What is Comparative Effectiveness Research?

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”.

An innovative approach

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.

Organisation

The offered Master of Science in Comparative Effectiveness Research is a second-year course that is a part of a two-year Master in Public Health programme. This Master’s programme comprises 10 modules, which are delivered through a range of interactive learning strategies. The programme includes the latest methods and advances in the field of CER, epidemiology and biostatistics. Courses will include applied, hands-on sessions allowing the use of various epidemiological methods, statistical methods, analysis of various types of data and other. This research Master programme will start in October and finish in July. Upon the completion of formalised courses, the students will have to complete a 5-month internship. The awarding of the Master’s degree will depend on successful completion of the formalised courses and the thesis defence.

In addition to the international teaching settings the students will benefit from the vast professional network maintained by faculty members. In particular, the non-academic networks include the Cochrane Collaboration, the EQUATOR Network, the CONSORT Network, INSERM, and others. This Masters programme strives to strengthen via the internship the connection and the mutualisation of the research discoveries between the academic and non-academic partners. The latter encourages the acquisition of the transferable skills needed to succeed in a 21-century research setting and for the smooth transition to the professional world.

Programme

- M 2 R COMPARATIVE EFFECTIVENESS RESEARCH

Conditions d'admission

Registration is open for the academic year 2017-2018

Entry requirements

Applicants must meet minimum requirements to enrol in the Master’s programme. These are:

* Hold a Master’s degree or first year Master’s degree (M1, MS) in related fields such as epidemiology, biostatistics, public health, mathematics.
* or successful completion of 4 years of study in epidemiology, biostatistics, public health, mathematics or related fields
* Proficiency in English language.

**When to apply**
Application deadline is on July 7, 2017

**How to apply**
You can apply online (strongly recommended). You should upload your application with supporting documents by the stated deadline. You should scan and upload your transcripts and recommendation letters online. Your application will not be processed until we have received all the required documents.

**Application documents must be submitted in English in .doc, .pdf or in jpg.extensions**

**Required application materiel must be submitted in English**

1. A duly filled out application form
2. A personal statement addressing your interest in a specific programme and your future career goals (400 – 600 words);
3. Curriculum vitae, please use https://europass.cedefop.europa.eu to create your CV;
4. A scanned copy of your last or relevant diploma and its translation if it is not in English or in French;
5. An official transcript and its translation if it is not in English or in French;
6. 2 recommendation letters;
7. Evidence of English language proficiency, if any. If your first language is not English and if your previous degree has not been taught entirely in English, you will be required to provide evidence of your English language proficiency.

**Modalités de candidature**

**APPLICATION PROCEDURE**
Apply online on the Master’s official website
Before July 7, 2017

Announcement of admissions : End of July, 2017

**REGISTRATION PROCEDURE**
Registration in July (after admissions), September & October 2017.
Insertion professionnelle

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

Contact(s) administratif(s)

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M 2 R COMPARATIVE EFFECTIVENESS RESEARCH

Programme

· Semestre 3
  · UE1 Methods in randomised controlled trials I
  · UE2 Methods in randomised controlled trials II
  · UE3 Methods in diagnostic tests, biomarkers, and screening
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  · UE4 Methods in observational studies in CER
  · UE5 Methods in systematic reviews and meta-analysis I
  · UE6 Methods systematic reviews and meta-analysis II
  · UE7 Network meta-analysis
  · UE8 CER and personalised or stratified medicine
  · UE9 Routinely collected or stratified medicine
  · UE10 CER case studies

· Semestre 4
  · UE11 Stage

EN BREF

crédits ECTS : 60