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M1 Ergonomie et facteurs humains

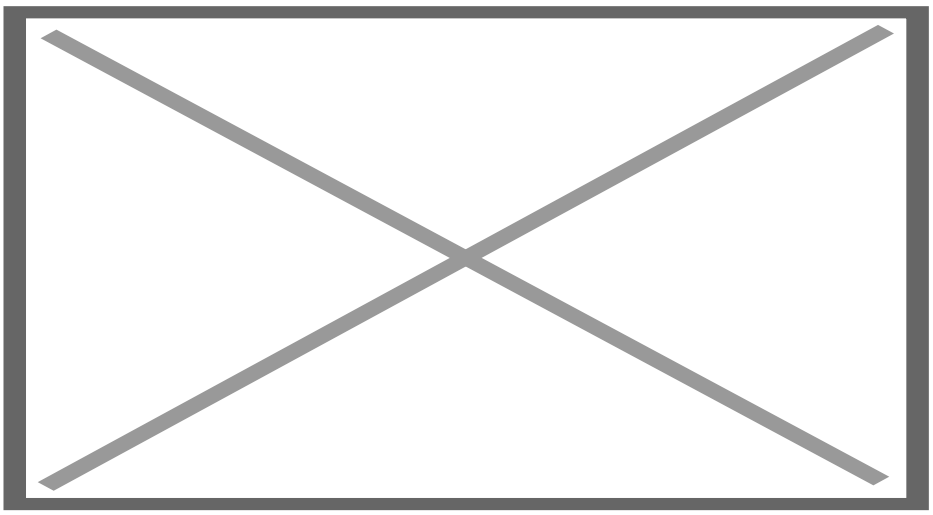
Master's degree
Specialisation Ergonomie
Enrolment type
Formation initiale
Formation continue
Language(s) of instruction
French

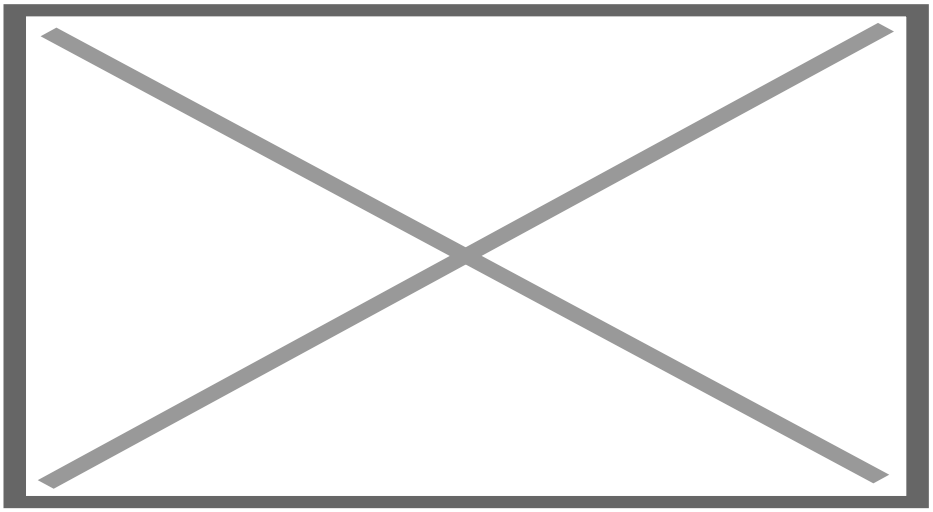
The Master's degree in Ergonomics and Human Factors aims to train ergonomists and Human Factors specialists. The first year of the Master's degree focuses on three of the five competencies covered by the full program:

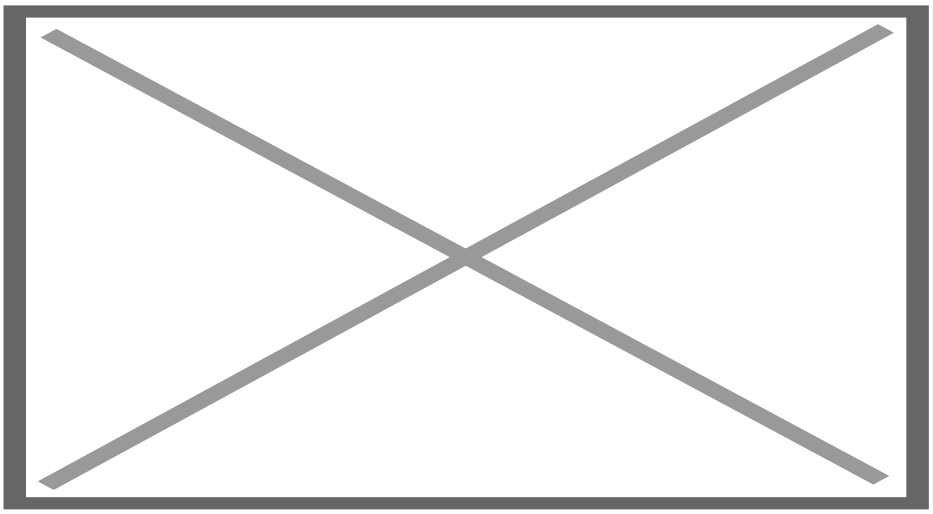
1. Understanding human activities in context using a systemic approach.
2. Adapting ergonomic practices to societal changes.
3. Conducting a reflective analysis of ergonomics, the profession of ergonomist, and one's own practice.

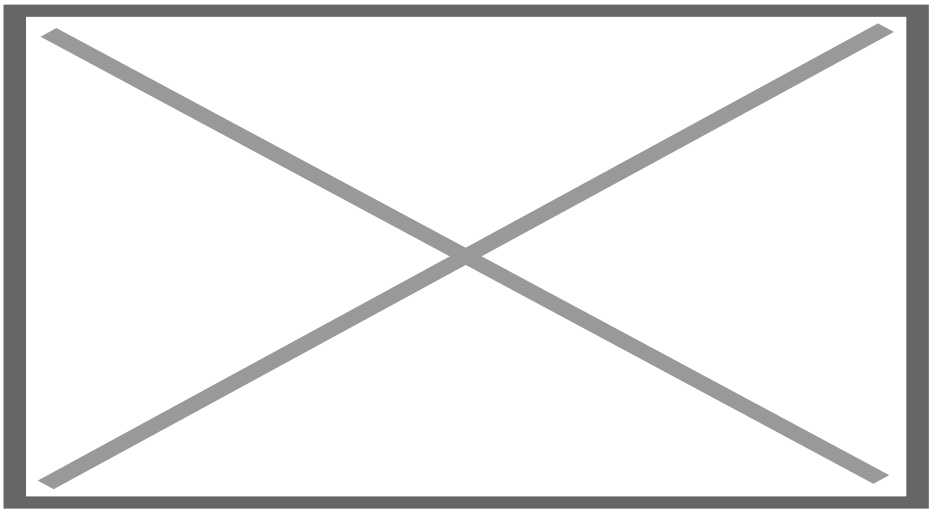
The first semester provides multidisciplinary knowledge and skills to perform an ergonomic analysis of a workstation. The second semester provides additional knowledge and skills aimed at broadening the scope of analysis to perform an ergonomic diagnosis of a work system at the level of a small enterprise.

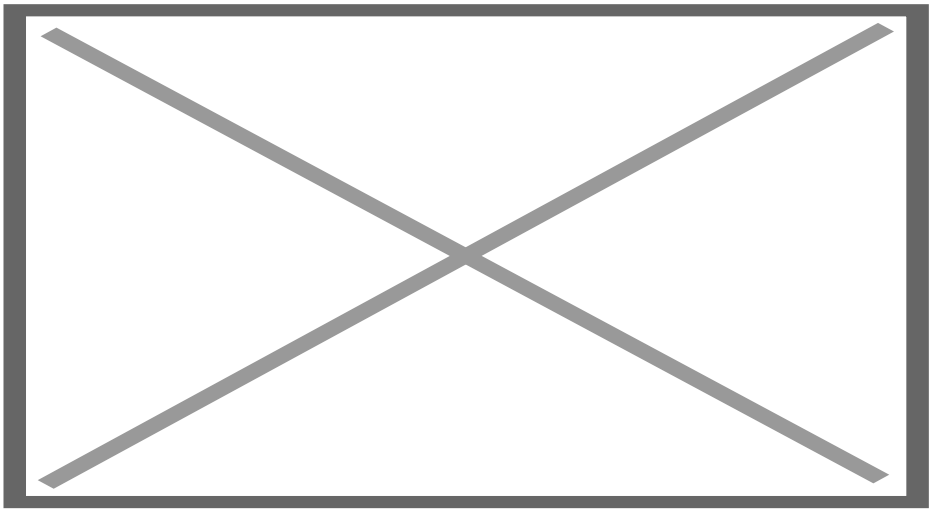
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Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

The first year of the master's programme aims to teach the skills needed to carry out an ergonomic diagnosis of a work system in a small enterprise. It is structured around three areas of competencies: 1) Understanding human activities in context using a systemic approach. 2) Adapting ergonomic practices to societal changes. 3) Conducting a reflective analysis of ergonomics, the profession of ergonomist, and one's own practice. This structuration is in line with the RNCP (National Register of Professional Certifications) entry for ergonomics: https://www.francecompetences.fr/recherche/rncp/38544/

Objectives

The first semester provides basic theoretical and methodological knowledge on human functioning and work environments from a multidisciplinary perspective (ergonomics, psychology, physiology, physics, neuroanatomy, etc.). The programme is structured around lectures supplemented by tutorials and practical work, which aim to help students develop professional skills from the very first weeks. At the end of the first semester, students must carry out an ergonomic analysis of a workstation in a real work situation in order to produce a diagnosis in terms of health and performance with regard to the human activities associated with that workstation. This exercise aims to integrate all the lessons learned in the first semester in relation to a professional situation relevant to the ergonomist's profession.

The second semester focuses on providing multidisciplinary knowledge (ergonomics, management, design, physiology, statistics, etc.) related to design processes and the functioning of socio-organisational systems. In addition, students must work in pairs to carry out an ergonomic analysis of work in a small enterprise during an internship. Throughout, they are supervised collectively by professionals and researchers in ergonomics. This work results in an academic dissertation and a defence.

Throughout the year, students are taught about the challenges concerning contemporary societal changes and transitions: ecological, digital, technological, etc.

Débouchés

Career prospects

Ergonomics
Ergonomist, consultant ergonomist
Occupational/industrial risk prevention ergonomist
Human-computer interaction ergonomist - HCI
Industrial ergonomist
Ergonomist in charge of keeping disabled people in employment
Ergonomist in the scientific research field
Human factors ergonomist
Product and service ergonomist
Head of mission / projects
Prevention officer
Human and Organisational Factors Specialist (FOH)
Design Engineer
Research Engineer
Development Engineer
Design-Production Engineer
Human Factors Engineer

Further Study Opportunities

Master of Ergonomics and Human Factors

Calendar

Start of programme (indicative date)
31/08/2026
End of programme (indicative date)
16/07/2027
Admission

Admission Route

Sociology
Psychology
Educational sciences
Human sciences, anthropology, ethnology
Life Sciences
Physical and sports sciences
Health sciences
Engineering Sciences

Capacity

Available Places

24

Target Audience and Entry Requirements

The Master's degree in Ergonomics and Human Factors recruits students who have completed a bachelor's degree in science (biology, physics), humanities and social sciences (psychology, sociology, anthropology), sports science, health, safety and environmental quality, or who have training in health and paramedical professions. The programme is also open to continuing education for anyone who already has professional experience and wishes to train in ergonomics and the profession of ergonomist.

Période(s) de candidature

Inception Platform

From 15/01/2026 to 16/03/2026

MonMaster Platform

From February 17th to March 16th, 2026

To find out which platform you should apply through, please see the Masters' applications and enrolment page.

Supporting documents

Compulsory supporting documents

Motivation letter.

Professional project.

All transcripts of the years / semesters validated since the high school diploma at the date of application.

Certificate of French (compulsory for non-French speakers).

Curriculum Vitae.

Additional supporting documents

Certificate of English level.

VAP file (obligatory for all persons requesting a valuation of the assets to enter the diploma).

Supporting documents :
- Residence permit stating the country of residence of the first country
- Or receipt of request stating the country of first asylum
- Or document from the UNHCR granting refugee status
- Or receipt of refugee status request delivered in France
- Or residence permit stating the refugee status delivered in France
- Or document stating subsidiary protection in France or abroad
- Or document stating temporary protection in France or abroad.

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dis lea c
Model of Human in activity	8	Semester 1	76.5		6				
Charger le détail									
Occupational health issues	3	Semester 1	23	7					
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dis lea c
Theory and methods for the assessment of MSD	3	Semester 1	18.5		10.5				
Charger le détail									
Cognition in situation: theories and methods	6	Semester 2	35.5	14	12.5				
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Ergonomics: concepts and methods	4	Semester 1	21	4	14			
Charger le détail								
Basic methods in ergonomics: collection, processing, analysis	6	Semester 1	26		34			
Charger le détail								
Understanding work environments: concepts, instruments and metrology	3	Semester 1	15		20			
Charger le détail								
Understanding work organization	3	Semester 2	14	14				
Charger le détail								
Communicating internationally	2	Semester 2		20				
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dista learn cou

Designing situations adapted to the aging of the population	2	Semester 2	10.5		10.5				
Charger le détail									
Design of complex systems 1	6	Semester 2	28	14	14				
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical class	directed study/practical class	dist lea co
Ergonomic analysis of a workstation	3	Semester 1			19				
Charger le détail									
Ergonomic work analysis	3	Semester 2	10.5		24.5				
Charger le détail									
Building the conditions for an intervention	2	Semester 2	7		7				
Charger le détail									
Internship: building a diagnosis	6	Semester 2							
Charger le détail									

Teaching Location(s)

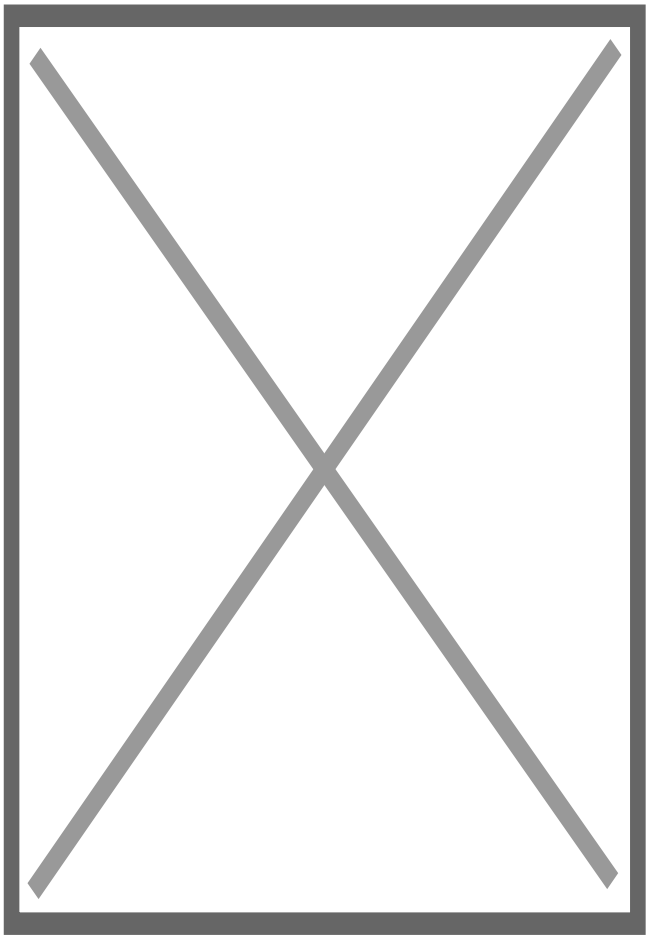
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Academic Partner(s)

Université Paris-Saclay, UFR Staps, mention IEAP, parcours ISMH

Training campus

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Contact

- **Chloé Le bail**

http://www.universite-paris-saclay.fr/formation/master/ergonomie/m1-ergonomie-et-facteurs-humains