

Master Santé publique – Parcours : Comparative effectiveness research

SCIENCES, TECHNOLOGIES, SANTÉ

Présentation

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”.

This university program is part of Université Paris Cité's Graduate School of Public Health, linking master's and doctoral courses with advanced research labs. The program in English emphasizes comparative effectiveness in research, covering clinical epidemiology, biostatistics, and research methodology. [Read more >](#)

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 Queen's University Belfast, the Utrecht University, the York University, and Université Paris Cité.

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,

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

- 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

A detailed calendar is available on www.mastercer.com

Classes are full-time and take place from late October to mid-January (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 will take place late 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 July.

Retake exams usually take place in summer; the retake of the thesis defence takes place in September.

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

STAGE

Stage : Obligatoire

Durée du stage : About six months, from January to July.
Maximum 924h.

Admission

Droits de scolarité :

Les droits d'inscription nationaux sont annuels et fixés par le ministère de l'Enseignement supérieur de la Recherche. S'y ajoutent les contributions obligatoires et facultatives selon la situation individuelle de l'étudiant.

Des frais de formation supplémentaires peuvent s'appliquer au public de formation professionnelle. Plus d'informations [ici](#).

Et après ?

POURSUITE D'ÉTUDES

Continuing into a PhD degree is a possibility.

TAUX DE RÉUSSITE

85%

DÉBOUCHÉS PROFESSIONNELS

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

Léa Sicard
+33 (0)1 42 34 78 35
master.admin.htd@aphp.fr

Responsable du diplôme

Philippe Ravaud
philippe.ravaud@aphp.fr

Responsable du diplôme

Isabelle Boutron
isabelle.boutron@aphp.fr

En bref

Composante(s)

UFR de Médecine

Niveau d'études visé

BAC +5 (niveau 7)

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