English.

French Proficiency

Basic knowledge is recommended but not mandatory, for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The EMMAH master program is a two-years unique program in English within three universities of applied sciences in three European countries, in order to develop expertise in the field of medical technologies and healthcare business: at the University of Applied Sciences in Hamburg, at the Instituto Polytecnico do Porto, at the University of Lille (ILIS).

For two years, our students acquire competences in engineering and research based on practice, which allow them to take part to the development and improvement of healthcare technical and organizational solutions.

EMMAH program puts the importance on:
- The specialization of students in technological, clinical and management fields
- The ability of adaptation of students in a multicultural and globalized socio-economic environment
- The interprofessional collaboration

The international master EMMAH increases the employability on a large scale of occupations and responsibilities in the health sector: Product manager, Consultant, Application engineer, Business engineer
Technical sales engineer for the drug and biomedical equipment industry, Health research and development, Development and technical management of health products.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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MASTER'S DEGREE

Atmospheric Sciences - AS
2 YEARS - 120 ECTS
SCIENCE, TECHNOLOGY, HEALTH

Field of study
Chemistry

Department
Chemistry

Academic cooperation
This master programme is part of the Graduate Programme "Science for a Changing Planet".

Franco-Ukrainian dual diploma in Chemistry, physics & analytics with Kharkiv National University (Ukraine).
Franco-Chinese dual diploma in Chemistry, physics & analytics with the Harbin Institute of Technology (China).

Admissions Requirements
Bachelor of Science in chemistry, or equivalent education in the field of chemistry, biochemistry, physical chemistry or physics. Relevant theoretical knowledge in chemistry or related professional experience.

English Proficiency
Good English skills (minimum score for Toefl paper test 550 ; IELST: 6.5; CEF Europass: B2).

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
This two-year program is designed to provide candidates with a strong background in the following areas:

- Physical and chemical properties of the atmosphere from the molecular to the global scale
- Analytical sciences applied to air quality monitoring
- Recent research activities on air pollution and climate change

MSc. AS graduates:
- have strong experimental skills in spectroscopic techniques, analytical chemistry, trace species detection, remote sensing, atmospheric monitoring, dispersion modelling...
- have professional experience through a research internship in research laboratories (2 months internship in M1 and 5 months in M2).

The Master's program is based on the research activities of seven research laboratories and is supported by the Labex "Chemical and Physical Properties of the Atmosphere" (CaPPA). Teachers, specialists in atmospheric sciences and analytical chemistry, are involved in research projects directly related to the chemical and physical properties of the atmosphere. A visit of each laboratory involved in the Labex CaPPA is organized, in order to help the students to identify the research topic in which they wish to specialize. All courses are taught in English.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Cédric LION (M1), Marie CHOËL (M2)

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Website: http://www.labex-cappa.fr/master-atmospheric-sciences

MASTER'S DEGREE

Université de Lille

Integrated Research for Advanced Chemistry and Materials - IRACM

2 YEARS - 120 ECTS

SCIENCE, TECHNOLOGY, HEALTH

Field of study
Chemistry

Department
Chemistry

Academic cooperation
This master programme is part of the Graduate Programme "Science for a Changing Planet".
M2 is in co-accreditation with the graduate engineering school Centrale Lille.

Admissions Requirements
Bachelor in the field of chemistry or related subjects and have a strong interest to acquire and develop skills in Research related to Chemistry

English Proficiency
Have a solid background in English

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
IRACM provides an advanced 2-year programme dealing with chemistry fields representative of research interests in 7 laboratories of Lille University. Indeed, the main objective of IRACM is to obtain a better orientation into funded 3-years PhD programs (about 1700 €/month, in general) those laboratories.

The novelty relies on the pedagogical approach: apart from classical classes (organic, inorganic, spectroscopy...etc), the student will be gradually immerged in our laboratories. During S1 to S4, students will have « integrated research

classes » with a special focus on Smart Functional Materials, Colloidal Dispersions in Nanomedicine, Advanced Catalytic Processes and Visualization of Chemical Reactivity. Furthermore, the student's autonomy and initiative will be encouraged through MOOC classes, pluridisciplanary or industrial projects (S2) and Laboratory Projects I and II (S3 and S4). Finally, high-level classes and seminars will be given by worldwide experts, introducing subjects like Artificial Intelligence for Chemistry and other 21st-century hot topics.
100% of courses in English

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Stéphane ALOÏSE

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Website: https://www.univ-lille.fr/formations/fr-

MASTER'S DEGREE (M2)

Science Computing
1 YEAR - 60 ECTS
SCIENCE, TECHNOLOGY, HEALTH

Field of study
Computer Science, Mathematics

Faculty
Faculty of Science and Technology

Academic cooperation
This master programme is a member of the Graduate Programme "Information and Knowledge Society".

Admissions Requirements
A first year of master's degree (Computer Science, Mathematics, Mechanics, Physics, ...) is required to apply. A validation of studies or professional experience is necessary for students wishing to apply but not having the required qualifications.

English Proficiency
A good command of English is required. A B2 level of the Common European Framework of reference is recommended. Proof of proficiency must be provided (TOEFL, TOEIC,...).

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The Scientific Computing specialization (2nd year of the master Mathematics and application) offers a high-level training in high performance computing for numerical simulations. The major asset of this training is its multi-disciplinary nature. The students succeed in mastering the whole process of numerical

simulation: from an abstract model to an in silico simulation that makes the best use of available computing resources. This makes them valuable and rare recruits both in the private market and in research laboratories.

The training provides:
- know-how in mathematical modelling of physical phenomena.
- a mastery of universal mathematical and computer tools: optimization, signal processing, programming.
- an expertise in simulation of the physic's equations (partial differential equations): efficient numerical schemes and methods.
- an expertise in programming languages and supercomputing: parallel computing, accelerator (GPU) programming, distributed computing.

This master degree offers a strong interaction between fundamental courses and practical modules, extended by numerous supervised projects concretely implementing the acquired knowledge. For their specialization, the students have powerful computing resources to carry out their projects (the hybrid cluster from the DSI computing center of University of Lille as well as access to the Grid'5000 nation-wide computational grid)

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Caterina CALGARO / Thomas REY / Nouredine MELAB

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Web site: https://sciences-technologies.univ-lille.fr/mathematiques/formation/masters-degree-programs-in-english

MASTER'S DEGREE

Data Sciences
2 YEARS - 120 ECTS
SCIENCE, TECHNOLOGY, HEALTH

Field of study
Computer Science, Mathematics, Electrical engineering

Faculty
Faculty of Science and Technology

Academic cooperation
This master programme is a member of the Graduate Programme "Information and Knowledge Society".

Admissions Requirements
Bachelor's degree in computer science, mathematics, electrical engineering, engineering schools.

English Proficiency
B2 level of the Common European Framework of Reference

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
This master program provides a high level theoretical and practical 2 years curriculum in the new and trendy domain of data science. It includes an ensemble of courses, lab sessions, research projects and internships.

The master of Data science will give you solid foundations in Mathematics (statistics, probability, optimization), computer science (algorithms, complexity, databases) as a basis for a very high knowledge on machine learning and applications (signal and image processing, graphs & networks...).
Students will spend several months on internships every year. Internships will take place in R&D departments or in academic research labs. They are part of

this 2 years program.

Targeted skill:
- High level of knowledge and know-how in data science and artificial intelligence, with a very good culture of machine learning, and mathematical foundations (optimization, probability, statistics) and computer science (efficient implementation of algorithms);
- Aptitude for research and / or development activities in the laboratory or in industry;
- Design and implementation of data science methods.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Pierre CHAINAIS (Head of the master) / Magdalena BAIDAN (Admin. assistant)

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Website: https://www.fil.univ-lille1.fr/portail/index.php?dipl=MDS&label=Pr%C3%A9sentation

OR https://www.univ-lille.fr/formations/fr-00020709.html

MASTER'S DEGREE (M2)

Mathematics – Research Track
1 YEAR - 60 ECTS
SCIENCE, TECHNOLOGY, HEALTH

Field of study
Mathematics

Faculty
Faculty of Science and Technology

Academic cooperation
This master programme is a member of the Graduate Programme "Information and Knowledge Society".
Franco-Senegalese dual diploma in Mathematics with Cheikh Anta Diop University (Senegal).

Admissions Requirements
Master 1 in mathematics or applied mathematics

English Proficiency
A Basic knowledge is recommended. The students should be able to read mathematics in English. They will be trained to give a scientific talk in English. (This is one of the requirements of the « seminar » during semester 3).

French Proficiency
Basic knowledge is recommended for an easier integration in France. Up to now, almost all courses of this program have been taught in French but students can request the courses to be taught in English.
French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The Master program offers a high level formation in pure and applied math, including algebra, analysis, numerical analysis, partial differential equations, geometry, probability and statistics.

The first year of the Master (taught in French) gives the students a strong

background in many areas of mathematics whereas in the second year, the Research track of the Master (that can be taught in French or in English according to the attendance) is dedicated to more advanced courses that are directly in connexion with the present-day research in mathematics. In particular, a large choice of courses in the last trimester will give you a direct contact with actual research themes.

If after your Master study, you intend to apply for a PhD in Mathematics or applied Mathematics, the choice of the Research track of the Master in mathematics is certainly the more natural choice.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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MASTER'S DEGREE

Emergent Technologies
2 YEARS - 120 ECTS
SCIENCE, TECHNOLOGY, BIODIVERSITY

Field of study
Nanoscience and Nanotechnologies

Department
Faculty of Science and Technology

Academic cooperation
This master programme is a member of the Graduate Programme "Information and Knowledge Society".

Admissions Requirements
Bachelor degree or equivalent in Electrical Engineering or Physics. To apply to the M2, students must have completed the first year of a master program.

English Proficiency
Good English skills (minimum score for Toefl paper test 550; IELST: 6.5; CEF Europass: B2).

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The Nanoscience and Nanotechnologies - Emergent Technologies (NN-ETECH) international master programme is committed to prepare the future engineers that will drive the technological innovation need to tackle some the present and future societal challenges (5G, 6G telecommunications, health, sustainable development, energy, transport, etc.).

This 2-year training (120ECTS), in English, and supported by the Excellence Initiative Isite-Graduate Programme and the Institute of Electronics,

Microelectronics and Nanotechnology (IEMN, https://www.iemn.fr), one of the largest research centre in Lille University. With more than 50 years of experience in microwave and more than 30 years in nanotechnologies, it is an important support for training, thanks to its world-class know-how and platforms (1600m2 clean room, characterization centre, etc.).
After completing the master, the students are expected to pursuit a doctorate in an academic research laboratory or to integrate research & development laboratories of large groups in microelectronics, SMEs. The creation of start-ups in the field of technologies as well as international careers are also encouraged, thanks to training.
Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Emiliano PALLECCHI (M1) / Sylvain BOLLAERT (M2) / Davy GAILLOT (Mention)

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Website: https://master-electronique.univ-lille.fr/master-nanosciences-et-nanotechnologies

MASTER'S DEGREE

Université de Lille

Evolutionary Biology

2 YEARS - 120 ECTS

SCIENCE, TECHNOLOGY, BIODIVERSITY

Field of study

Biology

Department

Faculty of Science and Technology

Academic cooperation

This master programme is part of the Graduate Programme "Science for a Changing Planet".

Admissions Requirements

Candidates shall hold a BSc (Licence) in Population Biology or equivalent, relevant theoretical knowledge and practical experience (previous academic program, skills acquired, academic level, internship ...), motivation to study in a multicultural environment (international mobility...).

English Proficiency

Good English skills (minimum score for Toefl paper test 550; IELST: 6.5; CEF Europass: B2).

French Proficiency

Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The Master Evolutionary Biology (EvoBio) is an international master's programme taught in English and including a mobility in foreign universities.
The objective is to provide students with high-level knowledge and skills in Evolutionary Biology in order to potentially continue towards Doctoral studies.

Students will:

- be expert in Evolutionary Biology and notably in population genomics,

evolutionary genomics, statistics and modelling;
- have a good understanding of ecological concepts, bioinformatic tools and NGS data management;
- be well prepared to start a PhD thesis;
- develop high skills in project management, intercultural communication, and be fluent in English

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Celine POUX

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Website: https://eep.univ-lille.fr/enseignements-3/evobio/

MASTER'S DEGREE

Life Science and Technology
2 YEARS - 120 ECTS
SCIENCE, TECHNOLOGY, HEALTH

Field of study
Biology, Physics, Chemistry, Informatics, Mathematics

Department
Faculty of Science and Technology

Academic cooperation
This master programme is a member of the Graduate Programme "Information and Knowledge Society".

Admissions Requirements
Bachelor degree in biology, physics, chemistry, informatics, computer science, mathematics, electrical engineering, engineering schools. A solid background in science with a multidisciplinary research project in technologies for health and precision medicine is recommended.

English Proficiency
Good English skills (minimum score for Toefl paper test 550; IELST: 6.5; CEF Europass: B2).

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
By focusing on innovative and breakthrough biomedical technologies for real-time diagnosis, prognosis and precision medicine, the program for this master's degree Life sciences and technologies responds to the important training challenges that accompany the unprecedented development of engineering for health.

Through a highly interdisciplinary training program based on the observation,

handling and quantification of living systems in biology and health, this master aims to:
- Provide extensive knowledge, both theoretical and practical, in the field of life sciences, biophotonics, systems biology and microsystems
- Train in advanced technologies during academic training but also during internships thanks to research platforms and laboratories.

The training is:
- Organized around interdisciplinary research projects. These projects combine personal work and team work made up of students from different backgrounds (physicists, biologists, chemists, mathematicians, computer scientists, electrical engineering).
- Led by highly qualified researchers, clinicians and experts in all the disciplines mentioned above and from universities, research institutes, hospitals and companies.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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Website: https://www.univ-lille.fr/formations/fr-00002083.html

MASTER'S DEGREE

Université de Lille

Omics and Systems Biology

2 YEARS - 120 ECTS

SCIENCE, TECHNOLOGY, HEALTH

Field of study

Biology

Department

Faculty of Science and Technology

Academic cooperation

This master programme is a member of the Graduate Programme "Precision Health" and soon an Erasmus + with the Master of Systems biology from Maastricht University.

Admissions Requirements

Bachelor degree or equivalent in Biology, biochemistry or chemistry. To apply to the M2 students must have completed the first year of a master program.

English Proficiency

Good English skills (minimum scores for Toefl paper test 550; IELST:6.5; CEF Europass: B2)

French Proficiency

Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The Omics & Systems Biology (OBS) track of the Master in Bioinformatics is multidisciplinary for an integrative approach of the functions of living organisms by Omics with complementary skills in Big Data and AI analysis.
The complexity of biological processes requires an integrated and multidisciplinary approach that can be studied by complementary techniques (genomics, transcriptomics, epigenetics, proteomics, metabolomics...) and their integration with bioinformatics and artificial intelligence (AI) tools.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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Website: https://www.univ-lille.fr/formations/fr-00002117/

MASTER'S DEGREE (M1)

Physics of the 21st century
1 YEAR - 60 ECTS
SCIENCE, TECHNOLOGY

Field of study
Physics

Department
Faculty of Science and Technology

Academic cooperation
This M1 is a member of the Graduate Programme "Information and Knowledge Society" and the Graduate Programme "Science for a Changing Planet".

Admissions Requirements
Bachelor of Science and Technology (Licence, i.e. 180 ECTS) or an equivalent Diploma in Physics, Applied Physics or Physical Chemistry or Chemical Physics.

English Proficiency
Good English skills (minimum score for Toefl paper test 550; IELST: 6.5; CEF Europass: B2).

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
English-speaking students follow our first-year training in physics, Physics for the 21st Century. This program is part of Lille Graduate Programs and is offered to all students. Courses, both practical and theoretical, are taught in English and offer a solid background in general physics, with openings towards our second-year programs, Optics, Lasers and Complex Systems (SCOL), and Matter, Molecules and their Environment (MME).
The Physics for the 21st Century program offers fundamental physics courses, along with practical and hands-on activities, along with a 6 to 8 months internship in Lille, in France, or abroad.

Students can benefit from scholarship and/or a relocation scholarship for financial support from the Graduate Programs. Please consult the pages for the programs on Science for a changing planet and Information and Knowledge Society for further details and links to the application procedures.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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MASTER'S DEGREE (M2)

Applied and fundamental physics
1 YEAR - 60 ECTS
SCIENCE, TECHNOLOGY

Field of study
Physics

Department
Faculty of Science and Technology

Academic cooperation
This master programme is a member of the Graduate Programme "Information and Knowledge Society".

Admissions Requirements
First year of an Applied and Fundamental Physics Master.

English Proficiency
Good English skills (minimum score for Toefl paper test 550; IELST: 6.5; CEF Europass: B2).

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The cursus Complex System, Optics, Lasers (SCOL) trains top manager and researcher (Master level) in the field of physics with a focus on optics and its applications in the field of lasers, telecoms, atmospheric sciences, or complex systems studies. Open to Master1 in Physics students (or equivalent), this cursus provides students with a high-level theoretical and experimental scientific training, linked with the current issues and challenges of research and development. Emphasis is placed on the ability to analyze a scientific problem, to model and analyze it, either theoretically, numerically or experimentally.

Three options are opened to english-speaking students:

- Complex System Dynamics (research)
- Atmospheric Sciences and Spectroscopy (research)
- Deep Tech Photonics (research)

giving the students the opportunity to direct themselves either towards an engineering career or research career. Depending on the chosen option, the academic training is completed by an internship either in a research lab or in a company specialised in optics or laser.

A 2 years master programme is offered to international students under the following path:
First and second semesters in the ""Physics of the 21st century"" first year of Master in Applied and fundamental physics. Students will gain fundamental knowledges such as: advanced optics, mechanical and electromagnetic properties of the matter, solid state physics, advanced quantum mechanics, advanced spectroscopy, molecular and atomic physics & quantum information.

3rd semester and 4th semester correspond to this master specialization “Complex Systems, Optics, Lasers (SCOL)"", with dedicated courses to one of the chosen options. In addition, transferable skills (internship, bibliographical research, scientific communication, project management). 4th semester is dedicated to the Master thesis (30 credits) in a research Laboratory or Industry.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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Website: https://master-physique.univ-lille.fr/en/second-year

MASTER'S DEGREE (M2)

Université de Lille

Matter, Molecules and their Environments - MME

1 YEAR - 60 ECTS

SCIENCE, TECHNOLOGY

Field of study

Physics

Department

Faculty of Science and Technology

Academic cooperation

This master programme is part of the Graduate Programme "Science for a Changing Planet".

Admissions Requirements

Master 1 in Physics for the 21st Century.

English Proficiency

Good English skills (minimum score for Toefl paper test 550; IELST: 6.5; CEF Europass: B2).

French Proficiency

Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The specialization "Matter, Molecules and their Environments" of the master "Applied and Fundamental Physics" offers an advanced education in the field of condensed or diluted matter physics, atmospheric physics and molecular modelling depending on the option the student choose. It is organized with 4 options:

- Condensed Matter, CM (materials sciences applications, including an optional course "Pharmaceutical Materials")
- Dilute Matter and Spectroscopy, DMS
- Atmospheric Sciences, AS
- Modelling at the Molecular and Atomic Scales, MoMAS

Students will become experts in one of the fields covered by the master's courses with a common background on characterization methods from the micro to the nanoscale (diffraction methods, optical and mass spectroscopies, electron microscopy) and theoretical basis. They will be prepared for doctoral studies as well as R&D careers in industry or in public research institutes. They will develop high skills in project management and intercultural communication.

A 2 years master programme is offered to international students under the following path:
First and second semesters in the ""Physics of the 21st century"" first year of Master in Applied and fundamental physics. Students will gain fundamental knowledges such as: advanced optics, mechanical and electromagnetic properties of the matter, solid state physics, advanced quantum mechanics, advanced spectroscopy, molecular and atomic physics & quantum information.

3rd semester and 4th semester correspond to this master specialization "Matter, Molecules and their Environments (MME)"", with dedicated courses to one of the chosen options. In addition, transferable skills (internship, bibliographical research, scientific communication, project management). 4th semester is dedicated to the Master thesis (30 credits) in a research Laboratory or Industry

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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MASTER'S DEGREE (M2)

Université de Lille

Complex Systems, Optics and Lasers - SCOL

1 YEAR - 60 ECTS

SCIENCE, TECHNOLOGY

Field of study

Physics

Department

Faculty of Science and Technology

Academic cooperation

This master programme is part of the Graduate Programme "Science for a Changing Planet".

Admissions Requirements

Master 1 in Physics for the 21st Century.

English Proficiency

Good English skills (minimum score for Toefl paper test 550; IELST: 6.5; CEF Europass: B2).

French Proficiency

Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The Systèmes Complexes, Optique, Lasers (SCOL) second-year master track (M2) offers advanced training in the fields of optics, lasers and complex systems. As a SCOL graduate, you will have a deep knowledge of how to generate, manipulate and guide various types of light, of how do design laser sources and of how nonlinear systems can generate complex behaviors in space and time, with potential disruptive applications. Administrative details are provided in the official training catalogue of the university of Lille: Parcours Systèmes complexes, Optique, Lasers (M2).

The SCOL master track is part of the Information and Knowledge Society

graduate programme, which gathers expertises needed to build a digital world suitable for Humans. It is also supported by the Excellence center Labex CEMPI, which fosters fundamental and applied research in mathematics and physics, as well as their interactions. Scholarships are available for students with excellent academic records both from IKS graduate programme and CEMPI Labex, as well as relocation grants from IKS graduate programme for foreign students to help them settle in Lille.

The SCOL master track builds on the scientific excellence of the following teams of the Laboratoire de Physique des Lasers, Atomes, Molécules (PhLAM), where in particular research internships are offered:

- Dynamics of complex systems
- Photonics
- Cold atom physics

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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MASTER'S DEGREE

Université de Lille

Computer Science / Track: Internet of Things
1 YEAR - 60 ECTS // 2 YEARS
COMPUTER SCIENCE

Field of study
Computer Science

Department
Faculty of Science and Technology

Academic cooperation
This master programme is a member of the Graduate Programme "Information and Knowledge Society".

Admissions Requirements
Only students who are part of an exchange programme between their University and the University of Lille (Erasmus+, ISEP, BCI, ...) can apply to the second year of this master track (M2). Students on an individual basis, or willing to be awarded a diploma of the University of Lille, must apply to the first year of this master track (M1), only taught in French.

English Proficiency
B2 level of the Common European Framework of Reference

French Proficiency
Candidates must hold good French skills (CEF Europass: C1) since courses are delivered in French in M1.
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The goal of the track "Internet of Things" of the MSc in Computer Science is to prepare students to the design, development and analysis of modern embedded systems, so to reduce their cost while ensuring high safety and security standards.

The students will work with experts of other domains (electronics, mechanic, health experts, etc.) in an interdisciplinary environment. The students will acquire deep knowledge and understanding of operating systems, wireless sensor networks, wireless protocols, real-time systems, security.

This master track can be joined from the first year of master (M1), candidates must hold good French skills (CEF Europass: C1) since courses are delivered in French in M1 (lessons in French, with possibility to offer teaching materials in English).

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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MASTER'S DEGREE

Université de Lille

Electrical Energy for Sustainable Development

1 YEAR - 60 ECTS

SCIENCE, TECHNOLOGY, HEALTH

Field of study

Electrical Engineering

Department

Faculty of Science and Technology

Academic cooperation

Exchange students are accepted

Admissions Requirements

The programme is opened to students who have earned 240 credits (or equivalent) in a university study programme in Science.

English Proficiency

A minimum B2 level in the Common European Framework of Reference for Languages is required. Proof of proficiency must be provided (TOEFL, TOEIC, etc.)

French Proficiency

Basic knowledge is recommended for easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The Master E2SD (Electrical engineering for Sustainable Development) is focused on methodologies for design and for energy management 1) to Increase the insertion of renewable energy for the production of electricity and for the use of future transportation systems and 2) to improve performance of electrical systems in terms of efficiency and reduction of disturbances.

This master degree aims at contributing to a more sustainable use of energy resources and greater interest in environmental problems. It is taught 100% in English to provide the students with the necessary skills for international jobs.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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MASTER'S DEGREE

Paleontology, Paleoclimatology, Paleoenvironment

2 YEARS - 120 ECTS

SCIENCE, TECHNOLOGY, HEALTH

Field of study

Earth Science

Department

Faculty of Science and Technology

Academic cooperation

This master programme is part of the Graduate Programme "Science for a Changing Planet".

This master programme is also associated with an Erasmus Mundus Joint Master Degree: Paleobiology, Geoconservation and Applied Palaeontology (PANGEA) M1-M2, joint with Sweden, Greece, Portugal (https://master-pangea.eu/).

Possibility to enrol in a two-year double diploma programme taught in English, established with our partner universities in Italy (Pisa), Sweden (Uppsala), and Russia (Tomsk).

Admissions Requirements

Licence, BSc degree (or equivalent) in Earth, life or environmental sciences. Students willing to apply to the second year of master should have completed a first year of Master or equivalent.

English Proficiency

Mastering of English Language. All courses of the programme are taught in English. All applicants, who are not native-speakers, must attest a B2 English level or equivalent. This can be done in a number of ways, including through an internationally recognized test such as TOEFL or IELTS, or through previous upper secondary (high school) or university studies (e.g. a letter attesting English is the medium of instruction of your higher education; a diploma in English Language).

French Proficiency

Basic knowledge is recommended for an easier integration in France. French

courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The objective of the programme is to train students to answer questions of interest to both academia (paleobiology, macroevolution, climate change and impact on the biodiversity...), industry (resource exploration in sedimentary basins, paleoenvironmental reconstructions), and geoconservation (development of geoturism and related economic and societal impacts, geoheritage management and conservation, cultural and scientific values).

The Master programme provides students with discipline specific knowledge, concepts, skills, habits of mind (data use and reasoning), and professional, transferable skills (communication, project management, transfer of knowledge, interpersonal collaboration, etc.) to make them able to deal with all aspects of fundamental and applied palaeontology:

- Methods of analysis, treatment, and intervention in Sedimentary Geology (sequence stratigraphy; facies analysis, characterization of geological material)
- Application of principles and technical skills for paleontological and paleoenvironmental analyses (statistics in macroevolution and paleoecology, scientific communication, geobiological processes, paleoclimatology)
- Technical skills in applied palaeontology (micropaleontological and biostratigraphic analyses, industrial and environmental applications)
- Skills and methods in geoconservation (case studies in management of geological collections and geosites, regulatory protection in France and abroad, scientific dissemination, etc.).

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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Website: https://www.univ-lille.fr/formations/fr-00002092.html

MASTER'S DEGREE

LILIPHI / Double Degree
2 YEARS - 120 ECTS
HUMAN AND SOCIAL SCIENCES

Field of study
Philosophy

Department
Humanities

Academic cooperation
The international Master "Lisbon-Lille in Philosophy (LILIPHI)" is a two-year French-Portuguese program (M1 & M2), jointly operated by the University of Lille together with the University of Lisbon.

Admissions Requirements
Applications for the M1 are welcomed from students with a bachelor's degree in philosophy. Students can also directly apply to the M2 if they have completed the first year of a MA program (60 ECTS). Some scholarships are available both in M1 and M2 to support the best students (€ 3,500 per academic year plus national and international relocation grants from € 1,750 to €3,500 per academic year).

English Proficiency
C1 according to the Common European Framework or Reference for Languages

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The goal is to provide a state-of-the-art research-oriented education in contemporary philosophy.

The first year (M1) specializes in general philosophy. Students take part in

research seminars focusing on the history of philosophy (ancient, medieval and modern); on contemporary philosophy from both an analytical and a continental perspective (focusing on logic, philosophy of mind and phenomenology); and additionally, including aspects of political philosophy. Portuguese language course is not mandatory but recommended for students who do not speak Portuguese.

The second year (M2) specializes in contemporary philosophy. Students take part in research seminars focusing on most aspects of contemporary philosophy, including "Meaning and Knowledge", "French Philosophy", "Ethics and Political Philosophy", "Phenomenology and Philosophy of Mind". They also write a master thesis with a personal supervisor. Students who do not speak French must attend a French Language course as well.

The program is organized in four semesters:
Semester 1: Universidade de Lisboa
Semester 2: Universidade de Lisboa
Semester 3: University of Lille
Semester 4: University of Lille

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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MASTER'S DEGREE (M2)

Neuro-cognitive processes and affective sciences
1 YEAR - 60 ECTS
PSYCHOLOGY

Field of study
Psychology

Department
Psychology

Academic cooperation
This master programme is a member of the Graduate Programme "Information and Knowledge Society". Franco-Italian/Franco-Portuguese dual diploma in Psychology
Italy: University of Campania "Luigi Vanvitelli"
Portugal: University of Minho

Admissions Requirements
Master 1 in psychology or equivalent.

English Proficiency
B2 level in English

French Proficiency
Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
The Master Psychology of Neurocognitive Processes and Affective Sciences - PPNSA is a highly competitive European Master's Degree (double degree with the Universities of Campania-Italy and Minho-Portugal), fully taught in English, joining together a highly specialized group of professors, clinicians and lab resources in the field of social, cognitive and affective neurosciences.

One main asset of the Master's degree is that it offers in-depth research and clinical training in affective and cognitive psychology and neurosciences, with

applications in the field of neuropsychology.
The Master aims to train psychologists specialized in the normal and pathological functioning of neurocognitive and affective processes, by combining the most recent advanced theories and cutting-edge technologies in cognitive and clinical neuropsychology.
The Master's degree allows Master students to extend their studies beyond the Master's degree to obtain a PhD in cognitive psychology and neuropsychology. In addition, thanks to an easy access to the cutting-edge technological platforms, the Master offers in-depth training in the use of neuroscientific and digital technologies (electrophysiology, brain imaging, behavioral measures, virtual reality, etc.) in order to train new generations of expert psychologists in cognitive and affective diagnosis and rehabilitation, but also in the digital technologies applied for clinical and research purposes.
Hosting foreign students and teachers provides an international dimension to the Master, making it possible to build up networks at both the European and international levels. The first semester is held at Lille University, and the second semester is held either at the University of Campania or at the University of Minho allowing to obtain a double Master's degree at the end of the academic year.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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MASTER'S DEGREE (M1)

Université de Lille

Cognitive Sciences for Business purposes - SCE

1 YEAR - 60 ECTS

PSYCHOLOGY

Field of study

Psychology

Department

Psychology

Academic cooperation

This master programme is a member of the Graduate Programme "Information and Knowledge Society".

Admissions Requirements

Applications for the M1 are welcome from students with French or foreign degree in psychology, mathematics, computer science or cognitive sciences.

Basic knowledge in programming language is recommended (Pyton, C ++ or others).

A solid personal or professional experience can also give the applicants the possibility of joining the M1 by including the form of validating the acquisitions of their experience.

English Proficiency

Good reading and speaking skills are recommended for an easier understanding of the class materials. English or French need to be proficient to be able to integrate the research training programs.

French Proficiency

Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The Master in Cognitive Sciences for Business (SCE), at the Psychology

Department of the University of Lille, aims to train professionals specialized in the theories and the methods used to study human cognition. Graduated students will be able to carry out studies in applied and fundamental research and gain experience in the design of human-machine devices considering the physical, physiological and psychological limitations of humans.

This training is supported by the EQUIPEX IrDive platform as well as regional public laboratories and private companies. It offers in-depth scientific training on cognitive and affective sciences, language processes, perception-action relationships that allow individuals to interact with real and virtual environments.
Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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Website: https://sc-cog.univ-lille.fr/

MASTER'S DEGREE (M2)

International Executive - MBA
1 YEAR - 60 ECTS
ECONOMICS AND MANAGEMENT

Field of study
Management

Department
IAE Lille - University School of Management

Admissions Requirements
Successful applicants will hold a first year Master's degree, awarded by technical and vocational institutions and universities

English Proficiency
A good command of English is required. Proof of proficiency must be provided (TOEIC, TOEFL, IELTS, IBT...).

French Proficiency
Basic knowledge is recommended for easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives
This IE MBA is tailored to students from various academic and professional backgrounds (Engineering, Science, Technology, Law, etc.) who are interested in seeking new opportunities and experiences, and who want to acquire a dual expertise or double qualification in International Business Management.

This master's degree offers an opportunity to acquire a double qualification. It develops analytical skills needed by high level Executives in a range of complete business situations faced by international companies. It improves skills that are needed when negotiating at high level, taking appropriate decisions and working as a member of an international team.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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Website: https://iaelille.fr/formations/master-2-international-executive-mba/

MASTER'S DEGREE

Université de Lille

Management of European Affairs

2 YEARS - 120 ECTS

ECONOMICS AND MANAGEMENT

Field of study

Economics and Management

Department

Faculty of economics, social sciences, geography and planning

Academic cooperation

Exchange students accepted under certain conditions.

Admissions Requirements

Admission in M1 (first year): Admission to the Master of Management of European Affairs is possible for candidates:

- Holding 180 ECTS credits in university programs (Economics and/or in Management or Political Sciences).
- Within a lifelong education process, who hold a Bachelor Degree (minimum) and who can demonstrate a minimum of 5 years work experience.

Admission directly in M2 (2nd year) is possible only for the MEA track: students must have 240 credits in a university programme in Economics and/or in Management. This programme has a capacity of 20 students. Candidates will be selected on the basis of their academic records, motivation, professional project and interview.

English Proficiency

Proficiency in English is required (see MEA website for test scores details). An authenticated TOEFL certificate or equivalent when available would be an advantage.

French Proficiency

Basic knowledge of French is recommended for easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The main purpose is to educate future experts and / or managers able to match the highest requirements of companies, institutions or other authorities which have to deal with European decision-making processes. These experts will master how the European decisions are made and how they affect the head office in others institutions as in companies.

The Master European and International studies give to the students a complete multidisciplinary education in European economics and management. The students will also learn the basis of political sciences. This master is mainly intended for students who desire a career in an international or European institutions or companies. It targets also students who have some interest to do research.

- The M1 (first and second semesters) is devoted to a training of International Economics and management, European economics and management, European and International Business Law, Negotiation and Lobbying Techniques. At the end of the academic year, students can either undertake an internship in an institution or a company from April to May (2 months min), or write a dissertation, or move to do the second semester in an international partner university.
- The M2 allows students to develop a specialization in the third semester as well as to concretely apply the acquired knowledge through a six-month internship in a company or in an international or European Institutions during the fourth Semester.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Quentin DAVID

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Website: https://master-mea.univ-lille.fr/

MASTER'S DEGREE

Université de Lille

European Economics and Political Affairs

2 YEARS - 120 ECTS

ECONOMICS AND MANAGEMENT

Field of study

Economics and Management

Department

Faculty of economics, social sciences, geography and planning

Academic cooperation

Exchange students accepted under certain conditions.

Admissions Requirements

Admission in M1 (first year): Admission to the Master of European and International studies Affairs is possible for candidates:

- Holding 180 ECTS credits in university programs (Economics and/or in Management or Political Sciences).
- Within a lifelong education process, who hold a Bachelor Degree (minimum) and who can demonstrate a minimum of 5 years work experience.

Admission directly in M2 (2nd year) is possible: students must have 240 credits in a university programme in Economics and/or in Management.

This programme has a capacity of 5 students for the first year and 4 for the second year. Candidates will be selected on the basis of their academic records, motivation, professional project and interview.

English Proficiency

Proficiency in English is required (see website for test scores details). An authenticated TOEFL certificate or equivalent when available would be an advantage.

French Proficiency

Basic knowledge of French is recommended for easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester

Objectives

The main purpose is to educate future experts and / or managers able to match the highest requirements of companies, institutions or other authorities, which have to deal with European decision-making processes.
These experts will master how the European decisions are made and how they affect the head office in others institutions as in companies.
The Master «European and International Studies» gives students a complete multidisciplinary education in Economics and management. The students in EEPA program will learn the basis of political sciences.
This Master is mainly intended for students who desire a career in an international or European institutions.
It targets also students who have some interest to do research.

The M1 (first and second semesters) is devoted to a training on the basis of International Economics and management, European economics and Policies, European and International Business Law, Negotiation and Lobbying Techniques.
At the end of the academic year, students can either undertake an internship in an institution or a company from April to May
(2 months min), or write a dissertation.

The M2 allows students to develop a specialization in the third semester and move to do it in an international partner university.
During the fourth semester, students have to concretely apply the acquired knowledge through a six-month internship in any organization dealing with European affairs.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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Website: https://fasest.univ-lille.fr/formations/catalogue-des-formations/fiche/fr-00002408

MASTER'S DEGREE (M2)

Global E-Business
1 YEAR - 60 ECTS
ECONOMICS AND MANAGEMENT

Field of study
Management

Department
Faculty of economics, social sciences, geography and planning

Academic cooperation
Exchange students accepted

Admissions Requirements
A four-year undergraduate degree in the field of Information Technology or business / economics with an international orientation

English Proficiency
Fluent English is required. IELTS 6.5 corresponds to the usual required level.

French Proficiency
Basic knowledge is recommended for easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester

Objectives
The Global E-Business master's degree is a specialization programme entirely taught in English. It is a one-year degree run as a second-year master's and limited to a small group of highly skilled students.

Graduates will have acquired in-depth knowledge of IT solutions, network technologies, e-business and project management. While the first semester lays down the theoretical foundations of business management, IT and programming, students gain real-world experience in the second semester through their work on a student project and their internship in one of our worldwide partner institutions.

This master's programme is an ideal opportunity for students seeking employment in the fast- growing and dynamic environment of e-business and international trade and finance.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Emilie DEDES et Olivier ROUSSEL

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Website: https://fasest.univ-lille.fr/

MASTER'S DEGREE

Université de Lille

Globalization and the World Economy

2 YEARS - 120 ECTS

ECONOMICS AND BUSINESS

Field of study
Economics

Department
Faculty of Economics, Social Sciences and Geography

Academic cooperation
Exchange students accepted with a limited number of slots

Admissions Requirements
- Students must have 180 credits in university programmes in Economics, Economics and Business or Law and Economics. Candidates will be selected on the basis of their academic records and an interview.
- A good mastering of the English language is required.

English Proficiency
C1 according to the Common European Framework; TOEIC≥850; TOEFL≥100; IELTS≥6

French Proficiency
B2 according to the Common European Framework. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester

Objectives
The international Master programme Globalization and the World Economy - GLOWE - provides a thorough understanding of the key issues of the globalization process, and its main economic and social challenges for both emerging and advanced economies. It aims at training high-level international experts in the analysis of the globalization process.
This Master programme is taught in English, and students are immersed in a group of international students who take English courses.

Students will study abroad during the second semester. To me, studying abroad offers students the chance to improve their intercultural skills by living and studying with students from different countries. It also makes students more competitive on the job market. Study abroad should be an integral part of every higher education so that students can better compete in a global world

Objectives:

- To train high-level international experts in the analysis of the globalization process and its impacts upon countries' institutions and their economic and social policies.
- The programme is aimed at students with career aspirations in research, in government and international organisations, and in economic and market studies or research departments of large banks and industrial and commercial corporations, and in research.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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LIST OF ERASMUS MUNDUS JOINT MASTERS:

MASTER'S DEGREE

Université de Lille

Erasmus Mundus Joint Master – GOALS International Master (GOvernance & Administration of Leisure and Sport)

2 YEARS - 120 ECTS

SPORT MANAGEMENT, MANAGEMENT, BUSINESS ADMINISTRATION, SPORT STUDIES

Field of studies

Sport management

Department

Faculty of Sport and Physical Education (FSSEP)

Academic cooperation

The GOvernance & Administration of Leisure and Sports International Master (GOALS) is a joint Master programme organised by five leading European universities in the field of Sport management:

- the University of Lille (France)
- the University of Lisbon (Portugal)
- Mykolas Romeris University (Lithuania)
- Nicolaus Copernicus University (Poland)
- the International University of Health, Exercise & Sports - LUNEX (Luxembourg)

Admissions Requirements

Candidates must hold a Higher Education (HE) undergraduate degree (e.g., Bachelor, Licence, 180 ECTS) or a recognised equivalent level of learning in accordance to the GOALS Master programme. The expected scientific background is the following: Sport management (sport sociology, sport marketing, sport communication, sport finances, sport economics, sport event management) or Management/Business administration (sociology, marketing, communication, finances, economics, event management) or Sport studies (physical education, sport coaching, fitness, sport and wellness).

English Proficiency

All courses are taught in English. All non-English native speakers must therefore attest a valid B2 English level (CEFR – Common European Framework of Reference) or equivalent:

- IELTS 6.0 to 6.5
- TOEFL iBT 88
- Cambridge First or Advanced
- 2 years full-time studies minimum in English (certificate from the previous University)

French Proficiency

No specific requirement. Basic knowledge is recommended for easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester

Objectives

5 universities joined forces to create an innovative study programme and provide a balanced integration of theory, practical experience, empirical research and policy analysis about sports. **GOALS** International Master offers students many opportunities to pursue their academic and professional objectives in the sport industry. Upon completion of this joint degree, students are prepared for a range of careers in sport management. They will be employed in sport organisations also they will have the necessary skills and competences to act as self-employed on individual basis as a partner, consultant and expert. 2 different tracks are available : Sport Industry and Leisure, Sport and Event management. A focus on digitalisation can be made during the third semester.

Tuition fees: Possibility to apply for EMJM scholarship. More information on website: http://master-goals.eu/participation-cost-scholarship/participation-cost-scholarship.html

Contact: Yann CARIN (International Master Coordinator) / GOALS Project Officer

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Website: http://master-goals.eu/index.html

MASTER'S DEGREE

Erasmus Mundus Joint Master – S-DISCO International Master in Sustainable Drug Discovery

2 YEARS - 120 ECTS

PHARMACEUTICAL SCIENCES, CHEMISTRY, BIOLOGY

Field of studies

Pharmaceutical sciences

Department

Faculty of Pharmacy

Academic cooperation

Erasmus Mundus label.

S-DISCO is a joint Master programme organised by 4 European Universities:

- Ghent University (Belgium)
- the University of Lille (France)
- the University of Groningen (Netherlands)
- Medical University of Gdańsk (Poland)

Admissions Requirements

Candidates must hold a higher education diploma issued by a competent Higher Education authority attesting the completion of a degree equivalent to a first cycle (180 ECTS – or higher) in the field of Pharmaceutical Sciences, Chemistry, Biology (incl. Biochemistry), Bio-(incl. environmental, chemical and food) Engineering, Human or Veterinary Medicine, Biomedical sciences or equivalent (which then requires formal equivalency by an official body in one of the 4 consortium countries, e.g. ENIC-NARIC).

English Proficiency

S-DISCO is an English taught programme and an English language proficiency is therefore a basic requirement. Applicants need to provide a certificate of proficiency in English, which should be at least a B2 level according to the CEFR (Common European Framework of Reference). Native-English speaking applicants as well as applicants where English was the language of instruction during their university education can also be accepted provided submission of proof or declaration of this.

French Proficiency

No specific requirement. Basic knowledge is recommended for easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

Our graduates will be trained to find creative and innovative solutions for the various challenges in the pharmaceutical field. Emphasis is on the crucially important discovery phase, taking into account environmental, ecological and socio-financial sustainability aspects. Workforce shortages exist for almost every position within the pharmaceutical and related industries, and scientists with the skills offered by S-DISCO master program are extremely in-demand by the industry. Moreover, both national medicine-competent authorities as well as international agencies, such as EMA, FDA or WHO, will look for our high-level graduates. The same is true for civil society organisations, such as NGOs, working in this field. Finally, our graduates will have acquired useful competencies for further academic studies, i.e. Ph.D., thereby deepening the drug discovery field while propagating the sustainability viewpoint in pharmaceutical research and education.

Tuition fees: Possibility to apply for EMJM scholarship. More information on website: https://sustainabledrugdiscovery.eu/finances/

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Website: https://sustainabledrugdiscovery.eu/

MASTER'S DEGREE

Université de Lille

Erasmus Mundus Joint Master – ASC Advance Spectroscopy in Chemistry
2 YEARS - 120 ECTS
SCIENCE, TECHNOLOGY, HEALTH

Field of study
Chemistry

Department
Faculty of Chemistry

Academic cooperation
The Erasmus Mundus "Advanced Spectroscopy in Chemistry Joint Master Degree is jointly operated by the following universities (the ASC consortium):

- University of Lille, France (Coordinating institution)
- University Alma Mater of Bologna, Italy;
- University of Helsinki, Finland;
- Jagiellonian University in Krakow, Poland;
- Leipzig University, Germany.

Students graduating from the ASC Master obtain multiple degrees from the partner universities in which they spend at least 1 semester (30 ECTS) in the course of their 2-year Master (120 ECTS).

This master program is part of the Graduate Program of the hub of excellence "Science for a Changing Planet" at the University of Lille. It is fully taught in English.

In addition to the Erasmus Mundus partnership, it is also a Franco-Ukrainian dual diploma in Chemistry, physics & analytics with Kharkiv National University (Ukraine) and a Franco-Chinese dual diploma in Chemistry, physics & analytics the Harbin Institute of Technology (China).

Admissions Requirements
Bachelor of Science in chemistry, or equivalent education in the field of chemistry, biochemistry, physical chemistry or physics. Relevant theoretical knowledge in chemistry or related professional experience

English Proficiency

An English test is mandatory for this Erasmus Mundus Conjoint Master (minimum score for Toefl paper test 550; IELTS: 6.5; CEF Europass: B2). The program is entirely in English.

French Proficiency

No French test is required nor mandatory. The program is entirely in English.
Basic knowledge is only recommended for an easier integration in France.
French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The ASC network aims at preparing students to become experts and develop international skills towards doctoral studies and/or professional industrial careers in spectroscopic characterization of matter.

The ASC program has reached a high level of harmonization, with a single Master program scheme applicable at each partner institution and thus yielding to a better integration into the European scheme.

All successful students receive a multiple degree from the institutions where they attended courses.

This ASC master program will:

- guarantee quality of excellence (all partners have official accredited Masters in chemistry)
- Allow students access to techniques not available locally (mutualisation of the equipment, teaching on high-end research equipment)
- provide a sound background in Advanced Spectroscopy, both in experimental techniques and in scientific knowledge;
- promote students' mobility within a network of research laboratories spread amongst countries from a large area of Europe in an environment where they will be well looked after and acquire transferable skills in a multicultural environment.
- prepare students to become experts in spectroscopy / analytical chemistry in the application field of their choice (including physical chemistry material sciences, organic/bioorganic chemistry, environmental chemistry).

- help and prepare students to develop skills to follow future doctoral studies, and/or towards professional activities.

The originality of this program is to allow students to choose their research master thesis in one highly specialized field according to their customized professional objectives. The high level of equipment available in the consortium is unique.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

Contact: Cedric LION (ASC programme coordinator; director of studies 1st year) / Sylvain CRISTOL (director of studies 2nd year) / Eleonore SANKARE (administrative manager)

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Website: http://www.master-asc.org/

MASTER'S DEGREE

Erasmus Mundus Joint Master – BIOPHAM Bio & Pharmaceutical materials science

1 YEAR - 60 ECTS

SCIENCE, TECHNOLOGY, HEALTH

Field of study

Physics

Department

Faculty of Science and Technology

Academic cooperation

This master programme is part of the Graduate Programme "Science for a Changing Planet". It is also an Erasmus Mundus Joint Master Degree M1-M2, joint with the University of Pisa (Italy)
Polytechnic University of Catalonia (Spain), the University of Silesia in Katowice (Poland).

Admissions Requirements

Candidates must hold a first higher education Science degree (e.g., Bachelor, Licence,...) in physics, chemistry, physics-chemistry or materials science. Candidates awarded with a First higher education Science degree in related fields such as pharmaceutical sciences or life sciences
Can also be considered but they should provide a convincing demonstration that they have a sufficient background in chemistry and/or physics.

English Proficiency

Mastering of English Language. All courses of the programme are taught in English. All applicants, who are not native-speakers, must attest a B2 English level or equivalent. This can be done in a number of ways, including through an internationally recognised test such as TOEFL or IELTS, or through previous upper secondary (high school) or university studies (e.g. a letter attesting English is the medium of instruction of your higher education; a diploma in English Language).

French Proficiency

Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive

session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The Erasmus Mundus Joint Master Degree BIOPHAM is a two-year master programme entirely taught in English. It aims at meeting an international demand for qualified graduates with theoretical and applied high-level training in materials science and physics & chemistry of materials and their applications to pharmaceuticals.

The BIOPHAM Master aims at emerging the new discipline of "pharmaceutical materials science" by offering a very rich education and training programme at the interface between materials science and physics/chemistry of materials and pharmaceutical sciences.
The BIOPHAM Master will help reducing the severe lack of human resources in the vast research-based pharmaceutical sector including academic centres, big pharma, SME's, spin-offs, start-ups, contract research organizations or drug manufacturers.

The BIOPHAM Master's course provide all students with various transversal skills such as competencies in entrepreneurship, project management, economic and strategic intelligence, marketing, bibliographical search and synthesis. Students also have opportunities to acquire other soft skills (intercultural communication, research experience and scientific communication, national language of their host universities) enabling them to easily adapt to their future international professional environment.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

- Participation costs as an Erasmus Mundus student: https://www.master-biopham.eu/fees-scholarship/tuition-fees ;
- Apply for an Erasmus Mundus scholarship: https://www.master-biopham.eu/erasmus-scholarship ;
- Tuition fees as a free mover (M2 only): https://www.univ-lille.fr/formation/droits-dinscription/ ;

Contact: Frédéric AFFOUARD

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Website: https://www.master-biopham.eu/

MASTER'S DEGREE

Erasmus Mundus Joint Master – EGEI Economics of Globalisation and European Integration

2 YEARS - 120 ECTS

ECONOMICS AND MANAGEMENT

Field of studies

Economics

Department

Faculty of economics, social sciences, geography and planning

Academic cooperation

Erasmus Mundus label.

This programme is not open to exchange students.

The programme is organised by a consortium of eight partner universities:

- Université de Lille – France
- Università degli Studi di Bari 'Aldo Moro' - Italy
- Ghent University - Belgium
- Centre for European Policy Studies - Belgium
- Universidad de Cantabria – Spain
- Tartu Ülikool - Estonia
- Xiamen University - China
- Universidad Tecnica Federico Santa Maria – Chili

Admissions Requirements

The EGEI Programme is open to students who have earned 180 ECTS credits in a University study programme (at the level of a bachelor degree or higher) in economics, applied economics or related disciplines.

English Proficiency

The proficiency in English of the students is checked by submitting proof of a computer-based TOEFL level of minimum 90, or a IELTS grade of at least 6.5, or should submit proof of having studied at least a sufficient number of credits in an English-language programme.

French Proficiency

Basic knowledge is recommended for easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive

session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

The Master Economics of Globalisation and European Integration (EGEI) is a two-year (120 ECTS) program fully taught in English and in a truly global learning environment.

A global career in economics and business.
The Master EGEI programme meets an increasing demand for graduates who have the skills to competently analyse issues of globalisation and economic integration, make relevant policy or strategic recommendations in the public and private sectors.

Excellence in training and education.
An innovative approach which brings together advanced academic competences with more practical knowledge and skills. Lectures and seminars with EU officials, visits to EU institutions and other Brussels-based bodies. Interactive modes of instruction: Oxford-style debate, simulations, role playing games, discussion groups and "pitch" presentations.

An Erasmus Mundus Joint Master Degree.
Students must spend at least two terms in two EU countries different from their country of residence. Upon successful completion of the programme, students earn the Erasmus Mundus Joint Master Degree in Economics of Globalisation and European Integration. The diplomas are awarded jointly by a consortium of seven universities and a leading global think tank. Associate partners from academia, international organisations and private sector contribute to the programme with specific skills and highly valuable.

Tuition fees: https://www.master-egei.eu/fees-and-cost-of-living/

Contact: Claire NAIDITCH

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Website: https://www.master-egei.eu/

MASTER'S DEGREE (M2)

Erasmus Mundus Joint Master – BIOREF Biorefinery

1 YEAR - 60 ECTS

SCIENCE, TECHNOLOGY, HEALTH

Field of study

Chemistry, Biorefinery

Department

Chemistry

Academic cooperation

This master programme is part of the Graduate Programme "Science for a Changing Planet". M2 is in co-accreditation with the graduate engineering school Centrale Lille. It is also an Erasmus Mundus Joint Master Degree: Biorefinery (BIOREF) M1-M2, joint with France, Italy, Poland (https://master-bioref.eu/).

Admissions Requirements

Students willing to apply to the second year of master should have completed a first year of Master or equivalent in chemistry, biochemistry or chemical engineering.

English Proficiency

Mastering of English Language. All courses of the programme are taught in English. All applicants, who are not native speakers, must attest a B2 English level or equivalent. This can be done in a number of ways, including through an internationally recognized test such as TOEFL or IELTS, or through previous upper secondary (high school) or university studies (e.g. a letter attesting English is the medium of instruction of your higher education; a diploma in English Language).

French Proficiency

Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course during the autumn semester.

Objectives

This one-year master track "Biorefinery" (M2) aims at training specialists able to get involved in biomass recovery issues, innovate in processes of conversion and contribute to
replacement of processes using fossil resources.

Students following this track will be able to provide solutions for the implementation of new reactions involving the molecules resulting from the biomass treatment, having an expert knowledge of:

- the composition of the different biomasses as well than their cultivation method, rotation at the land, etc.;
- chemical, physical and biotechnological means to transform biomass (plants, wood, algae) in its unit components (cellulose, hemicellulose, lignin);
- valorisation of components and functional groups of these molecules in biofuels;
- catalysis (homogeneous, heterogeneous and enzymatic), catalysts preparation (heterogeneous) and chemical enginneering needed (kind of reactors dedicated to each reaction)

At the end of this training, graduates can apply for a doctorate or for positions in industry.

Tuition fees: https://www.univ-lille.fr/etudes/droits-dinscription/

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Website: http://master-chimie.univ-lille1.fr/master2/Biorefinery/

MASTER'S DEGREE

Université de Lille

Erasmus Mundus Joint Master – MITRA Transnational Migrations

2 YEARS - 120 ECTS

SOCIAL SCIENCES, HUMANITIES, LAW, FOREIGN LANGUAGES

Field of study

Social Sciences, Humanities, Law, Foreign Languages

Department

Languages, Cultures and Societies

Academic cooperation

The University of Lille coordinates a consortium of 7 partner universities and 3 associated members. 4 non-academic and 3 research partners have also joined the consortium.

The 7 partner universities:

- University of Lille (France);
- Free University of Brussels (Belgium);
- Babeş-Bolyai University (Romania);
- University of Wroclaw (Poland);
- University of Szeged (Hungary);
- University College Cork (Ireland);
- University of Grenada (Spain)

The 3 associated members:

- Cheik Anta Diop University (Dakar, Senegal)
- Federal University of Rio de Janeiro (Brazil)

University of the Aegean (Greece)

Admissions Requirements

Applicants are expected to hold a degree in the social sciences, law, foreign languages, and humanities (180 ECTS). Exceptions can be made for students from other disciplines who already have some professional experience. MITRA is taught in both French and English, requiring B2 proficiency (CEFR). The duration of the programme is twenty-four months. Depending on the students' major, the consortium jointly awards two or three Master's degrees on completion.

Learn how to apply to the MITRA Master's programme at https://www.master-mitra.eu/en/admission-selection/admission

English Proficiency

For the English track, which starts at the Free University of Brussels, applicants need to provide a certificate of proficiency in English, which should be at least a B2 level according to the CEFR (Common European Framework of Reference). Native-English speaking applicants as well as applicants where English was the language of instruction during their university education can also be accepted provided submission of proof or declaration of this.

French Proficiency

For the French track, which starts at the University of Lille, applicants need to provide a certificate of proficiency in French, which should be at least a B2 level according to the CEFR (Common European Framework of Reference). Native-French speaking applicants as well as applicants where French was the language of instruction during their university education can also be accepted provided submission of proof or declaration of this.
But basic knowledge in English are required in the French track, due to certain classes taught in English during the program's four semesters.

Objectives

MITRA is a bilingual and interdisciplinary Master's programme in the social sciences and humanities, taught in both French and English. It addresses international migration and how it impacts contemporary societies.

MITRA offers in-depth training to students aiming to specialise in migration studies and go on to doctoral degrees, public policy analysts working on migration and integration (including experts from international and local organisations), and intercultural mediators running community projects.

As a member of one of the University of Lille's International Graduate Programmes, MITRA prepares students for both further research and a professional career. This taught programme allows them to work on both European and non-European case studies, combining theoretical analysis with field surveys.

Depending on the students' major, the consortium jointly awards two or three Master's degrees on completion.

Tuition fees: https://www.master-mitra.eu/en/application-admission/admission-fees

Contact: Audrey CELESTINE (co-director) / Nicolas MARTIN BRETEAU (co-director) / Natalia JAMIOLKOWSKA

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Website: https://www.master-mitra.eu/en/

MASTER'S DEGREE

Université de Lille

Erasmus Mundus Joint Master – STRAINS Advanced Solid Mechanics

2 YEARS - 120 ECTS

MECHANICS, SCIENCES

Field of study

Mechanics, Sciences

Department

Sciences and Technologies

Academic cooperation

The University of Lille, Centrale Lille (France), the National Technical University of Athens (Greece), the Université catholique de Louvain (Belgium), Wrocław University of Science and Technology (Poland) and the University of Calabria (Cosenza, Italy) offer a unique joint Master's programme in Advanced Solid Mechanics, a 2-year course in English, designed for students wishing to develop their knowledge and skills in materials and structure modeling.

Admissions Requirements

All applicants must hold a Bachelor of Science or Engineering degree in Mechanics, Mechanical Engineering, Civil Engineering, or equivalent with a strong background in Mechanics, Physics and Mathematics.

English Proficiency

All applicants, except native English speakers, must provide recent evidence of their proficiency in English through one of the following documents:

- TOEFL: minimum score: 570 points (paper) or 87 points (internet)
- IELTS: minimum score: 6.5
- Cambridge English First (FCE) - Grade A or B.
- Certificate of a University Language Centre testifying that the student masters the necessary knowledge of English to function academically (specify CEF-level / minimum CEF-level B2)

French Proficiency

Basic knowledge is recommended for an easier integration in France. French courses will be provided for free at the University of Lille: a 1-week intensive session at the beginning of the academic year, and an optional extensive course

during the autumn semester.

Objectives

Solid mechanics studies the behaviour of solid materials, and in particular, their motion and deformation under the action of forces, temperature changes, phase changes, and other external or internal agents.

Solids manifest themselves through a wide range of applications, like Manufacturing (material innovation, additive manufacturing), Civil engineering structures, Transport (air, land, space), Health (biomechanics, pharmaceuticals), Environment (contamination, sustainable development), Energy (mainly renewable energies), Food industry (processing methods).

Thus, solid mechanics is fundamental for mechanical, civil, aerospace, nuclear, and biomedical engineering, for geology, and for many branches of physics, such as materials science.

Given the significant increase in knowledge in all these fields today, there is a need for highly qualified managers and engineers with advanced skills in solid mechanics.

Tuition fees: https://www.master-strains.eu/fees-scholarship/tuition-fees

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Website: https://www.master-strains.eu/