

UNIVERSITÉ PARIS CITÉ INTERNATIONAL PROGRAMMES

THE MULTIDISCIPLINARY UNIVERSITY
IN THE HEART OF PARIS

WELCOME TO FRANCE'S LEADING MULTIDISCIPLINARY UNIVERSITY

Université Paris Cité is a social impact university engaged to tackle the challenges facing the planet: Healthy People, in Healthy Societies, on a Healthy Planet. A multi-disciplinary, internationally renowned university delivering high-quality education and world-leading research, Université Paris Cité is recognised for its programme diversity, its capacity for innovation as well as for its active participation in the development of the European Education and Research areas.

Université Paris Cité was born in 2019 through the merger of Paris Diderot, Paris Descartes universities and Institut de physique du globe de Paris as a component institution. The university is comprised of three faculties: Health, Sciences, Humanities and Social Sciences. Since July 2021, the Institut Pasteur is a partner research organisation of Université Paris Cité.

Located in the heart of Paris, its sites and campuses extend from the 5th to the 18th districts of Paris, in its immediate surroundings and as far as certain French overseas territories.

With more than 68,000 students, 4,838 academics, 2,794 administrative and technical staff and 113 research units, Université Paris Cité embodies Paris as a modern, vibrant city, open to the world, youth and to knowledge transfer

Université Paris Cité is one of the most prestigious higher education institutions in France. As a research-intensive university, Université Paris Cité provides a comprehensive and ambitious educational offering with a high focus on interdisciplinarity.

Through its international partnerships, educational programmes are offered providing students with a unique international experience which is in high demand in today's competitive workplace.

A JOINT PROGRAMME

is a study programme developed and/or provided jointly by two or more higher education institutions, possibly also in cooperation with other institutions, leading to the award of a double, multiple or joint degree.

A DOUBLE OR MULTIPLE DEGREE

is two or more national diplomas issued by two or more higher education institutions on the basis of a study programme developed and/or provided jointly by the higher education institutions.

A JOINT DEGREE

is a single diploma issued by at least two higher education institutions offering an integrated programme and recognised officially in the countries where the degree-awarding institutions are located.



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ADMISSION ONTO A COURSE

STEP 1

Choose your curriculum

To find out the exact requirements for the course you are interested in, we recommend that you go to our website or email the contact provided on the course description in the A to Z.

STEP 2

Application on the Campus France platform “Études en France”

You will need to submit your application to the Campus France platform directly (consult the Campus France list of countries to see whether you need to follow this step)

<http://www.campusfrance.org/en/page/a-country-using-cef-procedure>

If this isn't the case, you will be invited to submit your application directly onto our university application portal e-candidat.

STEP 3

Selection criteria

In order to access a course, a jury will examine your application form to determine whether you are eligible for the course you have applied for. In some cases, you will be invited to an interview and/or will have to complete a language test. Selection committees will look at your academic background, motivation letter, and recommendation letters.

When submitting an application form, in most cases you will also need to provide proof of your level for the language(s) in which the course is taught. Some overseas students applying from outside of the EU and who have never studied in France will need the required level of French even if the course is taught entirely in English.

You will find additional information on our website u-paris.fr

Tuition Fees

In 2026/2027, non-EU students who do not come as part of an exchange will receive a partial exemption from registration fees.

These students will therefore pay the same fees as French and European students:

- > **Bachelor Degree: 178 euros + 105 euros de CVEC***
- > **Masters Degree: 255 euros + 105 euros de CVEC***
- > **PhD: 397 euros + 105 euros de CVEC***

* Student and Campus Life Contribution (CVEC) is Mandatory Registration fees can change by approximately 2% each year. Specific courses such as Erasmus Mundus can sometimes be subject to additional costs. Find out about the relevant training pages.

Living in Paris

Finding accommodation is an important step for any international student who wants to successfully integrate into Parisian life.

It is a step that should be planned before your arrival in France. Finding accommodation in Paris, as with all capital cities, can be a challenge. It is crucial to start your search in December prior to the year of your arrival in Paris. This will allow you to familiarise yourself with the conditions and requirements for admission to student dormitories.

BUDGET FOR YOUR ACCOMMODATION

In a résidence universitaire (University dormitory):

> **A minimum of 450 to 500 € / a month**
(price varies depending on the type of accommodation)

As a private tenant:

> **From 600€ to 1200€ per month**

If you are planning to rent an apartment, remember that you will need to provide a deposit equivalent to two month's rent

NB: You may possibly be entitled to financial assistance for your accommodation expenses.

Learn French at Université Paris Cité

All international students enrolled at Université Paris Cité can take French courses throughout the academic year..

First-year students whose courses take place on or near the Grand Moulins campus can take advantage of the Personalised Online Language Learning (SPELL) programme. It offers students the opportunity to take French as a Foreign Language (FLE) courses online.

For students enrolled from the second year of a Bachelor's programme to the second year of a Master's programme, the Department of Languages for Specialists in Other Disciplines (LANSAD) offers face-to-face semester-long French language courses at five levels, from elementary (A1) to advanced (C1). An online assessment of written comprehension, knowledge of language structure and oral comprehension allows students to be placed in groups according to their level of French. Each semester, students can take either a French grammar course or a workshop (two hours per week). However, exchange students can take a French grammar course and/or a workshop (two or four hours per week).

For more information on these French language courses:
<https://u-paris.fr/eila/fle/>

Students whose courses are at other Université Paris Cité campuses can take French courses at the Odéon campus.»

Research

Cutting-edge research is carried out in international laboratories at Université Paris Cité operating in three main sectors (Medicine, Sciences, Arts, Humanities & the Social Sciences). While there is a high level of specialisation within each discipline, what makes Université Paris Cité unique is the way in which it fosters innovative interdisciplinary research.

In France, university research makes a vital contribution to national research development efforts. With this respect, University lecturers and researchers from large state institutions work together to carry out their research. The public organisations include namely the French National Centre for Scientific Research (CNRS), French National Institute of Health and Medical Research (INSERM), the French Alternative Energies and Atomic Energy Commission (CEA) as well as other joint research units.

KEY RESEARCH FIGURES

- > **4800 Researchers**
- > **2700 Administrative and technical staff**
- > **3100 Doctoral students**
- > **705 Theses per year**
- > **100 Research accreditations**
- > **22 Doctoral schools**

The university's joint IT, learning and technological resource service

FABLAB

- + 100 m² of co-working space and workshop room
- + Capacity to accommodate persons
- + 3D printer, scanner, vinyl and laser cutters, thermos-formers, digital embroiders
- + Connected tables and projectors
- + State-of-the-art digital tools facilitating collaborative work

ILUMENS

- + 2 simulation platforms targeting medical students in the different aspects of their training: initial, specialised, continuing medical and paramedical
- + Internationally recognised for its innovative and technological pedagogy
- + 1,100 m²: specialised in imaging, surgery, ethics and virtual environment
- + 700 m²: specialised in surgery and telemedicine
- + Connected Health/Virtualisation and 3D Modeling entity

LANGUAGE RESOURCES CENTRE

The Language Resource Centre (CRL) provides you with a welcoming and spacious self-study room, 50 self-service computers with Internet access, word processing tools, language learning software, staff on-hand to guide, and advise you. The center has simple, user-friendly and innovative language learning methods. You can learn German, English, Chinese, Korean, Spanish, French, Italian, Japanese and Vietnamese.

UNIVERSITY LIBRARIES

Université Paris Cité has 20 libraries on 13 sites, with extended opening hours covering all the disciplines taught at the university. The main library is located at the Grands Moulins campus. It is a key feature of the site, covering 8000 m² situated in a former industrial building with 5 floors of resources.

STUDENT LIFE

SPORT

The university's Sport Department offers a wide range of high-quality activities. There is a gymnasium on our main campus. Whatever sport you enjoy, whatever level you are at, the important thing is to keep active during your studies!

Activities offered by the Sports Department include: Badminton, Basketball, Acrobatics- circus art, Choreography workshop, Creative dance, Dance and gestural writing, Dance and cultural projects, Football, French boxing, Handball, Jazz gymnastics, Judo, Kendo, Lifeguard training, Martial arts, National water life-saving certificate, Physical and health activities, Scuba diving, Table tennis, Taiji-quan, Volleyball.

Sports Services:
sport@u-paris.fr

CULTURE

Our Cultural Department offers outings to the theatre, cinema, dance shows, opera, concerts and art exhibitions at competitive student prices.

Cultural activities represent essential aspects of university life. Historical monuments and museums surround Université Paris Cité. It is fully immersed into its cultural heritage and environment bringing you a multitude of landmarks to visit and discover during your academic stay. Free workshops are available for art and culture enthusiasts.

You can obtain more information at:
culture.u-paris.fr

STUDENT ASSOCIATIONS

Université Paris Cité has more than 120 student associations that provide a wide range of activities to enhance your student experience.

At your fingertips, you will be able to multiply your student experience through enriching activities combining shared projects and values. Culture, sport, citizenship, the choices are abundant. If you have an idea of something that doesn't already exist, you can apply to create your own association.

- + 15 cultural associations (Television, radio, poetry, improv, theatre, music, nature...)
- + 6 sporting associations (cheerleading, American football, boating...)
- + 9 solidarity and student life associations (discussions around disability, support for Haiti, skiing and other trips...)

Below you will find the types of associations available:
u-paris.fr/en/student-associations



INTERNATIONAL JOINT PROGRAMMES

UNDERGRADUATE PROGRAMMES | **SCIENCES****DUAL FRANCO-GERMAN BACHELOR DEGREE IN CHEMISTRY**

The aim of this programme is to give students a broad foundation in Chemistry enabling them to pursue a Master's in Chemistry or a related field (environment, nanoscience, biochemistry, science of matter) whether it be in France or Germany.

The programme is designed for students who have decided from the outset to study chemistry. The first three semesters are conducted at Bielefeld University. Semesters 1 to 3 focus predominantly on the basics of chemistry. For semesters 4 to 6, students deepen their knowledge by benefiting from the expertise of the Chemistry Department of Université Paris Cité in chemical physics, inorganic chemistry and organic chemistry.

There is a placement of minimum two months to be completed in semester 6 at a university laboratory other than Université Paris Cité.

KEY FACTS**LANGUAGE(S) OF INSTRUCTION**

- + 100% French at Université Paris Cité and 100% German at Bielefeld University

LENGTH OF STUDY

- + 3 years, full time

PARTNER

- + **Universität Bielefeld**

COURSE LOCATION

- + Semester 1 to 3: Bielefeld University, Germany
- + Semester 3 to 6: Université Paris Cité, France

DEGREES AWARDED

- + Licence franco-allemande de Chimie, Université Paris Cité
- + Bachelor of Science, Bielefeld University

ENTRY REQUIREMENTS

- + French Baccalaureate in Science or international equivalent

LANGUAGE PRE-REQUISITES

- + B2 level of French and German

SKILLS AND COMPETENCIES DEVELOPED

- + German and French language skills
- + Get acquainted with Chemistry: organic and inorganic chemistry as well as analytical and physical chemistry
- + Observe and model matter and energy transformations processes
- + Manage and resolve issues related to industrial sectors involving chemistry or biology: agribusiness, environment, pharmacy, cosmetics, materials
- + Analyse, interpret and render the results of experimental data
- + Master main identification techniques as well as qualitative and quantitative analysis of matter (spectroscopy IR, NMR, UV-Visible spectroscopy, mass spectrometry...)
- + Master main separative and chromatographic techniques (gas and high pressure liquid chromatography, silica gel column and thin layer chromatography)
- + Implement and enforce hygiene and safety regulations

CONTACTS**Administrative Coordinator**

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Pedagogical Coordinator

Ms. Delphine SCHAMING

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BACHELOR IN HISTORY (INTEGRATED FRANCO-GERMAN PROGRAMME)

In an increasingly globalised world and in an enlarged Europe, intercultural and linguistic skills are an undeniable asset. The integrated Franco-German History course is a selective, bi-national degree. It prepares simultaneously for two national diplomas: the French Licence and the German bachelor, allowing our students to spend two thirds of their bachelor in one of the best-ranked German Universities in the field of humanities and social sciences.

The programme aims at giving students an in-depth knowledge of history, by periods and areas (ancient, medieval, modern, contemporary history, comparative history, history of non-Western worlds, cross-thematic history) while enabling students to develop high-level language skills. In the first two years, students also choose courses from other departments (language, sociology, philosophy, political sciences, economics, education...). Students also benefit from personalised tutoring and intensive language courses.

French and German students of the same cohort stay together during the entire duration of the programme (no entry in second or third year).

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + 100% French at Université Paris Cité and 100% German at Bielefeld University (+ third language acquisition possibilities)

LENGTH OF STUDY

- + 3 years, full time

PARTNER

- + Universität Bielefeld

COURSE LOCATION

- + 1st and 2nd year: Bielefeld University, Germany
- + 3rd year: Université Paris Cité, France

DEGREES AWARDED

- + Licence d'Histoire, Université Paris Cité
- + Bachelor of Arts in History, Bielefeld University

ENTRY REQUIREMENTS

- + French Baccalaureate or international equivalent. DAEU A. Applicants may have to take an interview and a German language test

LANGUAGE PRE-REQUISITES

- + Certified B2 in French and German

SKILLS AND COMPETENCIES DEVELOPED

- + German and French language skills (non-mandatory intensive course in German in 1st semester)
- + Acquaintance with the major issues in history, allowing students to develop critical thinking and analysis of past as well as contemporary societies
- + The numerous written and oral works requested by the German university system provide French students with intercultural fluency and high-level linguistic, disciplinary and methodological skills. They are also highly encouraged to work in small groups
- + Analytical skills

CONTACTS

Programme Generic Address
bipag@uni-bielefeld.de

Administrative Coordinator
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UNDERGRADUATE PROGRAMMES | HUMANITIES AND SOCIAL SCIENCES

BACHELOR IN LAW

The Faculty of Humanities and Social Sciences allows its students to prepare for their careers related to law (magistrate, lawyer, notary, public service, corporate lawyers, insurance or bank counsel, etc.).

The bachelor in Law allows students to acquire legal reasoning, knowledge and fundamental concepts from public to private law, and to learn to use the tools of legal documentation. The course of studies favors a progressive specialisation, which opens the possibility of continuing the training in a research or professional Master in one of the many fields of law.

Under an agreement between Université Paris Cité and Università degli Studi di Torino, a limited number of students enrolled in one of the two partner establishments and with a good level (B2 or more) in French and Italian can complete the third year of this bachelor in the partner University and thus obtain a degree from both institutions.

Through this programme, students also have the opportunity to discover other cultures, acquire the openness and flexibility essential to the advancement of a career in the professional world.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + 100% French at Université Paris Cité and 100% Italian at Università degli Studi di Torino

LENGTH OF STUDY

- + 3 years, full time

PARTNER

- + Università degli studi di Torino

COURSE LOCATION

- + 1st and 2nd year: Université Paris Cité, France
- + 3rd year: Università degli Studi di Torino, Italy

DEGREES AWARDED

- + Licence de Droit, Université Paris Cité
- + Laurea Triennale in Diritto per le Imprese e le Istituzioni Università degli Studi di Torino

ENTRY REQUIREMENTS

- + French Baccalaureate or equivalent. At the end of the second year, there is an application and interview to be selected for a mobility at University of Turin. Students must have succeeded the two first years at Université Paris Cité

LANGUAGE PRE-REQUISITES

- + Certified B2 in French and Italian

SKILLS AND COMPETENCIES DEVELOPED

- + Language skills in French and Italian
- + Ability to conduct analysis of national or international court decisions (judicial or administrative)
- + Understanding of legal texts (Constitution, laws, regulations, treaties, administrative acts ...) and contracts
- + Good knowledge of fundamental concepts of law
- + Ability to draft simple standardised legal acts
- + Ability to write comments and briefing notes as well as resolve legal case studies
- + Analytical skills

CONTACTS

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Pedagogical Coordinator
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MASTER IN FUNDAMENTAL PHYSICS

NANOTECHNOLOGIES AND QUANTUM DEVICES (NANOQUAD)

Nanotechnologies and Quantum Devices' is an international two-year master programme giving a high-level theoretical and experimental training on different types of quantum phenomena – with particular emphasis on quantum devices and nanotechnologies. In this research area, the boundaries between physics, chemistry, materials science and engineering, biomedicine and ICT engineering have become blurred.

The aim of the programme is to create a professional figure having the complementary competences of a modern quantum physicist and a physical engineer in the area of nanotechnology-based quantum devices. Students receive state of the art training in nanofabrication and nanocharacterising, thanks to the access to Politecnico labs (first year) and to Université Paris Cité cleanroom and the dedicated nanoscience teaching platform (second year). It also relies on the intervention of high-level scientists working in the domain of quantum devices.

The programme is jointly offered by Université Paris Cité and the Politecnico of Turin. It is completely taught in English. At the issue of the two-year programme, the succeeding students receive a double degree: the Italian Laurea Magistrale (Master degree) 'Nanotechnologies for ICTs' and the French Master Degree 'Dispositifs Quantiques'.

Thanks to this well-established network, students find many opportunities after graduation both in academics as well as in the industrial sector. After the master's degree, they can be directly employed as specialised scientists or engineers in High-Tech Industries, or start a PhD thesis work in outstanding public or private research laboratories.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION
+ English (100%)
LENGTH OF STUDY
+ 2 years, full time
PARTNER
+ Politecnico di Torino
COURSE LOCATION
+ 1 st year: Politecnico di Torino, Italy
+ 2 nd year: Université Paris Cité, France (including a 4 months internship)
DEGREES AWARDED
+ Master Physique fondamentale et applications parcours dispositifs quantiques, Université Paris Cité
+ Laurea Magistrale in Nanotechnologies for ICTs, Politecnico di Torino

ENTRY REQUIREMENTS

- + This course is addressed to students that have validated a bachelor in physics, materials science, engineering (with physics orientation) and to students of "Écoles supérieures" (Polytechnique, Écoles Normales...)

LANGUAGE PRE-REQUISITES

- + B2 level in English

SKILLS AND COMPETENCIES DEVELOPED

This training is twofold. It aims at preparing students to fundamental research in Physics research centers and training them to become skilled professionally. Students thereafter will be able to adjust and settle in research teams whether they are academic or industrial.

- + Experimental and theoretical knowledge in quantum physics (photonics, electronics, spintronics, nanomagnetism, 2D materials, nanomaterials, solid/physics, quantum information)
- + Capacity to carry out nanoscience projects (bibliography, training in clean rooms, measurements using the nanoscience platform, project outcomes presentation)
- + Ability to carry out a research project (end-of-year internship)

CONTACTS

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French Pedagogical Coordinator
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MASTER IN PHYSICS OF COMPLEX SYSTEMS METHODS AND MULTIDISCIPLINARY APPLICATIONS

The international Master « Physics of Complex Systems (i-PCS) » is a two-year French-Italian programme (M1 & M2), jointly operated by Universities Paris-Saclay, Sorbonne Université and Université Paris Cité, together with Politecnico di Torino, SISSA and ICTP in Trieste, Italy. It is possible to join the Physics of Complex System master at the M2 level.

The goal is to provide a state-of-the-art research-oriented education in fundamental physics. Complex systems are thereby studied with the tools of statistical physics at or out-of-equilibrium, field theory, stochastic processes, dynamical systems, non-linear physics, inference techniques and computational approaches. These systems encompass complex networks, active matter, the interface between social sciences and physics, soft matter, biological systems, complexity in the quantum realm, or questions raised in the context of « big data » and « machine learning ».

KEY FACTS

LANGUAGE(S) OF INSTRUCTION + English (100%)	DEGREES AWARDED + Master Sciences, Technologies, Santé, mention Physique Fondamentale et Sciences pour l'Ingénieur, spécialité Systèmes Complexes, Université Paris Cité + Laurea Magistrale degree in Fisica dei Sistemi Complessi (MSc in Physics of Complex Systems) Politecnico di Torino
LENGTH OF STUDY + 2 years, full time	ENTRY REQUIREMENTS + Bachelor degree in physics
PARTNERS + Politecnico di Torino, Scuola Internazionale Superiore di Studi Avanzati (SISSA), The Abdus Salam International Centre for Theoretical Physics (ICTP), Sorbonne Université, Université Paris Saclay	LANGUAGE PRE-REQUISITES + B2 level of English with IELTS 5.0
COURSE LOCATION + Semester 1: either Université Paris Cité, France, or SISSA, Italy + Semester 2: Politecnico di Torino, Italy + Semester 3: in Paris, France (courses divided between the following Universities) - Sorbonne Université - Université Paris Saclay - Université Paris Cité + Semester 4: European multidisciplinary Spring College and research placement	SKILLS AND COMPETENCIES DEVELOPED + Training in modern methods of study of complex systems + Fundamental and applied research

CONTACTS

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MASTER IN SILICO DRUG DESIGN (ISDD)

The Master's programme in In Silico Drug Design (ISDD) – Bioactive molecules, included in the Master's degree of Bioinformatics (UFR of Life Sciences), was created in response to growing demand from both the pharmaceutical industry and academia to train students in this rapidly expanding field in France and Europe. Interdisciplinary in nature, the ISDD Master's programme benefits from the collaboration of several universities, private companies, and international experts.

Oriented towards the modelling and design of small bioactive molecules, with a focus on chemoinformatics, molecular docking, artificial intelligence, and machine learning, the programme aims to provide comprehensive training in all aspects of drug discovery using in silico (computer-assisted) approaches.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

PARTNERS

- + Université de Strasbourg, Università degli Studi di Milano, Universidade NOVA de Lisboa, University of Ljubljana, Bar-Ilan University

COURSE LOCATION

- + Semester 1: Université de Strasbourg, France
- + Semester 2: Università degli Studi di Milano, Italy
- + Semester 3: Université Paris Cité, France
- + Semester 4: Placement

DEGREES AWARDED

- + Master Mention Bio-Informatique, Parcours : In Silico Drug Design – Bioactive Molecules, Université Paris Cité
- + Laurea Magistrale in Scienze Chimiche, Università degli Studi di Milano

ENTRY REQUIREMENTS

- + Bachelor degree or international equivalent in a variety of subjects including chemistry, biochemistry, bioinformatics, biology, biotechnology, or the health sector

LANGUAGE PRE-REQUISITES

- + B2 level of French and English

SKILLS AND COMPETENCIES DEVELOPED

- + In silico research training in the discovery of bioactive compounds, with preparation for further doctoral studies
- + Skills development in rational exploration of chemical space to support the discovery of bioactive molecules, by combining artificial intelligence, molecular dynamics and virtual screening approaches for predicting the impact of xenobiotics on human health
- + Career readiness, enabling graduates to participate in or lead in silico drug design projects within pharmaceutical and medicinal chemistry companies, as well as in organizations developing chemicals or specialized software

CONTACTS

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GRADUATE PROGRAMMES | SCIENCES

MASTER IN GENETICS

This high-quality Masters in Genetics aims to train scientific and medical students in multi-disciplinary approaches to life sciences (including human genetics, oncogenesis, epigenetics, genomics, population genetics, normal and pathological development, cell biology, neuroscience, etc.) using various genetic tools.

The course includes a 6-month research placement to be undertaken either in France or Italy; the thesis defense takes place in Paris and in Italy (for D.D. students).

KEY FACTS

LANGUAGE(S) OF INSTRUCTION + French (50%) and English (50%) (first year, M1) and English (100%) (second year, M2)	+ Specific Laurea Magistrale from one of the partners in Italy: • Laurea Magistrale in Biologia, Laurea Magistrale in Biotecnologie industriali, Laurea Magistrale in Biotecnologie Mediche, Università degli Studi di Milano-Bicocca • Laurea Magistrale in Biologia Molecolare, Università degli Studi di Padova • Laurea Magistrale in Genomica Funzionale, Università degli Studi di Trieste • Laurea Magistrale in Genetica e Biologia Molecolare, Sapienza Università di Roma
LENGTH OF STUDY + 2 years, full time	ENTRY REQUIREMENTS + Bachelor degree in a related field with components of genetics
PARTNERS + Università degli Studi di Milano-Bicocca, Università degli Studi di Padova, Università degli Studi di Trieste, Sapienza Università di Roma	LANGUAGE PRE-REQUISITES + B2 level of English, French and Italian
COURSE LOCATION + 1st year: Université Paris Cité, France + 2nd year: to choose between the following Italian Universities (either half a year or a whole year) - Università degli Studi di Milano-Bicocca, Italy, Università degli Studi di Padova, Italy, Università degli Studi di Trieste, Italy, Sapienza Università di Roma, Italy	SKILLS AND COMPETENCIES DEVELOPED + Scientific English + Critical analysis of scientific data + Oral presentations, group work, ability to write and conduct scientific projects + Preparation for the workplace with a 6 month placement in a laboratory
DEGREES AWARDED + Master Sciences, Technologie et Santé (STS) – mention "Génétique" Université Paris Cité	

CONTACTS

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Pedagogical Coordinator
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FRENCH-GERMAN MASTER IN GEOPHYSICS (DMG)

The French-German Master in Geophysics is a two-year program designed for students with a solid background in physics and mathematics and a keen interest in geosciences. This program allows them to build a personalized, original, and specialized profile by taking advantage of courses offered at two complementary sites: the Université Paris Cité – Institut de Physique du Globe de Paris (UPCité-IPGP) in France and the Technische Universität Bergakademie Freiberg (TUBAF) in Germany.

Students have the opportunity to spend a year at the partner university and benefit from the comprehensive geoscience orientation of the UPC-IPGP as well as expertise in the field of geoelectromagnetism and the pedagogical mine at TUBAF, which is unique in Europe. The program is taught in English, intercultural events are organized and a joint summer school promotes cultural exchange. The practice-oriented training teaches geophysical methods in the field and in the laboratory, numerical modeling, and data interpretation.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + M1: At UPCité-IPGP French (50%), English (50%).
At TUBAF German (50%), English (50%).
- + M2 : English (100%)

LENGTH OF STUDY

- + 2 years, full time

PARTNERS

- + Technische Universität Bergakademie Freiberg (TUBAF)

COURSE LOCATION

- + Université Paris Cité, France
- + Technische Universität Bergakademie Freiberg

DEGREES AWARDED:

- + Université Paris Cité, France : Sciences de la Terre et des planètes, environnement – International Master in Solid Earth Sciences (IMSES)
- + TUBAF : Master of Science (M. Sc.) Geophysik

ENTRY REQUIREMENTS

- + Bachelor degree in a related field with components of geosciences

LANGUAGE PRE-REQUISITES

- + Good level in English, minimum B2

SKILLS AND COMPETENCIES DEVELOPED

- + Graduates are perfectly prepared to pursue a doctorate or take on positions of responsibility in companies and environmental organizations in Germany, France, and internationally.

CONTACTS

Administrative Contact

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Pedagogical Coordinator

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GRADUATE PROGRAMMES | HUMANITIES AND SOCIAL SCIENCES

MASTER IN HISTORY, CIVILISATIONS, HERITAGE

Under the supervision of the Franco-Italian University, an integrated Franco-Italian history programme leads to a Master's degree in Historical Sciences ('Scienze storiche') from the University of Bologna, Faculty of Arts and Philosophy (Scienze storiche e orientalistiche – Laurea Magistrale – Bologna), and the Master's Degree in Research with a specialisation in 'History, Civilisations, Heritage'. Students spend the first year of their Master's degree in their respective countries and the second year in the partner country.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION
+ 100% French at Université Paris Cité and 100% Italian at Università di Bologna
LENGTH OF STUDY
+ 2 years, full time
PARTNER
+ Università di Bologna
COURSE LOCATION
+ Université Paris Cité, France
+ Università di Bologna, Italy
DEGREES AWARDED
+ Master Ville, Architecture, Patrimoine, Université Paris Cité
+ Laurea Magistrale Scienze storiche, Università di Bologna
ENTRY REQUIREMENTS
+ You cannot enrol from the second year onwards
LANGUAGE PRE-REQUISITES
+ French: B2+
+ Italian: B2

SKILLS AND COMPETENCIES DEVELOPED

Students participating in the programme will take part in educational activities at both universities with the aim of acquiring skills related to critical understanding of historical processes and interactions between different societies, economies and cultures. Learning documentary analysis techniques and qualitative and quantitative research methods in an international and multidisciplinary context is also one of the programme's strengths.

CONTACTS

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MASTER IN HISTORY, CIVILISATIONS, HERITAGE CITIES, ARCHITECTURE, HERITAGE

The Master in History, Civilisation, Heritage is a unique course aimed at students who seek to build a solid skill basis in historical research methods based on the internationalisation of the fields of study and innovative approaches. The course is led in connection with two important international research centers.

The 1st year of the programme is a common path for all student of the Master in History, Civilisations, Heritage. In the 2nd year, students get to choose between 4 paths, 3 of them being international ones. The speciality in Cities, Architecture and Heritage is one of those international paths. Students following this degree spend two semesters at Università di Bologna. In order to encourage an effective integration to each other's culture, the exchange students meet before studying abroad. This enables students to discuss their research projects, strengthen their language skills as well as prepare for their stay abroad.

In addition to the regular follow-up of the French and Italian research directors, students are assigned a personal tutor in both Universities to support them with procedures and to answer questions.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + 100% French at Université Paris Cité and 100% Italian at Università di Bologna

LENGTH OF STUDY

- + 2 years, full time

PARTNER

- + Università di Bologna

COURSE LOCATION

- + 1st year: Université Paris Cité, France
- + 2nd year: Università di Bologna, Italy

DEGREES AWARDED

- + Master Ville, Architecture, Patrimoine, Université Paris Cité
- + Laurea Magistrale in Archeologia e culture del mondo antico, Università di Bologna

ENTRY REQUIREMENTS

- + Bachelor degree in either History or Social Sciences

LANGUAGE PRE-REQUISITES

- + French: B2+
- + Italian: B2

SKILLS AND COMPETENCIES DEVELOPED

- + Literature search, archive work in both language of instruction
- + Oral and written communication in French and Italian/German
- + Preparation to the international workplace
- + Computer skills
- + Theoretical knowledge and practices in the field of heritage, archaeology, museology

CONTACTS

Administrative contact

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Pedagogical Coordinator

Ms. Laurence GILLOT

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MASTER IN HISTORY, CIVILISATIONS, HERITAGE AFRICAN, AMERICAN, ASIAN AND MIDDLE EAST WORLDS: SOCIETIES, CHALLENGES, ORIGINS

The Master in Comparative History and Civilisation is a unique course aimed at students who seek to build a solid skill basis in historical research methods based on the internationalisation of the fields of study and innovative approaches. The course is led in connection with three important research centers.

It aims at analysing the transnational and globalisation phenomenon. It offers to study the history of non-European societies from their own point of view and logic. This Master strives both for understanding the dynamics by which these societies construct their spaces of autonomy in complex environments and for understanding the different mechanisms of domination, thus highlighting the specificities of the various political constructions and societies in Africa, Latin America, Asia and the Middle East.

This programme is available as a joint degree with Japan.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION: DEPENDING ON THE CHOSEN PATH	ENTRY REQUIREMENTS
+ French, English and Japanese	+ Bachelor degree in either History or Social Sciences
LENGTH OF STUDY	LANGUAGE PRE-REQUISITES
+ 2 years	+ French: B2
PARTNERS	+ Depending on the chosen path: German: B2 / Italian: B2 / English: TOEFL PBT 550; IBT 79; IELTS 6.0 / Japanese: JLPT level 3
+ Kobe University	
COURSE LOCATION	SKILLS AND COMPETENCIES DEVELOPED
+ Université Paris Cité, France	+ Skills in one of the three languages of instructions of the partner universities
+ University of Kobe, Japan	+ Ability to teach, create or participate in the elaboration of lessons plans and publish fundamental research or participate in the elaboration of research programmes
DEGREES AWARDED	+ Strong written and verbal communication skills including public speaking
+ Master Recherche mention Histoire, Civilisations, Patrimoine, parcours « Mondes africains, américains, asiatiques et moyen-orientaux : sources, sociétés, enjeux »	+ Critical analysis
+ Master of Arts, Kobe University	+ Archiving (organising and classifying set of documents and data)
+ One of the three following degree:	+ Preparation for the international workplace
• Laurea Magistrale "Scienze Storiche e orientalistiche", Università di Bologna	
• Master of Arts (M.A.) in History/Geschichtswissenschaft, Universität Bielefeld	
• Master of Arts, Kobe University	

CONTACTS

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Pedagogical Coordinator - Bielefeld path

Mrs. Nathalie KOUAME
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JOINT MASTER OF ARTS IN EUROPEAN HISTORY

This international Master's programme gathers eleven prestigious European Universities from ten European capitals, enabling students to graduate with a joint or double degree after having studied abroad in Universities of the consortium.

This programme is particularly suited to students interested in pursuing an internationally mobile career. The programme focuses on comparative analysis of European and Atlantic History that brings together historians from France, Europe and the Americas (from Antiquity to the contemporary era) as well as "civilisationists" from the English, German and Spanish speaking area. It will help strengthen European mobility, knowledge of foreign languages, and offer the opportunity to gain intercultural experiences.

This diverse programme focuses on the comparative analysis of European and Atlantic history. Students will have the opportunity to investigate a large array of historical topics, including: Social and Economic History of Europe, Urbanisation and Industrialisation; Cultural History, History of Religions, History of Science; Political History of Government, Violence, and Conflicts; Colonialism and Post-Colonialism; Imperial Histories and Nation-Building; Migration, International and Transcultural Relations.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + 100% French at Université Paris Cité and 100% English in partner universities

LENGTH OF STUDY

- + 2 years, full time

PARTNERS

- + Humboldt Universität, University College Dublin, Università Roma Tre, Università di Roma Tor Vergata, Universität Wien, Tallinn University, Universidad Complutense de Madrid, University of Sarajevo, University of Belgrade, Universidad Nova de Lisboa, Portugal, University of Oslo, Norway

COURSE LOCATION

- + 2 semesters at Université Paris Cité, France
- + 2 semesters in two of the following partner Universities: Humboldt Universität zu Berlin, Germany / University College Dublin, Ireland / Università Roma Tre, Italy / Università di Roma Tor Vergata, Italy / Universität Wien, Austria / Tallinn University, Estonia / University Complutense Madrid, Spain / University of Sarajevo, Bosnia Herzegovina / University of Belgrade, Serbia / Universidad Nova de Lisboa, Portugal / University of Oslo, Norway
- + Annual Spring Summer School (3 days) at one of the partner Universities

DEGREES AWARDED

Students can choose between the following options:

- + Joint Degree: The student receives a single degree certificate jointly issued and signed by the awarding institutions. To obtain a Joint Degree, the student must complete at least 30 ECTS credits at a full member partner university and the master's thesis must be supervised by faculty members of the home university and of the partner university.

- + Double Degree : The student receives a separate degree certificate from each of the participating full member institutions they attended. The student must complete at least 30 ECTS credits at a full member partner university and their master's thesis must be graded by two supervisors from two different partner universities. The student will defend their thesis at the partner university as well as at their home university. If one of the partner universities attended is one of the following, the award will be a Double Degree: Université Paris Cité, University Roma Tre, or University of Rome Tor Vergata.

ENTRY REQUIREMENTS

- + Bachelor degree in either History or Social Sciences

LANGUAGE PRE-REQUISITES

- + Certified B2 in French / C1 in English

SKILLS AND COMPETENCIES DEVELOPED

- + Skills in one or several foreign languages of the consortium including English
- + Specific methodological skills (ancient languages, paleography, gender studies, visual culture, international relations)
- + Capacity to understand and address historical problems comparatively
- + Ability to identify current issues in historiographical debates and present conclusions independently, using a rigorous methodology
- + Analytical skills

CONTACTS

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Pedagogical Coordinator

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GRADUATE PROGRAMMES | HUMANITIES AND SOCIAL SCIENCES

JOINT MASTER'S PROGRAMME IN ENGLISH AND AMERICAN STUDIES

The English-taught Joint Master Degree is a full time programme which is completed over 2 years with a total a 120 ECTS credits offered by 6 partner universities. The universities of the consortium work together to provide a high quality international curriculum, which also include regional aspects.

The programme offers specialised academic training in English and American Studies focusing on three core areas of literature, linguistics and cultural studies.

Students may wish to pursue an academic career by continuing in a PhD programme.

Professional fields in the public and private sector include: education, archive and library services, diplomatic service, publishing, cultural organisations, international co-operation, translating, mass communication, advertising, tourism and public relations, or language oriented professions.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

PARTNERS

- + Otto-Friedrich-Universität Bamberg, Karl-Franzens-Universität, City College of The City University of New York, Jagiellonian University, University of Graz, Austria, Ca' Foscari University of Venice, Universidad Autònoma de Barcelona

COURSE LOCATION

- + Université Paris Cité, France with one compulsory semester abroad in 2nd year in one of the universities below:
 - Otto-Friedrich University, Germany
 - Karl-Franzens University, Austria
 - City College of New York, United States
 - Jagiellonian University, Poland
 - University of Graz, Austria
 - Ca' Foscari University, Italy
 - Universitat Autònoma de Barcelona, Spain

DEGREES AWARDED:

- + Master Études Anglophones, Université Paris Cité
- + Joint Master's in English and American Studies, awarded by the Consortium

ENTRY REQUIREMENTS

- + Bachelor degree or international degree in a relevant field of study

LANGUAGE PRE-REQUISITES

- + Excellent level in English (Cambridge CAE - PASS / Michigan ECPE - PASS / Trinity ISE 3 - PASS / Pearson PTE Academic - MINIMUM SCORE 76 / IELTS - MINIMUM OVERALL SCORE 7 / TOEFL Internet-based test - MINIMUM SCORE 98)

SKILLS AND COMPETENCIES DEVELOPED

- + Critical thinking on English and American studies from a European perspective
- + Specialisation in arts and cultures of Anglophone countries
- + Training in research and teaching of the culture, language and linguistics of English speaking countries

CONTACTS

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PROGRAMMES TAUGHT IN ENGLISH



MASTER FRONTIERS IN CHEMISTRY

The "Frontiers in Chemistry" master's program at Université Paris Cité in Paris aims to train researchers and engineers specializing in chemistry, able to work at the interface with biology, physics and numerical sciences. This is an international program bringing together students from French and foreign universities. The master's program is supported by high-level research laboratories with international reputation and network.

This program offers a solid training in both the fundamental discipline of chemistry and its interfaces, to prepare the students for the challenges of today and tomorrow in 4 target sectors: energy, health, biotechnologies and numerical chemistry.

The main objective of the first year is to provide students with a strong background in chemistry. During the first semester, a common core enables them to consolidate their undergraduate skills, and to develop the soft skills that will enable them to evolve in their future professional environment. During the first semester, the students can choose between two tracks: molecular chemistry or physical chemistry, along with two options. From the second semester onwards, the students specialize in 4 possible itineraries: Chemistry for Energies (ChemEnergies), Molecular Chemistry for Health (ChemHealth), Chemistry for biotechnologies (ChemBiotech), Numerical Chemistry and Artificial Intelligence (NumChem).

In the second year, students continue their specialization in their chosen itinerary. Their training is accompanied by concrete projects that introduce them to the conception and writing of research proposals. The program offers two internships: a short internship at the end of the first year and a 6-month long internship at the end of the second year. The students can carry out these internships in an academic or industrial laboratory, in France or abroad. Scholarships are available to facilitate international mobility.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Master Frontiers in Chemistry

ENTRY REQUIREMENTS

- + Having obtained or being in the process of validating a Licence 3 or a Bachelor's degree. Students may enter directly the 2nd year of the programme under certain condition listed on the programme website

LANGUAGE PRE-REQUISITES

- + Certified B2 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + Strong fundamental background in chemistry
- + Openness to multi-disciplinary approaches, team effort, link with the world of research
- + Autonomy enabling to evolve, work and communicate in an international scientific context

CONTACTS

Administrative Coordinator

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Co-chair of the Master's programme

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Co-chair of the Master's programme

Pr. Aurélie PERRIER

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MASTER IN BIOINFORMATICS, IN SILICO DRUG DESIGN MODELING OF MACROMOLECULES

The Master's programme in In Silico Drug Design (ISDD) – Modeling of macromolecules, included in the Master's degree of Bioinformatics (UFR of Life Sciences), was created in response to growing demand from both the pharmaceutical industry and academia to train students in this rapidly expanding field in France and Europe. Interdisciplinary in nature, the ISDD Master's programme benefits from the collaboration of several universities, private companies, and international experts.

Oriented towards the modelling and design of macromolecules, with a focus on molecular docking, molecular dynamics, artificial intelligence, and deep learning, the programme aims to provide comprehensive training in all aspects of drug discovery using in silico (computer-assisted) approaches.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + Year 1: English-French (20%-80%)
- + Year 2: English-French (80%-20%)

LENGTH OF STUDY

- + 2 years, full time

COURSE LOCATION

- + Semester 1: Université Paris Cité, Paris, France
- + Semester 2: Université Paris Cité, Paris, France (or Università degli Studi di Milano, Milan, Italy, in case of undertaking an exchange semester)
- + Semester 3: Université Paris Cité, Paris, France
- + Semester 4: Location depending on the internship

DEGREES AWARDED:

- + Master Mention Bio-Informatique, Parcours : In Silico Drug Design – Modeling of Macromolecules, Université Paris Cité

ENTRY REQUIREMENTS

- + Bachelor degree or international equivalent in a variety of subjects including chemistry, biochemistry, bioinformatics, biology, biotechnology, or the health sector

LANGUAGE PRE-REQUISITES

- + Certified B2 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + In silico research training in the modeling of macromolecules, with preparation for further doctoral studies.
- + Skills development in rational exploration of macromolecular targets, by combining artificial intelligence, deep learning, molecular docking, molecular dynamics and virtual screening approaches.
- + Career readiness, enabling graduates to participate in or lead in silico drug design projects within pharmaceutical and medicinal chemistry companies, as well as in organizations developing specialized software.

CONTACTS

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Pedagogical Coordinator

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UNDERGRADUATE PROGRAMMES | SCIENCES

MASTER IN BIOMEDICAL ENGINEERING – BME – PARIS BIOIMAGING (BIM) TRACK

The BioMedical Engineering (BME-Paris) Master provides a 2-year education program in the field of bioengineering, at the crossroad of biomedical and engineering sciences. The common M1 (year 1) program is designed to strengthen and broaden students' skills in engineering, digital sciences, and biomedical disciplines, addressing contemporary health challenges. Year 1 provides essential fundamental and practical knowledge, equipping students with an interdisciplinary background before they can choose among 4 specialized tracks in the second year (M2).

The M2 BME-Paris BioImaging (BIM) is an exciting and growing field overlapping the interfaces of engineering, mathematics and computer science, as well as chemistry, physics, life science, and medicine. The main goal of bioimaging is to improve human health by using imaging modalities to advance diagnosis, treatment, and prevention of human diseases.

During the M1, students pursue a compulsory 2-4 month work placement. During the M2, they pursue a compulsory 5-month work placement in an academic, hospital or industrial research laboratory.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

PARTNERS

- + **Ecole Nationale Supérieure d'Arts et Métiers (ENSAM) - Institute of Technology**
- + **Telecom Paris**

COURSE LOCATION

- + Université Paris Cité, Paris, France
- + École Nationale Supérieure d'Arts et Métiers (ENSAM), Paris, France

DEGREES AWARDED

- + Master in Biomedical Engineering

ENTRY REQUIREMENTS

- + First year (M1):
Hold or be completing a 3-4 year science-related Bachelor's or Licence degree (fields such as life and health sciences, engineering, chemistry, physics, mechanics, mathematics, computer science, and other health-related fields)
Be a physiotherapist or 4th-year physiotherapy student
- + Second year (M2):
Hold or be completing a Master 1 (240 ECTS), full Master's,

or be in the 3rd year of an engineering school

Be in the 2nd year of a partner engineering school

(e.g. Arts et Métiers, Mines ParisTech) for a double degree

Be a resident or graduate in medicine, pharmacy, or dentistry (MD, Pharm.D, DDS, DMD)

Physiotherapists: complete – only with additional research training

Holding at least 240 ECTS in relevant fields

LANGUAGE PRE-REQUISITES

- + English – C1 (certified: TOEIC, TOEFL, etc.)

SKILLS AND COMPETENCIES DEVELOPED

- + Application of physics, chemistry, and computing to medical imaging
- + Understanding of imaging techniques for diagnosis and treatment
- + Expertise in image acquisition, processing, and quantification
- + Knowledge of molecular, functional, and optical imaging
- + Competence in machine learning for imaging data
- + Ethical research and project management skills
- + Experimental analysis and interpretation
- + Mastery of imaging tools and technologies
- + Preparation for careers in research and industrial R&D

CONTACTS

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MASTER IN BIOMEDICAL ENGINEERING – BME-PARIS

MOLECULAR AND CELLULAR BIOTHERAPIES (MCB) TRACK

The BioMedical Engineering (BME-Paris) Master provides a 2-year education program in the field of bioengineering, at the crossroad of biomedical and engineering sciences. The common M1 (year 1) program is designed to strengthen and broaden students' skills in engineering, digital sciences, and biomedical disciplines, addressing contemporary health challenges. Year 1 provides essential fundamental and practical knowledge, equipping students with an interdisciplinary background before they can choose among 4 specialized tracks in the second year (M2).

The M2 BME-Paris Molecular & Cellular Biotherapies (MCB) track offers in-depth training in cell and gene therapies, tissue engineering, and regenerative medicine. Combining lectures, lab work, and case studies, it covers key topics like stem cell biology, immunology, and bioengineering. Students also gain insight into clinical applications and regulatory frameworks, preparing them for careers in research, biotech, and the biopharmaceutical industry. The MCB track positions graduates at the forefront of advanced therapeutic innovations.

During the M1, students pursue a compulsory 2-4 month work placement. During the M2, they pursue a compulsory 5-month work placement in an academic, hospital or industrial research laboratory.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years full time

PARTNER

- + Ecole Nationale Supérieure d'Arts et Métiers (ENSAM) - Institute of Technology

COURSE LOCATION

- + Université Paris Cité, Paris, France

DEGREES AWARDED:

- + Master in Biomedical Engineering

ENTRY REQUIREMENTS

- + First year (M1):
Hold or be completing a 3-4 year science-related Bachelor's or Licence degree (fields such as life and health sciences, engineering, chemistry, physics, mechanics, mathematics, computer science, and other health-related fields)
Be a physiotherapist or 4th-year physiotherapy student
- + Second year (M2):
Hold or be completing a Master 1 (240 ECTS), full Master's, or be in the 3rd year of an engineering school
Be in the 2nd year of a partner engineering school (e.g. Arts

et Métiers, Mines ParisTech) for a double degree

Be a resident or graduate in medicine, pharmacy, or dentistry (MD, Pharm.D, DDS, DMD)

Physiotherapists: complete – only with additional research training

Holding at least 240 ECTS in relevant fields

LANGUAGE PRE-REQUISITES

- + English – C1 (certified: TOEIC, TOEFL, etc.)

SKILLS AND COMPETENCIES DEVELOPED

- + Interdisciplinary foundation in engineering, biomedical, and digital sciences
- + Quantitative and ethical scientific research skills
- + Project design, data analysis, and use of advanced tools
- + Knowledge of cell/gene therapies, stem cells, and immunology
- + Expertise in gene transfer, tissue engineering, and bioengineering
- + Understanding of clinical applications and regulatory frameworks
- + Ability to translate research into clinical and industrial settings
- + Career readiness for academia, biopharma, and biotech in advanced therapies

CONTACTS

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UNDERGRADUATE PROGRAMMES | SCIENCES

MASTER IN BIOMEDICAL ENGINEERING – BME-PARIS NEUROTECHNOLOGIES (NEUROTECH) TRACK

The BioMedical Engineering (BME-Paris) Master provides a 2-year education program in the field of bioengineering, at the crossroad of biomedical and engineering sciences. The common M1 (year 1) program is designed to strengthen and broaden students' skills in engineering, digital sciences, and biomedical disciplines, addressing contemporary health challenges. Year 1 provides essential fundamental and practical knowledge, equipping students with an interdisciplinary background before they can choose among 4 specialized tracks in the second year (M2).

The M2 BME-Paris NeuroTechnologies (NeuroTech) track trains students in neuronal engineering for careers in research, healthcare, and industry. It bridges engineering, biomedical, and health science backgrounds, equipping students with knowledge of brain function, neurological disorders, and neural technologies. The curriculum includes core courses in neuroscience, neuroengineering, and mental health, along with seminars, ethics workshops, and innovation projects. Electives offer specialization in neuroimaging, motor control, or digital tools. A research internship and training on ethical and industrial topics complete the program. Graduates are prepared for roles in academia, clinical research, tech development, and biomedical innovation.

During the M1, students pursue a compulsory 2-4 month work placement. During the M2, they pursue a compulsory 5-month work placement in an academic, hospital or industrial research laboratory.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years full time

PARTNERS

- + Ecole Nationale Supérieure d'Arts et Métiers (ENSAM) - Institute of Technology

COURSE LOCATION

- + Université Paris Cité, Paris, France
- + École Nationale Supérieure d'Arts et Métiers (ENSAM), Paris, France

DEGREES AWARDED

- + Master's in Biomedical Engineering – Neurotechnology

ENTRY REQUIREMENTS

- + First year (M1):
Hold or be completing a 3–4 year science-related Bachelor's or Licence degree (fields such as life and health sciences, engineering, chemistry, physics, mechanics, mathematics, computer science, and other health-related fields)
Be a physiotherapist or 4th-year physiotherapy student
- + Second year (M2):
Hold or be completing a Master 1 (240 ECTS), full Master's, or be in the 3rd year of an engineering school

Be in the 2nd year of a partner engineering school (e.g. Arts et Métiers, Mines ParisTech) for a double degree
Be a resident or graduate in medicine, pharmacy, or dentistry (MD, Pharm.D, DDS, DMD)
Physiotherapists: complete – only with additional research training
Holding at least 240 ECTS in relevant fields

LANGUAGE PRE-REQUISITES

- + English – C1 (certified: TOEIC, TOEFL, etc.)

SKILLS AND COMPETENCIES DEVELOPED

- + Interdisciplinary grounding in engineering, digital sciences, and biomedicine
- + Application of quantitative skills to neuroscience and neurotechnology
- + Understanding of brain function and neurological disorders
- + Proficiency with neural engineering tools and technologies
- + Specialized training in neurotech for health and clinical applications
- + Knowledge of scientific ethics and responsible research
- + Project design, implementation, and evaluation skills
- + Experimental analysis and interpretation abilities
- + Mastery of scientific tools and methods

CONTACTS

Administrative contact

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Pedagogical Coordinators

Mr. Samuel BOTTANI
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MASTER IN BIOMEDICAL ENGINEERING – BME-PARIS

BIOMECHANICS (BIOMECH) TRACK

The BioMedical Engineering (BME-Paris) Master provides a 2-year education program in the field of bioengineering, at the crossroad of biomedical and engineering sciences. The common M1 (year 1) program is designed to strengthen and broaden students' skills in engineering, digital sciences, and biomedical disciplines, addressing contemporary health challenges. Year 1 provides essential fundamental and practical knowledge, equipping students with an interdisciplinary background before they can choose among 4 specialized tracks in the second year (M2).

The M2 BME-Paris BioMechanics (BioMECH) track provides advanced training in applying mechanical principles to biomedical challenges. Combining lectures, projects, and expert talks, it offers a multidisciplinary and translational approach—from modeling to clinical applications. In close collaboration with clinicians, students gain the skills to conduct innovative, ethical research and contribute to R&D at the intersection of mechanics, materials, and healthcare. Additionally, students choose one of two specialized subtracks:

- + Engineering Science (EngSci)
- + Health Science (HealthSci).

During the M1, students pursue a compulsory 2-4 month work placement. During the M2, they pursue a compulsory 5-month work placement in an academic, hospital or industrial research laboratory.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years full time
- + Second year (M2): HealthSci subtrack: part-time, flexible program for clinicians, which can be completed over one or two years

PARTNER

- + Ecole Nationale Supérieure d'Arts et Métiers (ENSAM) - Institute of Technology
- + Telecom Paris

COURSE LOCATION

- + École Nationale Supérieure d'Arts et Métiers (ENSAM), Paris, France

DEGREES AWARDED

- + Master's in In Biomedical Engineering

ENTRY REQUIREMENTS

- + First year (M1):
Hold or be completing a 3–4 year science-related Bachelor's or Licence degree (fields such as life and health sciences, engineering, chemistry, physics, mechanics, mathematics, computer science, and other health-related fields)
Be a physiotherapist or 4th-year physiotherapy student
- + Second year (M2):

Hold or be completing a Master 1 (240 ECTS), full Master's, or be in the 3rd year of an engineering school
Be in the 2nd year of a partner engineering school (e.g. Arts et Métiers, Mines ParisTech) for a double degree
Be a resident or graduate in medicine, pharmacy, or dentistry (MD, Pharm.D, DDS, DMD)
Physiotherapists: complete – only with additional research training
Holding at least 240 ECTS in relevant fields

LANGUAGE PRE-REQUISITES

- + English – C1 (certified: TOEIC, TOEFL, etc.)

SKILLS AND COMPETENCIES DEVELOPED

- + Interdisciplinary grounding in engineering, biomedical, and digital sciences
- + Quantitative methods applied to health and clinical challenges
- + Ethical, responsible research and risk assessment
- + Design, management, and analysis of scientific projects
- + Proficiency with advanced tools, modeling, and data interpretation
- + Mechanical modeling of biological systems and tissues
- + Finite element analysis (linear and non-linear)
- + Experimental biomechanics and motion analysis
- + Development of wearables and assistive robotics
- + Cross-disciplinary collaboration and clinical translation

CONTACTS

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Pedagogical Coordinators

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MASTER IN COGNITIVE SCIENCE COGNITIVE NEUROSCIENCE (NEURO)

In addition to the master's core curriculum, students acquire a solid grasp of concepts and methods in experimental psychology and neuropsychology, which are essential for human experimentation in cognitive neuroscience. They also gain hands-on experience with a wide range of neuroscience techniques –from electrophysiology and neuroimaging to optogenetics, calcium imaging, and computational modeling– providing direct access to the neural mechanisms underlying cognition. While the curriculum includes a strong focus on human cognition, it also integrates systems-level and circuit-level approaches using animal models to explore causal relationships between brain activity and behavior. Beyond mastering these experimental methods, students are exposed to a broad spectrum of cognitive functions (e.g., perception, attention, memory, decision-making, consciousness, social and emotional processing) in their normal, pathological, and developmental dimensions. On completion of this program, students will be able to critically evaluate the scientific literature, design mechanistic experiments, collect and analyze behavioral and neurophysiological data across species, and communicate their results through scientific articles and presentations.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 1 year for the M1, 1 year for the M2, full time

PARTNERS

- + Sorbonne Université (Paris, France)

COURSE LOCATION

- + Most teaching takes place in the center of Paris, at Université Paris Cité and Sorbonne Université, within walking distance

DEGREES AWARDED

- + Master Neurosciences Cognitives / Cognitive Neuroscience

ENTRY REQUIREMENTS

- + Excellent level in mathematics, quantum physics as well as statistical physics

LANGUAGE PRE-REQUISITES

- + C1 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + Provide students with the knowledge and tools required in Cognitive Science
- + Foster a fruitful collaborative spirit between students
- + Respect scientific ethics
- + Design and develop scientific projects
- + Implement a project, define the objectives and context, carry out and evaluate the action
- + Conduct and develop scientific and technical projects
- + Analyze and interpret the results of scientific experiments
- + Master specific methods and tools
- + Use information and communication technologies
- + Conduct information research, identify access modes, analyze relevance, explain and transmit Scientific communication in English
- + Teamwork: integrating, positioning and collaborating
- + Integrate into a professional environment: identify your skills and communicate them

CONTACT

Administrative contact

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MASTER IN COGNITIVE SCIENCE COMPUTATIONAL LINGUISTICS AND ARTIFICIAL INTELLIGENCE (LING)

The Computational Linguistics and Artificial Intelligence (LING) track provides comprehensive training in the models and methods of natural language processing, from the linguistic and mathematical foundations of deep neural networks to the applications of large language models for information access, dialog systems, and machine translation. Its position within the cog-SUP Master's program in Cognitive Science, offers a unique gateway to computational psycholinguistics and neurolinguistics, allowing exploration of the interfaces between language, perception, memory and action, with applications in robotics and human-machine interaction. At the end of their training, students will have a thorough understanding of the concepts, methods and techniques of natural language processing and artificial intelligence, and their implementation in advanced language information processing systems. Students who graduate from this program are likely to take up positions in artificial intelligence research and development teams in the public or private sector (from large international corporations to SMEs and start-ups) and also in data driven linguistics. Their education will prepare them to work effectively in highly multidisciplinary environments.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 1 year for the M1, 1 year for the M2, full time

PARTNERS

- + Sorbonne Université (Paris, France)

COURSE LOCATION

- + Most teaching takes place in the center of Paris, at Université Paris Cité and Sorbonne Université, within walking distance

DEGREES AWARDED:

- + Master Linguistiques Computationnelles et Intelligence Artificielle / Computational Linguistics and Artificial Intelligence

ENTRY REQUIREMENTS

- + M1: having obtained or being in the process of validating an undergraduate diploma in one of the foundational disciplines of cognitive science, coherent with LING: Biology, Mathematics, Physics, Computer Science, Linguistics...
- + M2: having obtained an equivalent to M1 level within a related field or an engineering curriculum

LANGUAGE PRE-REQUISITES

- + C1 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + Provide students with the knowledge and tools required in Cognitive Science
- + Foster a fruitful collaborative spirit between students
- + Respect scientific ethics
- + Design and develop scientific projects
- + Implement a project, define the objectives and context, carry out and evaluate the action
- + Conduct and develop scientific and technical projects
- + Analyze and interpret the results of scientific experiments
- + Master specific methods and tools
- + Use information and communication technologies
- + Conduct information research, identify access modes, analyze relevance, explain and transmit Scientific communication in English
- + Teamwork: integrating, positioning and collaborating
- + Integrate into a professional environment: identify your skills and communicate them

CONTACT

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MASTER IN COGNITIVE SCIENCE COMPUTATIONAL NEUROSCIENCE AND ARTIFICIAL INTELLIGENCE (NCIA)

The Computational Neuroscience and Artificial Intelligence (NCIA) program provides comprehensive interdisciplinary training at the intersection of cognitive sciences, computational neuroscience, and artificial intelligence. By combining rigorous theoretical approaches and advanced digital tools, this program aims to develop experts capable of modeling and analyzing the natural and artificial mechanisms of cognition.

This program is designed for students with a dual skill set or strong interest in complementary disciplines. Ideal profiles include: students in mathematics, physics, computer science or engineering with an interest for neuroscience, psychology or biology, or conversely, students in neurosciences, psychology or biology with training in mathematical and computational tools. Graduates of the NCIA program will be equipped for diverse careers in: academic and applied research (computational neuroscience, AI, cognition), tech industries (AI, data processing, digital health) and as experts in technology and data ethics.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION
+ English (100%)
LENGTH OF STUDY
+ 1 year for the M1, 1 year for the M2, full time
PARTNERS
+ Sorbonne Université (Paris, France)
COURSE LOCATION
+ Most teaching takes place in the center of Paris, at Université Paris Cité and Sorbonne Université, within walking distance
DEGREES AWARDED:
+ Master Neurosciences Computationnelles et Intelligence Artificielle / Computational Neuroscience and Artificial Intelligence
ENTRY REQUIREMENTS
+ M1: having obtained or being in the process of validating an undergraduate diploma in one of the foundational disciplines of cognitive science, coherent with NCIA: Biology, Mathematics, Physics, Computer Science...
+ M2: having obtained an equivalent to M1 level within a related field or an engineering curriculum or a medicine curriculum

LANGUAGE PRE-REQUISITES

- + C1 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + Provide students with the knowledge and tools required in Cognitive Science
- + Foster a fruitful collaborative spirit between students
- + Respect scientific ethics
- + Design and develop scientific projects
- + Implement a project, define the objectives and context, carry out and evaluate the action
- + Conduct and develop scientific and technical projects
- + Analyze and interpret the results of scientific experiments
- + Master specific methods and tools
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- + Conduct information research, identify access modes, analyze relevance, explain and transmit Scientific communication in English
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CONTACT

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MASTER IN COGNITIVE SCIENCE PHILOSOPHY (PHILO)

The philosophy (PHILO) track proposes a balanced program, based on solid disciplinary foundations (in ethics, logic, epistemology, philosophy of cognitive science, philosophy of biology), while also providing cutting-edge knowledge in the main fields of cognitive science (automatic language processing, cognitive psychology, cognitive neuroscience, computational neuroscience and AI). In addition to content-based courses, we offer the opportunity to acquire skills in data processing (data camp, programming), experimental methods and neuroimaging. Our students can complete a laboratory internship if they wish to carry out an interdisciplinary project with an experimental aspect, or write a philosophical dissertation, in both their first and second years.

Graduates of this program can pursue a doctorate in cognitive science, philosophy of mind, epistemology, philosophy of science, or move into the many careers where the argumentative and experimental skills we impart are valued.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 1 year for the M1, 1 year for the M2, full time

PARTNERS

- + Sorbonne Université (Paris, France)

COURSE LOCATION

- + Most teaching takes place in the center of Paris, at Université Paris Cité and Sorbonne Université, within walking distance

DEGREES AWARDED:

- + Master Sciences cognitives / Cognitive Sciences – Philosophie / Philosophy

ENTRY REQUIREMENTS

- + M1: having obtained or being in the process of validating an undergraduate diploma in one of the foundational disciplines of cognitive science, coherent with PHILO: philosophy, mathematics, psychology, linguistics, cognitive science
- + M2: having obtained an equivalent to M1 level within a related field

LANGUAGE PRE-REQUISITES

- + C1 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + Provide students with the knowledge and tools required in Cognitive Science
- + Foster a fruitful collaborative spirit between students
- + Respect scientific ethics
- + Design and develop scientific projects
- + Implement a project, define the objectives and context, carry out and evaluate the action
- + Conduct and develop scientific and technical projects
- + Analyze and interpret the results of scientific experiments
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- + Conduct information research, identify access modes, analyze relevance, explain and transmit Scientific communication in English
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CONTACT

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GRADUATE PROGRAMMES | SCIENCES

MASTER IN COGNITIVE SCIENCE PSYCHOLOGY (PSYCH)

The Psychology (PSYCH) track aims to train the new generation of cognitive psychologists in classic methods and approaches (behavior, psychophysics, signal detection theory, etc), augmented by solid training in modern scientific methods that psychology has adopted and contributed to creating through its interactions with the other cognitive sciences (brain imaging, cognitive modeling, etc). This goal is achieved through methods and content classes, as well as internships in research laboratory during both the M1 and M2 years. Training in statistics and experimental design is also guaranteed by the core curriculum, and students can also choose from external courses to further enrich and/or specify their knowledge.

Students graduating from this program may go on to perform a PhD in cognitive science and psychology, or turn towards more applied settings in which experimental design and research methodology are crucial skills.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 1 year for the M1, 1 year for the M2, full time

PARTNERS

- + Sorbonne Université (Paris, France)

COURSE LOCATION

- + Most teaching takes place in the center of Paris, at Université Paris Cité and Sorbonne Université, within walking distance

DEGREES AWARDED:

- + Master Psychologie/ Psychology

ENTRY REQUIREMENTS

- + M1: having obtained or being in the process of validating an undergraduate diploma in one of the foundational disciplines of cognitive science, coherent with PSYCH: Psychology, Cognitive Science, some Maths Applied to Social Science diplomas...
- + M2: having obtained an equivalent to M1 level within a related field or a medicine curriculum

LANGUAGE PRE-REQUISITES

- + C1 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + Provide students with the knowledge and tools required in Cognitive Science
- + Foster a fruitful collaborative spirit between students
- + Respect scientific ethics
- + Design and develop scientific projects
- + Implement a project, define the objectives and context, carry out and evaluate the action
- + Conduct and develop scientific and technical projects
- + Analyze and interpret the results of scientific experiments
- + Master specific methods and tools
- + Use information and communication technologies
- + Conduct information research, identify access modes, analyze relevance, explain and transmit Scientific communication in English
- + Teamwork: integrating, positioning and collaborating
- + Integrate into a professional environment: identify your skills and communicate them

CONTACT

Administrative contact

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MASTER IN COGNITIVE SCIENCE : COGNITIVE SCIENCE AND SOCIETY (SOC)

The Psychology (PSYCH) track aims to train the new generation of cognitive psychologists in classic methods and approaches (behavior, psychophysics, signal detection theory, etc), augmented by solid training in modern scientific methods that psychology has adopted and contributed to creating through its interactions with the other cognitive sciences (brain imaging, cognitive modeling, etc). This goal is achieved through methods and content classes, as well as internships in research laboratory during both the M1 and M2 years. Training in statistics and experimental design is also guaranteed by the core curriculum, and students can also choose from external courses to further enrich and/or specify their knowledge.

Students graduating from this program may go on to perform a PhD in cognitive science and psychology, or turn towards more applied settings in which experimental design and research methodology are crucial skills.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 1 year for the M1, 1 year for the M2, full time

PARTNERS

- + Sorbonne Université (Paris, France)

COURSE LOCATION

- + Most teaching takes place in the center of Paris, at Université Paris Cité and Sorbonne Université, within walking distance

DEGREES AWARDED:

- + Master Neurosciences Sciences Cognitives et Société / Cognitive Sciences Cognitive Science and Society

ENTRY REQUIREMENTS

- + M1: having obtained or being in the process of validating an undergraduate diploma in one of the foundational disciplines of cognitive science (psychology, cognitive neuroscience, medical science, philosophy), or in a social or human science (e.g., economics, anthropology) with a minor in cognitive science
- + M2: having obtained an equivalent to M1 level within a related field or an engineering curriculum or a medicine curriculum

LANGUAGE PRE-REQUISITES

- + C1 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + Provide students with the knowledge and tools required in Cognitive Science
- + Foster a fruitful collaborative spirit between students
- + Respect scientific ethics
- + Design and develop scientific projects
- + Implement a project, define the objectives and context, carry out and evaluate the action
- + Conduct and develop scientific and technical projects
- + Analyze and interpret the results of scientific experiments
- + Master specific methods and tools
- + Use information and communication technologies
- + Conduct information research, identify access modes, analyze relevance, explain and transmit Scientific communication in English
- + Teamwork: integrating, positioning and collaborating
- + Integrate into a professional environment: identify your skills and communicate them

CONTACT

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MASTER IN EARTH AND PLANET SCIENCES, ENVIRONMENT SOLID EARTH SCIENCE

The International Master in Solid Earth Sciences (IMSES) is a one-year programme set up at the second year of the European Master level. Its objective is to train top-level solid-earth geoscientists in the fields of geophysics, geology or geochemistry. A maximum of 12 students coming from all over the world are admitted each year. A wide range of courses are available, all taught in English. Training through research work and complex problem solving allows IMSES graduates to subsequently pursue a PhD in academia or work in industry.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time (please note that this is a M2 course for students who have already obtained a M1)

COURSE LOCATION

- + Institut de Physique du Globe de Paris (IPGP), Paris, France

DEGREES AWARDED

- + Master in Earth and Planet Sciences, Environment - Solid Earth Science

ENTRY REQUIREMENTS

- + Minimum four years of undergraduate/master's degree, European M1 level or USA/Asian B4 (senior) equivalent, in (geo-) physics, (geo-) chemistry, geology, computer science, mathematics and/or engineering. Fluency in English is required

LANGUAGE PRE-REQUISITES

- + Good level in English, minimum B2, ideally C1

SKILLS AND COMPETENCIES DEVELOPED

- + Acquire fundamental knowledge and get exposure to state-of-the-art techniques in areas of Solid Earth sciences (Geophysics, Geochemistry or Geology)
- + Develop critical analysis skills and oral and written science communication skills

CONTACTS

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Pedagogical Coordinator
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MASTER IN FUNDAMENTAL PHYSICS

INTERNATIONAL CENTRE FOR FUNDAMENTAL PHYSICS (ICFP)

The Master of Fundamental Physics is a prestigious degree that is specifically intended for outstanding French and international students wishing to obtain a first-class education in fundamental physics, with a broad focus ranging e.g. from high energy physics to biophysics. This degree provides its students:

An immersion in an advanced research ecosystem, working closely with a major laboratory and scientific innovation, in an exceptional scientific and intellectual spirit embraced by the academic staff members on a day-to-day basis.

An international exposure: students will be taught by a unique blend of internationally leading researchers from ENS and its partner institutions.

Individual tutorials, advice and support from the faculty regarding choices of courses, research internships and overall academic future.

A wide range of career opportunities, both in public or industrial research..

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

PARTNERS

- + ENS – Paris Sciences et Lettres, Sorbonne Université, Université Paris-Saclay, École Polytechnique

COURSE LOCATION

- + Classes are held in the heart of Paris, France on the campuses of the participating institution

DEGREES AWARDED

- + The degree awarded after two years is a «diplôme national de master» (120 ECTS – equivalent to a Master of Science). It can be delivered by the Ecole normale supérieure and partner institutions, and gives access to doctoral studies

ENTRY REQUIREMENTS

- + Excellent level in mathematics, quantum physics as well as statistical physics

LANGUAGE PRE-REQUISITES

- + A minimum of B2 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + Grasp of recognised formalisms and standards of modern physics

CONTACT

Administrative contact

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MASTER IN FUNDAMENTAL PHYSICS NANOTECHNOLOGIES AND QUANTUM DEVICES (NANOQUAD)

Nanotechnologies and Quantum Devices (NanoQuad) is an international two-year master's programme offering advanced theoretical and experimental education on a broad range of quantum phenomena, with particular emphasis on quantum devices and nanotechnologies. The objective of the programme is to form graduates with complementary expertise in modern quantum physics and physical engineering, specifically applied to quantum devices.

Students acquire state-of-the-art skills in nanofabrication and nanocharacterisation through access to the laboratories of Politecnico di Torino during the first year, and to the cleanroom facilities of Université Paris Cité and the dedicated Nanoscience and QuanTech teaching platforms during the second year. The programme further benefits from the participation of leading scientists active in the field of quantum devices.

Jointly offered by Université Paris Cité and Politecnico di Torino, the programme is taught entirely in English. Upon successful completion of the two-year curriculum, students are awarded a double degree: the Italian Laurea Magistrale (Master's Degree) in Nanotechnologies for ICTs and the French Master's Degree Dispositifs Quantiques. The NanoQuad programme is fully aligned with national and international initiatives in Quantum Technologies, particularly in the domains of education, research, and innovation.

Owing to this well-established academic and industrial network, graduates have access to numerous opportunities in both research and development. They may pursue doctoral studies in leading public or private research institutions or enter employment as specialised scientists or engineers in high-tech industries

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

COURSE LOCATION

- + 2nd year: Université Paris Cité, France
(including a 4 months internship)

DEGREES AWARDED

- + Master Physique fondamentale et applications parcours dispositifs quantiques, Université Paris Cité

ENTRY REQUIREMENTS

- + This programme is intended for students who have completed a bachelor's degree in physics, materials science, or engineering with a strong physics orientation, as well as for students from Écoles supérieures (such as École Polytechnique or Écoles Normales)

LANGUAGE PRE-REQUISITES

- + B2 level in English

SKILLS AND COMPETENCIES DEVELOPED

The NanoQuad program combines academic excellence with professional preparation. It is designed both to equip students for fundamental research in physics and to provide the practical skills required for careers in advanced technology sectors. Graduates are well prepared to join research teams in academic, public, or industrial environments.

- + Learning outcomes
- + Students completing the program will acquire:
 - + Comprehensive experimental and theoretical knowledge in quantum physics, including photonics, electronics, spintronics, nanomagnetism, low dimensional materials, nanomaterials, solid-state physics, and quantum information
 - + Practical experience in nanotechnology and quantum technology, through project-based learning involving literature reviews, cleanroom training, experimental measurements, and presentation of research outcomes. Research autonomy and project management skills, developed through an individual research project conducted during the final-year internship.

CONTACTS

Pedagogical Coordinator

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MASTER IN FUNDAMENTAL PHYSICS

NUCLEI, PARTICLES, ASTROPARTICLES AND COSMOLOGY (NPAC)

The Master in fundamental physics NPAC is an international two-year master programme jointly offered by the University of Pavia and Université Paris Cité in Paris. It is completely taught in English. This Master's degree is designed to provide training for students wishing to enter academic research in nuclear physics, particle physics, astroparticles and cosmology.

This Masters gives an introduction to the physics of the "infinitely small" – the physics of the fundamental particles and interactions in Nature, and the physics of nuclei built from these elementary building blocks – and the physics of the "infinitely large" – modern cosmological theory (including dark matter and dark energy) and its description of the geometry and contents of the Universe. A third axis is Astroparticle Physics, which relates to an important class of "new cosmic messengers" such as cosmic rays or gravitational waves. Theoretical and experimental bases in those fields are offered during the Master's program.

The NPAC program trains the researchers of tomorrow in these fields. All the lecturers are leading researchers in the domain they teach. The students will receive training in data analysis including machine learning techniques that are increasingly used in our domains. The students have the opportunity to work in laboratories, both during their internships and also when studying instrumentation. Indeed, these fields of research require increasingly powerful and sophisticated instruments, which are key to their scientific advances. The NPAC program is recognized for its academic quality, in particular by the laboratories of the CNRS particle and nuclear physics division (IN2P3) and the CEA in the Paris region and all over France, and also by theoretical and astrophysics laboratories all over France.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

PARTNER

- + Politecnico di Torino

COURSE LOCATION

- + 2nd year: Université Paris Cité, France (including a 3 months internship)

DEGREES AWARDED

- + Master in Fundamental Physics : Nuclei, Particles, Astroparticles and Cosmology

ENTRY REQUIREMENTS

- + This master is addressed to all the students who have completed a bachelor in physics, engineering (with physics orientation) and to the students of "Grandes Ecoles".

LANGUAGE PRE-REQUISITES

- + B2 level in English

SKILLS AND COMPETENCIES DEVELOPED

- + Theoretical understanding of nuclear, particle, astroparticle physics and cosmology
- + Research methodology – designing experiments, theoretical modeling, literature review
- + Data analysis and interpretation for complex experiments
- + Instrumentation and detection techniques (detectors, accelerators, advanced tools)
- + Hands-on experimental skills from small-scale and large-scale projects
- + Teamwork and collaboration through pair projects and lab immersion
- + Preparation for doctoral research (PhD readiness)
- + Adaptability to international and interdisciplinary research environments

CONTACTS

Pedagogical Coordinator
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MASTER IN INTEGRATIVE BIOLOGY AND PHYSIOLOGY

MASTER 2 CARDIOVASCULAR SCIENCES – M2SC

The Cardiovascular Sciences specialisation (M2SC – formerly BiVATH) provides multidisciplinary training that integrates all levels of research: from fundamental approaches to the latest clinical developments in the cardiovascular field. These courses enable students to acquire knowledge of the cellular and molecular mechanisms of haemostasis, physiology and cardiovascular pathology. The courses also cover the main technical and technological innovations for the study of cardiovascular diseases. The M2SC specialisation also allows students to join internationally renowned laboratories in the cardiovascular field.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + M2 : French (50%), English (50%)

LENGTH OF STUDY

- + 1 year, full time

COURSE LOCATION

- + Université Paris Cité (Paris, France)

DEGREES AWARDED

- + Master in Integrative Biology and Physiology – Master 2 Cardiovascular Sciences

ENTRY REQUIREMENTS

- + For direct enrolment into the Master 2 (M2) :
Completion of a Master 1 (M1) degree or enrolment in the M1 of the same parcours (track) at UPCité
Equivalent Degree (Bac+4 / four-year degree or 240 ECTS credits): Direct admission to M2 is selective

LANGUAGE PRE-REQUISITES

- + French Language Requirement (for courses in French) : B2 to C1 (TCF, DELF/DALF)
- + English Language Requirement (for course in English) : B2 to (IELTS, TOEFL iBT, Cambridge English, TOEIC, etc.)

SKILLS AND COMPETENCIES DEVELOPED

- + Proficiency in the physiological and pathological concepts of cardiovascular biology and haemostasis
- + Proficiency in the critical analysis of scientific literature, promoting argumentation and communication skills.
- + Proficiency in all stages of conducting a scientific research project
- + Rigour and ethics in the scientific approach.
- + Versatility and ability to adapt to working in a laboratory

CONTACTS

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MASTER IN MOLECULAR AND CELLULAR BIOLOGY – IMMUNOLOGY

The Molecular and Cellular Biology (BMC) Master's degree provides a high-level theoretical and practical education in molecular, structural and cellular biology, offering an integrated vision of the molecular, cellular and functional properties of biological systems, necessary for understanding physiological and pathological processes.

Students specialize from first year (M1) onwards in the study of the immune response in normal and pathological situations such as infections, cancer and autoimmune or inflammatory diseases, and explore new immunotherapies. The BMC master's program offers training in and through research, and is progressive from M1 onwards, enabling students to opt for the English-taught year 2 (M2) in:

- + Immunology, with an Advanced Immunology (IA) track
- + Immunology and immunopathology (I2P) track

During the M2, students pursue a compulsory 6-month work placement in an experimental research laboratory.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + M2 : First year (M1): French (100%) Second year (M2): Immunology, with an Advanced Immunology (IA) track: English (100%) - Immunology and immunopathology (I2P) track: English (90%) and French (10%)

LENGTH OF STUDY

- + 2 years, full time

PARTNERS

- + **Université Paris Cité (Paris, France - Sorbonne Université, Paris, France - Hôpital Pitié Salpêtrière, Paris, France - Institut Pasteur, Paris, France)**

DEGREES AWARDED:

- + Master de Biologie Moléculaire et Cellulaire – Immunologie et Immunologie Avancée / Master's in Molecular and Cellular Biology – Immunology and Advanced Immunology (IA) track
- + Master de Biologie Moléculaire et Cellulaire – Itinéraire Immunologie et immunopathologie (I2P) / Master's in Molecular and Cellular Biology – Immunology and Immunopathology (I2P) track

ENTRY REQUIREMENTS

- + First year (M1): Hold or be completing a 3–4 year Life science-related Bachelor's or Licence degree (180 ECTS). A solid background in biochemistry, molecular biology and cell biology is required. Second year (M2): Hold or be completing

a Master 1 (240 ECTS) or full Master's in Health-related studies. A solid background in immunology is required (at least 9 ECTS / 100 hours).

LANGUAGE PRE-REQUISITES

- + First year (M1): French – C1, and English – B2/C1
- + Second year (M2): English – B2/C1

SKILLS AND COMPETENCIES DEVELOPED

- + The Immunology course in the BMC Master's program provides training through and in research, integrating the acquisition of the most advanced fundamental, clinical, applied and technological knowledge in the field. These skills are practiced in a professional environment during the 6-month internship in an experimental research laboratory
- + Understand how the immune system functions during development and in pathological situations. Be familiar with recent advances in immunotherapy
- + Be familiar with and apply both conventional and cutting-edge technologies in the field of immunology
- + Contribute to the realization of a fundamental or applied research program, with a written report, oral presentation and critical analysis.

CONTACTS

Administrative Coordinator

First year (M1)

immunologie.m1bmc.sdv@uparis.fr

Second year (M2)

immunologie.m2bmc.sdv@uparis.fr

Pedagogical Coordinator

Ms. Pascale PEREZ –

enrollment first year (M1)

pascale.perez@u-paris.fr

Ms. Elodie PERRON –

enrollment second year (M2)

elodie.perron@u-paris.fr



GRADUATE PROGRAMMES | SCIENCES

MASTER IN NEUROSCIENCE

The Neuroscience master's programme will provide students with a broad knowledge in the field of neuroscience ranging from molecular and cellular to integrative neuroscience.

During the first year of the programme (M1), students acquire a solid theoretical knowledge in neuroscience with an emphasis on experimental neuroscience research. During the second year of the programme (M2), students acquire more in-depth knowledge in different fields of neuroscience. Core and optional modules in cellular and molecular neuroscience and integrative neuroscience are offered. Students can take on free module from other master's degrees (*Master of Genetics, BioMedical Engineering, CogMaster, ...*).

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + French (50%) and English (50%) (first year, M1); and English (second year, M2)

LENGTH OF STUDY

- + 2 years, full time

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Master in Neuroscience

ENTRY REQUIREMENTS

- + Having obtained or being in the process of validating a Licence 3 or a Bachelor's degree in Biomedical sciences, life sciences or an equivalent degree with a major in biology and a minor in neuroscience; having obtained or being in the process of validating a double major in Life Sciences and Psychology or Life Sciences and Mathematics. Students may enter directly the 2nd year of the programme under certain condition listed on the programme website

LANGUAGE PRE-REQUISITES

- + Certified B2 level in French (TCF 400 ; DELF B2) and B2 level in English (IELTS 6 ; TOEFL 87 ; Cambridge English First ; Cambridge Certificate in Advanced English (CAE) level B2 ; Cambridge Certificate of Proficiency in English (CPE), TOEIC 785)

SKILLS AND COMPETENCIES DEVELOPED

- + Master theoretical knowledge of fundamental areas of Neuroscience from the molecular to the integrated level
- + Master cutting-edge methodological approaches related to the integrated level
- + Master analytical tools, experimental good practices and scientific ethics
- + Develop bibliographical data summary and critical analysis skills
- + Manage oral and written scientific communication
- + Develop experimental protocols
- + Team work and autonomy
- + Manage a science project from its first concept to its most advanced outcomes

CONTACTS

Administrative Coordinator

Mr. Martin DEOTTO

contact@master-neuroscience-paris.fr

Programme co-chair

Pr. Mehrnaz JAFARIAN-TEHRANI

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MASTER IN MATHEMATICS AND DATA SCIENCE

MATHEMATICS, VISION, LEARNING (MVA)

The Master 2 MVA (Mathematics, Vision, Learning), created by the mathematics department of the ENS Paris-Saclay, is a unique master in France since its creation in 1996. In cooperation with several academic partners, it trains a large number of university and « grandes écoles » students each year in Research, Development and Innovation for public and private organizations and companies in the field of mathematics applied to data, image and signal processing. The huge growth in the use of digital data in all fields of science, technology and society requires the training of highlevel mathematical researchers mastering the acquisition and processing of digital data on the one hand, and their automatic interpretation on the other. These two aspects are strictly complementary and are reflected in the three terms characterizing the MVA program.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + French (60%), English (40%)

LENGTH OF STUDY

- + 1 year, full time

PARTNER

- + Université Paris-Saclay, ENS Paris-Saclay, Institut Polytechnique de Paris, Université Paris Cité

COURSE LOCATION

- + ENS Paris-Saclay, Paris (Université Paris Cité, ENS Ulm), Gif-sur-Yvette, Palaiseau

DEGREES AWARDED:

- + Master 2 Mention Mathématiques et Applications, Parcours Mathématiques, Vision, Apprentissage

ENTRY REQUIREMENTS

- + Admission is based on application review. Recruitment takes place at the M1 level or equivalent. We mainly admit:
 - Students holding an M1 (Master's Year 1) in mathematics (applied or pure), computer science, data science, artificial intelligence, etc.
 - Students in third year of their engineering school

LANGUAGE PRE-REQUISITES

- + Proof of English proficiency is required: TOEFL, TOEIC, or a personal statement, which may be supported by letters of recommendation and any relevant documents considered useful

SKILLS AND COMPETENCIES DEVELOPED

- + Master and apply advanced mathematical tools and methods
- + Understand and mathematically model a problem in order to solve it
- + Analyze data and conduct numerical experiments
- + Analyze a research paper for synthesis and practical application
- + Master standard digital tools and programming languages
- + Clearly and rigorously explain and write about mathematical theories and results

CONTACTS

Administrative Coordinator
masters@mi.parisdescartes.fr

Pedagogical Coordinator
Ms. Anne SABOURIN
anne.sabourin@u-paris.fr

Ms. Stéphanie ALLASSONNIERE
stephanie.allassonniere@u-paris.fr



GRADUATE PROGRAMMES | SCIENCES

MASTER IN SILICO DRUG DESIGN (ISDD)

The Master's programme in In Silico Drug Design (ISDD) – Bioactive molecules, included in the Master's degree of Bioinformatics (UFR of Life Sciences), was created in response to growing demand from both the pharmaceutical industry and academia to train students in this rapidly expanding field in France and Europe. Interdisciplinary in nature, the ISDD Master's programme benefits from the collaboration of several universities, private companies, and international experts.

Oriented towards the modelling and design of small bioactive molecules, with a focus on chemoinformatics, molecular docking, artificial intelligence, and machine learning, the programme aims to provide comprehensive training in all aspects of drug discovery using in silico (computer-assisted) approaches.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

PARTNERS

- + Université de Strasbourg, Università degli di Milano, Universidade NOVA de Lisboa, University of Ljubljana, Bar-Ilan University

COURSE LOCATION

- + Université Paris Cité, Paris, France

DEGREES AWARDED:

- + Master Mention Bio-Informatique, Parcours : In Silico Drug Design – Bioactive Molecules , Université Paris Cité

ENTRY REQUIREMENTS

- + Bachelor degree or international equivalent in a variety of subjects including chemistry, biochemistry, bioinformatics, biology, biotechnology, or the health sector

LANGUAGE PRE-REQUISITES

- + B2 level of French and English

SKILLS AND COMPETENCIES DEVELOPED

- + In silico research training in the discovery of bioactive compounds, with preparation for further doctoral studies
- + Skills development in rational exploration of chemical space to support the discovery of bioactive molecules, by combining artificial intelligence, molecular dynamics and virtual screening approaches for predicting the impact of xenobiotics on human health
- + Career readiness, enabling graduates to participate in or lead in silico drug design projects within pharmaceutical and medicinal chemistry companies, as well as in organizations developing chemicals or specialized software

CONTACTS

Administrative Contact

Ms. Aissetou TRAORE
aissetou.traore@u-paris.fr

Pedagogical Coordinator

Pr. Anne-Claude CAMPROUX
anne-claude.camproux@u-paris.fr

MASTER « PHYSICS OF COMPLEX SYSTEMS (I-PCS) »

The international Master « Physics of Complex Systems (i-PCS) » is a two-year French-Italian programme (M1 & M2), jointly operated by Université Paris-Saclay, Sorbonne Université and Université Paris Cité. It is possible to join the Physics of Complex System master at the M2 level.

The goal is to provide a state-of-the-art research-oriented education in fundamental physics and in the modelling of complex systems. These are studied with the tools of statistical physics in or out-of equilibrium, field theory, stochastic processes, dynamical systems, non-linear physics, inference techniques and computational approaches. These systems encompass complex networks, active matter, the interface between social sciences and physics, soft matter, quantitative economics, biological systems, complexity in the quantum realm, or questions raised in the context of « big data » and « machine learning ».

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

COURSE LOCATION

- + Université Paris Cité

DEGREES AWARDED:

- + Master Physics of Complex Systems

ENTRY REQUIREMENTS

- + Bachelor degree in physics

LANGUAGE PRE-REQUISITES

- + B2 level of English with IELTS 5.0

SKILLS AND COMPETENCIES DEVELOPED

- + Training in modern methods for the modelling of complexity
- + Fundamental and applied research, network oriented private sector (energy, transportation, information), quantitative finance, applied research and development, industry, etc.

CONTACTS

Administrative Contact

Stessy MONDONGUE

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Pedagogical Coordinator

Frédéric VAN WIJLAND

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UNDERGRADUATE PROGRAMMES | HUMANITIES AND SOCIAL SCIENCES

MASTER IN LINGUISTICS**THEORETICAL AND EXPERIMENTAL LINGUISTICS AND PHONETICS (TELPH)**

Linguistics aims to identify the common properties of languages by studying their formal features, their history, their diversity, the way they are learned, and the pathologies that can affect them. The Master's degree in Language Sciences – "Grands Moulins" Campus offers a training program in Theoretical and experimental linguistics and phonetics (TELPh) that is especially oriented towards research, theorization and experimental analysis of linguistic phenomena. In addition to providing comprehensive training in the different fields of linguistics, this program offers a thorough introduction to the different experimental methods used to describe linguistic phenomena and a critical discussion of the different linguistic theories adopted in modern linguistics to explain such phenomena. Experimental work is carried out in one of the department's laboratories.

The program combines coursework and research. Two research papers will be written: a short one in the first year and a longer one with a public defense at the end of the second year. That allows students to gain expertise in specific subdisciplines, and prepares them for diverse professional fields: research in linguistics, language teaching, professions involving language and speech (e.g., speech therapy), communication-related professions, language policy (e.g. regional languages and accents, language contact, multilingualism, European integration, etc.), software engineering, linguistic engineering, and professions involving the acoustic analysis of speech and signal processing techniques adapted for speech recognition. A research internship is possible, though not mandatory, for 1st year students.

KEY FACTS**LANGUAGE(S) OF INSTRUCTION**

- + English (100%)

LENGTH OF STUDY

- + 2 years

COURSE LOCATION

- + Université Paris Cité, Campus Grands Moulins, France

DEGREES AWARDED

- + Master Science du langage – Parcours Theoretical and Experimental Linguistics and Phonetics (TELPh)

ENTRY REQUIREMENTS

- + Degrees required for registration in first year: 3rd year Bachelor's degree in Linguistics, or possibly with a linguistics specialization (Languages, Humanities, Philosophy, Psychology, others)
- + Degrees required for enrollment in 2nd year: Master 1 in Linguistics, Psycholinguistics, or Cognitive science with a linguistic specialty

- + Admission requirements: The application should contain a copy of the students' diploma, a CV and a cover letter specifying the research project. Admission is conditional on a level of English sufficient to read a scientific text and understand a discussion in English. No minimum level of French is required. Applicants who have not completed a linguistics undergraduate degree are encouraged to mention any previous study of linguistics.

LANGUAGE PRE-REQUISITES

- + Admission is conditional on a level of English sufficient to read an article and understand a discussion in English (B2)

SKILLS AND COMPETENCIES DEVELOPED

- + Developing synthetic and analytical skills (describing and explaining linguistic processes)
- + Ability to conduct original and well supported research on how languages function: students will learn how to start from a research hypothesis within a precise theoretical framework; how to collect the necessary data (corpus research, psycholinguistic experiments, field work); and how to perform the quantitative and qualitative analyses based on the data collected

CONTACTS**Administrative Coordinator**

Ms. Aglaé ZHANG

scolarite.ling@u-paris.fr

Pedagogical Coordinator Master 1

Ms. Hi-Yon YOO

hi-yon.yoo@u-paris.fr

Pedagogical Coordinator Master 2

Ms. Lisa BRUNETTI

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MASTER IN LINGUISTICS

LOGOS: PHILOSOPHY, LINGUISTICS, LOGIC, AND COMPUTER SCIENCE

The LOGOS MSc programme is a cross-disciplinary master degree of the Université Paris Cité covering all facets of sciences of language. It consists of courses in four core disciplines: linguistics (both empirical and formal), philosophy (philosophy of language and philosophy of science), mathematical logic and computer science. Its courses comprise a selection of courses coming from four master degree programmes (Computational Linguistics, History and Philosophy of Science, Mathematical Logic and Foundations of Mathematics, Mathematics and Computer Science). The LOGOS MSc programme welcomes students with various backgrounds (primarily, but not exclusively, with a bachelor's degrees in linguistics, philosophy, logic or mathematics) and aims to provide them not only with a complete set of formal skills concerning, for instance, Natural Language Processing or Machine Learning; but also with a comprehensive knowledge of all the theoretical environments within which the analysis of language and linguistic phenomena takes place; and with a wide-ranging understanding of all the conceptual stakes involved in the study and representation of language. The four semesters of the master's degree are devised as a progression almost from scratch. Each semester is composed of an average of five courses, each of which can generally be chosen among a substantial list of options, so as to allow each student to specialize as flexibly as possible, while acquiring a broad general knowledge in all four core disciplines.

Within the Master's degree in Language Sciences, the LOGOS specialty aims to train researchers in linguistics, logic, AI and philosophy. The Master's prepares students for diverse professions, mostly in the field of research, industrial applications, and teaching. The Master's degree provides access to a variety of professional fields: research in linguistics, logic, artificial intelligence, philosophy, cognitive science, software engineering, linguistic engineering, etc.

One research paper or report on an extended research internship will be written at the end of the second year, with a public defense.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Master Science du langage - Parcours LOGOS

ENTRY REQUIREMENTS

- + Degrees required for registration in first year: 3rd year Bachelor's degree in Linguistics or Mathematics or Philosophy or Computer Science
- + Degrees required for enrollment in 2nd year: Master 1 in Linguistics, Psycholinguistics, or Cognitive science with a linguistic specialty

- + Admission requirements: The application should contain a copy of the students' diploma, a CV and a cover letter specifying a research project. Admission is conditional on a level of English sufficient to read an article and understand a discussion in English. No minimum level of French is required

LANGUAGE PRE-REQUISITES

- + Admission is conditional on a level of English sufficient to read an article and understand a discussion in English (B2)

SKILLS AND COMPETENCIES DEVELOPED

- + Ability to describe and explain linguistic or cognitive phenomena
- + Ability to conduct original and well supported research on how linguistic or cognitive phenomena can be captured in formal or computational systems or by means of detailed conceptual analysis

CONTACTS

Administrative Coordinator

Ms. Yushu ZHANG

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Pedagogical Coordinator

M. Jonathan GINZBURG

yonatan.ginzburg@u-paris.fr



UNDERGRADUATE PROGRAMMES | HUMANITIES AND SOCIAL SCIENCES

MASTER IN ENGLISH STUDIES

ARTS AND VISUAL CULTURE

This specialisation, unique in France, offers training in iconography and visual studies for the study of painting, photography, multimedia arts, English and American cinema, visual culture and contemporary practices of the image. The history and status of images, their links with cultural institutions, their roots in the English language and Anglophone cultures, as well as their contemporary relevance, are approached in this programme.

In the first year of study, the research project may include professional internships, at the initiative of interested students. In the second year, internships are strongly encouraged for all students, with seminars taking place mostly in the first half of each semester. The second year may also include a vocational branch (with two possible options: translation / publishing or 'cultural fields', i.e. internship in a museum or a cultural institution in France or abroad). The student may choose between an internship and a research project.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Master in Anglophone Studies: Arts and Visual Culture

ENTRY REQUIREMENTS

- + Bachelor's Degree in a relevant field of study.
This is a selective programme. Applications include transcripts, a CV and a coverletter

LANGUAGE PRE-REQUISITES

- + Near native fluency in English (C1/C2 level)

SKILLS AND COMPETENCIES DEVELOPED

- + The ability to analyse still and moving images in English
- + The ability to develop in-depth reflection based on aesthetic, theoretical or critical texts in the English language
- + Knowledge of the visual culture of the English-speaking world, its aesthetic issues and the challenges faced by museum institutions
- + Oral and written fluency, good command of the specialised vocabulary and advanced knowledge of Anglophone culture

CONTACTS

Administrative Coordinator

Ms. Murielle GUILLEMONT

murielle.guillemont@u-paris.fr

Pedagogical Coordinator

Ms. Catherine MARCANGELI

catherine.marcangeli@u-paris.fr

MASTER IN ENGLISH STUDIES

HISTORY AND CULTURE OF ENGLISH-SPEAKING COUNTRIES

This Master's degree offers students access to research in Anglo-American History and Culture (civilisation) via a multidisciplinary and comparative approach. It enables the study of British and American societies in their diversity, as well as the study of other spheres of the English-speaking world. The variety of approaches (political and social history, history of ideas, political science and sociology) attests to the richness of civilisation studies. The first year of the programme includes an introduction to the research methodology in social sciences and it aims to deepen the understanding of the historical, social, political and cultural backgrounds of the areas concerned. Hence, in the second year of the programme the student will be fully prepared to develop an original research project based on primary material/sources.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Master's degree in English Studies: History

ENTRY REQUIREMENTS

- + Bachelor's Degree in a relevant field of study.
This is a selective programme. Applications include transcripts, a CV and a coverletter

LANGUAGE PRE-REQUISITES

- + Near native fluency in English (C1/C2 level)

SKILLS AND COMPETENCIES DEVELOPED

- + Oral and written fluency, good command of specialised vocabulary and advanced knowledge of the history of English-speaking countries
- + Capacity to develop and conduct a professional project or an academic research project in English
- + Methodological tools in social sciences (history, political science, sociology): capacity to pursue a teaching and research career in English-speaking environments
- + Ability to develop in-depth reflection based on theoretical and critical texts in the English language

CONTACTS

Administrative Coordinator

Ms. Murielle GUILLEMONT

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Pedagogical Coordinator

Pr. Laura CARTER

laura.carter@u-paris.fr



GRADUATE PROGRAMMES | HUMANITIES AND SOCIAL SCIENCES

ENGLISH STUDIES

DOUBLE MASTER IN FILM STUDIES

Organised across two departments, Cinema (LAC) and English Studies (Études anglophones), this bilingual Master's programme combines the field of Film Studies with the field of English Studies (the Arts and Visual Culture section of the department). The student will be registered in both departments, and selects seminars from a list of courses mostly or entirely taught in English across the two departments.

As a double degree, this demanding Master is aimed at students who have a good academic record, a very good command of English and a solid knowledge of the history and aesthetics of film and visual arts and culture. In return, obtaining a double master's degree will open up extended professional opportunities and research horizons, both in France and abroad.

Students who are not fluent in French are expected to perfect their knowledge of French in the course of the two years of studies. The combined proficiency in French and English is an invaluable advantage, and a much sought-after skill, both in teaching and research and for careers in the cultural sector.

The programme includes the study of film (history, theory, aesthetics) and the visual arts and culture more broadly – photography, television, new media. The students develop a research project on a topic of their choice under the supervision of two members of the academic staff (an Associate Professor or a full Professor in each of the two departments concerned). Internships are also encouraged.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Double Master's Degree in Cinema Studies and in English Studies

ENTRY REQUIREMENTS

- + Bachelor's Degree in a relevant field of study.
This is a selective programme. Applications include transcripts, a CV and a coverletter.
On the application process can be found on etudesanglophones.u-paris.fr/parcours-master-anglais-cinema

LANGUAGE PRE-REQUISITES

- + Excellent (fluent or near fluent) English
A good command of French is an advantage

SKILLS AND COMPETENCIES DEVELOPED

- + Excellent command of English and French and advanced knowledge of the history and aesthetics of film as well as a basic to advanced knowledge of the history and aesthetics of photography, visual arts, television, and new media
- + Oral and written fluency, good command of the specialised vocabulary and advanced knowledge of the field of film and visual culture: capacity to develop and conduct a professional project or an academic research project in two languages
- + Methodological tools in the field of film and visual studies: capacity to pursue a teaching and research career in English-speaking environments

CONTACTS

Administrative Coordinator

Ms. Murielle GUILLEMONT

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Pedagogical Coordinator

Pr. Martine BEUGNET

martine.beugnet@u-paris.fr

MASTER IN ENGLISH STUDIES LINGUISTICS

The major in English Linguistics offers the most comprehensive programme in France for the study of English Language and Linguistics. Students are taught by experts in the fields of semantics, syntax, pragmatics, phonetics and phonology from a wide range of perspectives, including a comparative one. The programme aims to equip successful applicants with the scholarly and methodological skills needed to engage in linguistics research. Our students are given opportunities to discuss their work. They are encouraged to join our vibrant research community and to attend international conferences in Paris and abroad.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Master's degree in English Studies: Linguistics

ENTRY REQUIREMENTS

- + Bachelor's Degree in a relevant field of study.
This is a selective programme. Applications include transcripts, a CV and a coverletter.

LANGUAGE PRE-REQUISITES

- + Excellent (fluent or near fluent) English.
A good command of French is an advantage

SKILLS AND COMPETENCIES DEVELOPED

- + Oral and written fluency, good command of specialised vocabulary and advanced knowledge of the linguistics field
- + Capacity to develop and conduct a professional project or an academic research project in two languages
- + Methodological tools in the field of linguistics: capacity to pursue a teaching and research career in English-speaking environments

CONTACTS

Administrative Coordinator

Ms. Murielle GUILLEMONT

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Pedagogical Coordinator

Pr. Agnès CELLE

agnes.celle@u-paris.fr



GRADUATE PROGRAMMES | HUMANITIES AND SOCIAL SCIENCES

MASTER IN ENGLISH STUDIES LITERATURE

This programme, fully taught in English, aims to provide students with a thorough knowledge of literatures in English, in all their historical (from the 16th century to the present day), cultural and generic diversity. They will study the history of major literary forms (poetry, prose and drama), the links between literature and its context of production, canonical texts, as well as emerging literary forms, with openings towards the visual arts and links between text and image. They will further acquire theoretical tools to improve their understanding and analysis of literary texts. Our programme also emphasises the acquisition of cross-disciplinary capacities, such as writing skills, synthesis and oral presentation, documentary research, teamwork and communication, which all prepare our students for the job market, especially in fields related to research and teaching, translation, publishing and communication, and cultural professions in France and abroad.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Master's degree in English Studies: Literature

ENTRY REQUIREMENTS

- + Bachelor's Degree in a relevant field of study.
This is a selective programme. Applications include transcripts, a CV and a coverletter.

LANGUAGE PRE-REQUISITES

- + Near native fluency in English (C1/C2 level)

SKILLS AND COMPETENCIES DEVELOPED

- + Excellent command of both written and spoken English
- + Familiarisation with canonical and contemporary literatures in English, the history of literary forms and of the links between literature and its context of production
- + Acquisition of theoretical frameworks necessary for literary study: history of literary theories, the historicising of aesthetic categories, consolidation of literary analysis techniques
- + Ability to mobilise analytical tools and produce content (written, oral, visual) related to the major issues of literary study, including literature and identity, culture and ideology, text-image links

CONTACTS

Administrative Coordinator

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Pedagogical Coordinator

Pr. Ladan NIAYESH

niayesh@u-paris.fr

MASTER IN ENGLISH STUDIES

EARLY MODERN STUDIES

Unique in France, taught entirely in English, this MA programme is dedicated to French and international students interested in an innovative, diachronic approach of a central period for understanding Western modernity. The programme provides solid grounding in early modern history, literature and visual arts. Our selective MA trains future specialists of the period running from the Renaissance to the Enlightenment and Romanticism in the English-speaking world and prepares them for a wide range of research and cultural professions in this field. The students of this programme receive a rich and versatile range of interdisciplinary skills that will help them become not only sought-after specialists of the period, but also good analysts of the contemporary period and its challenges, which they will be able to better understand in the light of the history of ideas and mentalities.

The programme opens to internship possibilities, as well as specific international mobility opportunities with the University of Liverpool's "Center for Eighteenth Century Worlds". Our theoretical teaching is completed by practical workshops involving museums, libraries and cultural institutions in Paris. Our students will be able to continue their studies with a PhD project that can be part of an international co-supervision (cotutelle), move towards professions in the fields of culture and heritage related to the period, or undertake competitive national examinations such as the "agrégation d'anglais".

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Master's degree in English Studies: Early Modern Studies

ENTRY REQUIREMENTS

- + Bachelor's Degree in a relevant field of study.
This is a selective programme. Applications include transcripts, a CV and a coverletter

LANGUAGE PRE-REQUISITES

- + Near native fluency in English (C1/C2 level)

SKILLS AND COMPETENCIES DEVELOPED

- + Excellent command of written and spoken English
- + Gaining a deeper knowledge of the literatures, cultures, histories, and visual arts of the English-speaking world
- + Expertise in early modern literature, history and visual arts (16th-18th centuries)
- + Ability to mobilise analytical tools and develop content (written, oral, visual) related to major issues involving English language, literature and culture.

CONTACTS

Administrative Coordinator

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Pedagogical Coordinator

Pr. Ladan NIAYESH

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GRADUATE PROGRAMMES | HUMANITIES AND SOCIAL SCIENCES

MASTER IN LINGUISTICS

COMPUTATIONAL LINGUISTICS

Natural Language Processing (NLP) has transformed numerous sectors by enabling advanced generative AI technologies, including large language models (LLMs), and fostering innovations such as real-time translation, intelligent virtual assistants, and automated content generation. The Master's programme in Computational Linguistics at UP Cité equips students with both theoretical understanding and hands-on expertise in NLP, preparing them for careers in the industry or academia through an interdisciplinary curriculum encompassing computer science, linguistics, and artificial intelligence.

The programme is organised around three core types of lectures:

NLP Lectures that provide a comprehensive introduction to the tools, algorithms, and systems that underpin contemporary NLP applications. A strong emphasis is placed on both theoretical principles and practical implementation, including dedicated modules on the architecture, training, and deployment of LLMs. Students gain insight into how these models work, their capabilities and limitations, and their societal implications.

Linguistics Lectures aimed at ensuring that students develop a robust understanding of the theoretical frameworks necessary to address real-world language data, whether textual or spoken. This linguistic grounding is essential both for understanding the hypotheses underlying the idea that LLMs and other NLP systems can effectively process natural language, and for critically engaging with their outputs.

Computer Science and Data Science Lectures that equip students with the computational and analytical skills required to design, build, and evaluate NLP systems. Topics include machine learning (including deep learning), software engineering, and data processing.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (80%)

LENGTH OF STUDY

- + 2 years, full time

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED

- + Master Science du langage – Parcours Linguistique informatique

ENTRY REQUIREMENTS

- + Admission requirements:
The application should contain a copy of the student's diploma, a CV and a cover letter

LANGUAGE PRE-REQUISITES

- + Certified B2 in French and English

SKILLS AND COMPETENCIES DEVELOPED

- + Analysing and processing large, varied text corpora using methods from data science and AI
- + Understanding and applying advanced NLP, machine learning, and AI algorithms, including the theory and use of LLMs
- + Developing and fine-tuning deep learning models with modern frameworks (e.g., PyTorch, TensorFlow)
- + Designing original NLP algorithms and systems, informed by theoretical and empirical approaches
- + Applying modern linguistic theories to the analysis and modelling of diverse languages
- + Addressing the ethical and societal challenges of AI and LLMs, including bias, fairness, transparency, and environmental impact

CONTACTS

Administrative Coordinator

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Pedagogical Coordinator

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Pedagogical Coordinator M1

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Pedagogical Coordinator M2

Ms. Marie Candito

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MASTER IN COMPARATIVE LAW COMMON LAW

The Master in comparative Law specialty Common Law is a private law training which focuses on Common law countries (United Kingdom, South Africa...).

This programme allows more particularly students to acquire the necessary foundations and skills to operate in a national European, and International environment. As a result of their double training in French private Law and in Common law, students that followed the Comparative and Common law programme, often access French or Anglo Saxons law firm once graduated.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + French (50%) and English (50%)

LENGTH OF STUDY

- + 2 years, full time

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED:

- + Master in Comparative Law - Common Law

ENTRY REQUIREMENTS

- + This degree is reserved for students who have graduated from their Bachelor degree in law, have a solid knowledge in private Law, have a good level in English and who show interest and curiosity for the world that surrounds them

LANGUAGE PRE-REQUISITES

- + Certified B2 level in French and English

SKILLS AND COMPETENCIES DEVELOPED

- + Good knowledge of civil or business private law (legal obligation, inheritance law, law of matrimonial regimes, corporate law, bankruptcy law)
- + Knowledge of international private law
- + Knowledge of private law (intellectual property law, insurance law, banking and finance law, criminal law)

CONTACTS

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Pedagogical Coordinator
Mr. Anthony CHAMBOREDON

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GRADUATE PROGRAMMES | HUMANITIES AND SOCIAL SCIENCES

MASTER IN ECONOMICS AND PSYCHOLOGICAL SCIENCES

The Economics and Psychology master program is a joint initiative of the economics department of Université Paris 1 Panthéon-Sorbonne and the psychology department of Université Paris Cité. Research-oriented training in the master is supported by the Paris School of Economics.

It combines teaching at the graduate level to economics and psychology students in the fields of economic psychology and behavioral economics. Please refer to the corresponding categories for detailed information about the overall curriculum, as well as the those for the M1 and the M2 years.

Prospective applicants can find detailed information about the application process in the corresponding section (please carefully check this material before contacting us). If you want to be kept posted of the updates about the current year campaign, let us know here.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

PARTNERS

- + University Pantheon Sorbonne, Paris School of Economics

COURSE LOCATION

- + Institut de Psychologie (Boulogne-Billancourt), Maison des Sciences Economiques, Paris School of economics

DEGREES AWARDED:

- + Master in economics and psychological Sciences.
Domains are Economics, psychology, Behavioral Sciences

ENTRY REQUIREMENTS

- + Applicants needs to hold an undergraduate degree in either psychology or economics. Direct applications to the M2 are possible, but candidates need to have prior bi-disciplinary training, with Bachelors degrees in both economics AND psychology

LANGUAGE PRE-REQUISITES

- + Advanced level in English

CONTACTS

Administrative Coordinator

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Pedagogical Coordinator

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GRADUATE PROGRAMMES | HEALTH

MASTER IN PUBLIC HEALTH

COMPARATIVE EFFECTIVENESS IN RESEARCH (2ND YEAR)

This is a unique opportunity for students to get a specialised second-year Master's in Comparative Effectiveness Research, a first of its kind in Europe, offered by top-level professors coming from Amsterdam University, Danube University, University of Ioannina, University of Oxford, Université Paris Cité, Queen's University Belfast, Utrecht University, and York University. This second-year Master's of Science in Public Health is delivered in English and aims at international students who want to acquire interdisciplinary skills to evolve in the field of Comparative Effectiveness Research. The programme is limited to 30 students, a small group size that will allow professors to use highly interactive and innovative teaching methods including work in small groups. The goal of the programme is to acquire strong skills in methods, epidemiology, and biostatistics.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

- + English (100%)

LENGTH OF STUDY

- + 1 year, full time (course October to January; first exam session in January; internship January to July; second exam session if needed in July or September)

COURSE LOCATION

- + Université Paris Cité, France

DEGREES AWARDED:

- + Master in Public Health – Comparative Effectiveness in Research

ENTRY REQUIREMENTS

- + Hold a Master's degree or first year Master's degree (M1, MSc) in epidemiology, biostatistics, public health, mathematics or related fields or successful completion of 4 years of study in epidemiology, biostatistics, public health, mathematics or related fields
- + Proficiency in English language

LANGUAGE PRE-REQUISITES

- + Proficiency in English language, e.g. TOEFL test results. If your studies were in English, ask your university for a certificate stating so. (No proficiency in French needed as the entire course is in English)

SKILLS AND COMPETENCIES DEVELOPED

Acquire the methodological bases needed to do any activity in public health, and master the public health concepts and methods in order to apply them to:

- + Therapeutic assessment and comparative assessment of research in the diagnostic, therapeutic, prognostic, and preventive fields
- + The development of health information systems
- + The context of healthcare in the diagnostic, therapeutic, prognostic, and preventive fields
- + The context of the assessment and management of risks - including professional and environmental risks
- + The context of health safety and healthcare quality

After completing the Master's degree, students should be able to get involved in research projects or be active in protecting, promoting, or restoring public health

The Master's aims at providing students with:

- + Theoretical background related to subjects that contribute to the collective approach of health events, such as general biostatistics, clinical epidemiology, modelling, biomedical computing, epidemiology, clinical research, risk assessment, ...
- + Extended CER-specific methodological knowledge
- + Students should be able to apply the acquired methodological knowledge through their personal work (writing of a thesis and thesis defense) during their 6-month internship

CONTACT

Administrative Coordinator
admissions @ mastercer.com

Pedagogical Coordinator
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GRADUATE PROGRAMMES | **HEALTH****MASTER OF AIRE****FORGING INTERDISCIPLINARY SOLUTIONS FOR PLANETARY HEALTH**

In 2018, Université Paris Cité & the Learning Planet Institute were awarded the ANR grant EURIP, a unique Interdisciplinary Graduate School, which offers opportunities to continue postgraduate studies with a 3-year PhD at FIRE Doctoral School for selected applicants. Since 2006, the Learning Planet Institute has been at the forefront of interdisciplinary education, nurturing leaders capable of addressing humanity's most pressing challenges through innovative collaboration.

Our Master of AIRE is designed for students who aspire to address global challenges related to sustainability and planetary health through innovative, interdisciplinary approaches.

This programme is ideal for passionate individuals from diverse backgrounds—Life Sciences, Physical Sciences & Engineering, Social Sciences & Humanities—who aspire to become change-makers in sustainability and planetary health.

KEY FACTS**LANGUAGE(S) OF INSTRUCTION**

- + English (100%)

LENGTH OF STUDY

- + 2 years, full time

COURSE LOCATION

- + Learning Planet Institute (LPI), Paris

DEGREES AWARDED:

- + Master AIRE – Approches interdisciplinaires pour la santé planétaire

ENTRY REQUIREMENTS

- + Hold a Master's degree or first year Master's degree (M1, MSc) in epidemiology, biostatistics, public health, mathematics or related fields or successful completion of 4 years of study in epidemiology, biostatistics, public health, mathematics or related fields

- + Proficiency in English language

LANGUAGE PRE-REQUISITES

- + Students can apply with a bachelor's degree or equivalent. Students may enter directly the 2nd year of the programme under the condition that they have successfully graduated from their 1st year of Master's degree or equivalent. Students are coming from all over the world and from very different backgrounds (Educational Science, Computer Science, Psychology, Economy, Design, Medicine, Humanities, Biology, Cognitive Sciences, etc.).

- + The selection is based on proven interest in interdisciplinary work, motivation, and a previous record, as well as an interview with the pedagogical team. Students should check the Master's website and the Campus France website to determine if they are eligible to follow this training.

LANGUAGE PRE-REQUISITES

- + B2 level in English is required (ideally C1)
- + A1 level in French is required (ideally A2)

SKILLS AND COMPETENCIES DEVELOPED

- + Systems Thinking & Complexity: Develop an understanding of the complexity and interdependence of sustainability & planetary health-related issues
- + Critical Thinking: Cultivate the ability to critically assess information, formulate questions, and evaluate sustainability initiatives
- + Collaboration & Communication: Enhance teamwork and inclusive collaboration skills across multidisciplinary teams
- + Ethical Decision-making: Engage in ethical practices and promote equity and justice in sustainability initiatives
- + Interdisciplinary Work: Foster collaborative work across disciplines to develop innovative solutions for planetary health challenges
- + Creativity & Innovation: Encourage creativity and innovation in designing solutions for sustainability through FabLab projects for Frugal Prototyping
- + Digital Literacy: Develop proficiency in using digital/AI tools and platforms to support sustainability efforts

CONTACT**Master of AIRE team**

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Pedagogical Coordinator Master 1

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Pedagogical Coordinator Master 2

Ms Virginie CHOMIER

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MASTER IN MEDICINE AND ODONTOLOGY

DEVELOPMENT, INFLAMMATION, REGENERATION (D.I.R)

The masterclass « DIR: Development, Inflammation and Regeneration » aims at training research students from diverse backgrounds and areas of science, health, veterinary and engineering schools. The program introduces a panel of experimental strategies in cellular biology, physiology, pathology and biotherapy. The Master will introduce cellular (mesenchymal stem cells) and molecular determinants of the calcified tissues (bone, cartilage, tooth, ectopic calcifications), its analysis from nano-scale to anatomical level including biomechanics. Integrated cell biology will be presented in connection with the domains of developmental biology, pharmacology, immunology and genetics with a special focus on inflammation. The theme of tissue engineering and biomaterials will introduce other scientific interactions with physics, chemistry, in interface with industry.

KEY FACTS

LANGUAGE(S) OF INSTRUCTION

+ English (100%)

LENGTH OF STUDY

+ 2 years, full time

COURSE LOCATION

+ Université Paris Cité (Paris, France) - Université Paris Sorbonne Nord (Villetaneuse, France)

PARTNER

+ Université Paris Sorbonne Nord

DEGREES AWARDED:

+ Master Biologie Santé Parcours : Développement, inflammation, régénération

ENTRY REQUIREMENTS

+ Holding a Master 1 at least (240 ECTS)

LANGUAGE PRE-REQUISITES

+ B2 level in English

CONTACTS

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Glossary

M1, M2

Stands for Master 1 and Master 2, since French Master's degrees usually last two years

L1, L2, L3

Stands for Licence 1/2/3. Licence means Bachelor degree in French and the numbers are the years of study since a French Bachelor degree usually lasts 3 years

BUT

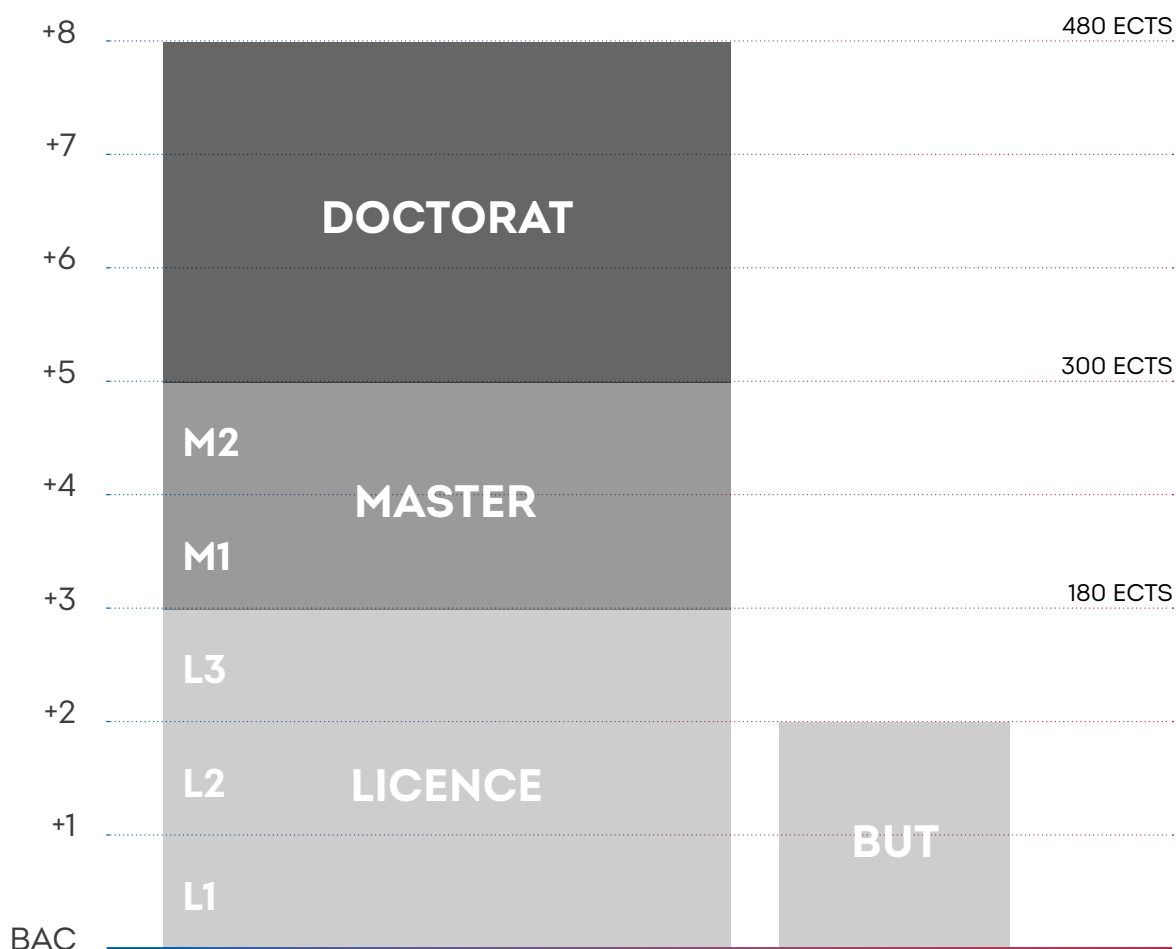
Stands for Bachelor Universitaire de Technologie

Semesters in the Masters courses

Typically semester 1 & 2 are part of the Master 1 and semester 3 & 4 are part of the Master 2

FLE

"Français Langue Étrangère" or French as a Foreign Language





INTERNATIONAL RELATIONS OFFICE

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