Master Approches interdisciplinaires de la recherche et de l'enseignement - Parcours : Approches interdisciplinaires pour la santé planétaire

SCIENCES, TECHNOLOGIES, SANTÉ

Présentation

Forging Interdisciplinary Solutions for Planetary Health

Since 2006, the Learning Planet Institute (LPI) has been at the forefront of interdisciplinary education, culturing leaders capable of addressing humanity's most pressing issues through innovative collaboration. The Master of AIRE, hosted by LPI and accredited by Université Paris Cité, is designed for students aiming to address global challenges related to sustainability and planetary health through creative and interdisciplinary approaches.

OBJECTIFS

A Unique Learning Journey. The Master of AIRE transcends traditional academic boundaries by:

- Integrating insights from life sciences, physical sciences & engineering, social sciences & humanities
- Fostering a deep understanding of complex living and social systems within environmental contexts
- Emphasising the interconnectedness of diverse fields and their critical relevance to sustainability and planetary health

Innovative Curriculum Design. Our programme is built on three core pillars:

1. Research-Led, Inquiry-Based and Project-Based Learning: Empowering students to become independent thinkers and problem-solvers
2. Planetary Engagement: Developing leadership skills for SDGs and navigating uncharted waters
3. Social and Scientific Entrepreneurship: Providing strong foundations for designing effective, real-world solutions

Experiential Learning at Its Core. Students benefit from:

- Hands-on experience through internships and laboratory work
- Collaborative projects with LPI's extensive international network of researchers and practitioners
- Opportunities to work on real-world projects, applying theoretical knowledge to practical challenges

Developing Future Leaders. The Master of AIRE cultivates:

- Critical research and analytical thinking skills
- A deep understanding of the societal implications of knowledge application
- The ability to address complex global challenges with creativity and rigour
- Leadership capabilities essential for driving transformative change in planetary health and sustainability

COMPÉTENCES VISÉES

Systems Thinking & Complexity: Develop an understanding of the complexity and interdependence of sustainability & planetary health-related issues

Pour en savoir plus, rendez-vous sur > u-paris.fr/choisir-sa-formation

Critical Thinking: Cultivate the ability to critically assess information, formulate questions, and evaluate sustainability initiatives

Collaboration & Communication: Enhance skills in teamwork and inclusive collaboration across multidisciplinary teams

Ethical Decision-making: Engage in ethical practices and promote equity and justice in sustainability initiatives

Interdisciplinary Work: Learn to collaborate across disciplines to develop innovative solutions for planetary health challenges

Creativity & Innovation: Develop creativity and innovation in designing solutions for sustainability through FabLab projects for Frugal Prototyping.

Digital Literacy: Expand your proficiency in using digital/AI tools and platforms to support sustainability efforts.

Programme

ORGANISATION

M1 year

We believe that tackling complex global challenges requires a holistic approach, one that integrates diverse perspectives and disciplines. The first year of the program (M1) will help you navigate uncharted waters thanks to core courses from different disciplines and a four-month-long internship. Here, you will not just learn; you will collaborate, explore, contribute and innovate, developing the critical thinking skills and interdisciplinary expertise needed to become a true changemaker in the field of planetary health.

M2 year

In the second year of the program (M2) your learning journey will focus on real-world impact on planetary health. The M2 curriculum combines theoretical courses in Critical Research Analysis, Research Methodology, and Social Entrepreneurship with practical experiences in co-designing interdisciplinary research projects for sustainable solutions alongside PhD students and peers. Central to this experience is the 2 to 3 internships, each lasting 3 to 5 months, which offer a unique opportunity to explore diverse fields, acquire new skills, and define your professional path. Whether you aspire to pursue a PhD, build a career in the public or private sector, or launch your initiative to address pressing global challenges, the M2 programme prepares you to shape your future and make a meaningful global impact.

STAGE

Stage : Obligatoire

Durée du stage : M1 : 4 to 6 months, M2 1st semester : 4 to 5 months, M2 2nd semester : 4 to 5 months

Stages et projets tutorés :

- **M1 students** are required to undertake a minimum of **four-month internship during the 2nd semester,** either in France or abroad (upon validation by the pedagogical team). This internship represents a critical opportunity for students to apply the knowledge and skills acquired during their intensive first-semester courses. It also allows them to explore and expand into their areas of interest, gain invaluable experience, and understand the dynamics of executing interdisciplinary projects in various real-world settings.
- **M2 1st semester** : This is the first of the two mandatory internships in our M2, and it must be performed in the Parisian area as it is mandatory to follow first semester courses at the Learning Planet Institute. It is an internship of 4 or 5 months in the organization of your choice, and you will defend it with an oral presentation in February.
- **M2 2nd semester :** This is the second mandatory internship that you will have to perform in M2. It can be done abroad. It is an internship of 4 or 5 months in the organization of your choice, and you will defend it at the end of the year in June with an oral presentation.

Pour en savoir plus, rendez-vous sur > u-paris.fr/choisir-sa-formation

Important: All internships/projects are expected to align with the LPI's values, mission, and the objectives of the Master of AIRE program, as well as support the Sustainable Development Goals (SDGs), promote planetary health, foster interdisciplinarity, and be tailored to students' backgrounds and future aspirations.

Admission

This programme is ideal for passionate individuals from diverse academic backgrounds - Life Sciences, Physical Sciences and Engineering, Social Sciences, and Humanities who aspire to drive change in sustainability and planetary health. It is a two-year, English-taught programme tailored for high-level, internationally oriented students.

ATTENDUS

Applications must be submitted through the E-candidat - Faculté de Santé Portal. The selection process for the Master of AIRE program is rigorous and aims to identify students with a strong interest in interdisciplinarity, a demonstrated commitment to innovation and research, as well as a solid academic and professional background.

- Proven interest in Interdisciplinarity
- Involvement/Interest in SDGs and Planetary Health
- Academic background
- Motivation statement/letter
- Reference letters (1 minimum)
- Research/internship interest
- Strong quantitative skills
- Future aspirations/plans

English proficiency: Proficiency in English is mandatory as all courses are conducted in English, B2 level is mandatory, and ideally C1 level is expected.

French proficiency: French is strongly recommended, ideally A1-A2 level, given the compulsory internships throughout the program, it is essential to reach an A2 level in French quickly to increase your opportunities.

Droits de scolarité :

The current annual tuition fee for the master's degree is 250€ + 100 € CVEC

Date de début de la formation : 6 sept. 2026

Et après ?

TAUX DE RÉUSSITE

Above 90%

DÉBOUCHÉS PROFESSIONNELS

Scientific research engineer
E-learning engineer
Pedagogical engineer
Multimedia educational engineer
Biomedical research engineer
Scientific research computer scientist
Scientific research digital engineer
International scientific coordinator
Human and social sciences research officer
Network coordination
Promotion of research officer

Contacts

Administrative contact
master-aire@learningplanetinstitute.org

En bref

Composante(s)
UFR de Médecine

Niveau d'études visé
BAC +5 (niveau 7)

ECTS

Pour en savoir plus, rendez-vous sur > u-paris.fr/choisir-sa-formation

120

Public(s) cible(s)

- Étudiant
- Apprenti - Alternant

Modalité(s) de formation

- Formation initiale
- Formation professionnelle
- Formation en alternance

Langue(s) des enseignements

- English

Capacité d'accueil

M1 : 25, M2 : 40

Lieu de formation

LPI - Learning Planet Institute

Pour en savoir plus, rendez-vous sur > u-paris.fr/choisir-sa-formation