Clinical research has generated tremendous knowledge on diagnosis and treatment. However, it does not provide sufficient information to determine what treatment works best, for whom, and under which conditions.

**Comparative Effectiveness Research (CER)** addresses these issues by identifying the most effective interventions for specific patient groups. It is a growing area of cutting-edge research that is elevated at the level of national initiative in the USA. It is “the generation and synthesis of evidence that compares the benefits and harms of alternative methods to prevent, diagnose, treat, and monitor a clinical condition or to improve the delivery of care”.

**OBJECTIFS**

This is a unique opportunity for students to get a specialised Master in Comparative Effectiveness Research, a first of its kind in Europe, offered by top-level professors coming from the Amsterdam University, the Danube University, the Ioannina University, the Oxford University, the Paris Descartes University, the Paris Diderot University, the Queen’s University Belfast, the Utrecht University, and the York University.

This new Master of Science 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.

**COMPÉTENCES VISÉES**

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 finishing 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,
* Practical experience within a research or professional environment. 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.
For details on the course, please see our website: www.mastercer.com

Programme

ORGANISATION

Classes are full-time and take place from early October to mid-December (Monday to Friday, all day). Each week is dedicated to one module that is delivered by two outstanding international lecturers. Classes take place at Reid Hall, Columbia Global Centers, 4 rue de Chevreuse, 75006 Paris. Each week, there are presentations from the lecturers, exercises in class, and student presentations (in group).

Examinations usually take place early January.

Upon the completion of formalised courses and examinations in January, students will have to complete a six-month internship. The internship can take place in France or abroad, in public health agencies and companies, in research laboratories, etc. and is supervised by a senior researcher. The thesis defence will be in June or July.

Retake exams usually take place in July, except for the thesis defence (September).

If you have questions, please ask our coordinator at master.admin.htd@aphp.fr

Admission

Date de début de candidature : 15 mars 2021
Date de fin de candidature : 15 mai 2021

Et après ?

POURSUITE D'ÉTUDES

Continuing into a PhD degree is a possibility.

TAUX DE RÉUSSITE

85%

INSERTION PROFESSIONNELLE

The following career paths could be pursued after the completion of the current Master’s programme: joining research agencies (R&D), NGOs, think-tanks, government or international agencies working on health issues, and many other professional opportunities.

Contacts

Pour en savoir plus, rendez-vous sur > u-paris.fr/choisir-sa-formation
Contact administratif
+33 (0)1 53 10 46 56
masters.medecine@u-paris.fr

Contact administratif
+33 (0)142347815
admissions@mastercer.com

Responsable du diplôme
Philippe Ravaud
philippe.ravaud@aphp.fr

Responsable du diplôme
Isabelle Boutron
isabelle.boutron@aphp.fr

En bref

Composante(s)
Faculté de médecine

Niveau d'études visé
BAC +5

Durée
1 an

ECTS
60

Public(s) cible(s)
- Demandeur d'emploi
- Salarié - Profession libérale
- Étudiant

Modalité(s) de formation
- Formation initiale
- Formation continue

Validation des Acquis de l'Expérience
Oui

Langue(s) des enseignements
- Anglais

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