Master de spécialisation en public health methodology

Ce programme est donné en anglais.

Débouchés

Graduates enter careers in global health and national health policy and planning, academic and operational research, advisory roles for governments and international agencies.
This one-year Master enables health professionals to specialize and to master the tools necessary for the understanding of diseases and of their determinants (epidemiology and biostatistics), organization and policy, systems and health services management along with the development of social approaches to health. Transversal skills will be developed such as research methodology, scientific writing and capitalization of public health actions.

Objectif des études

This programme is intended for public health professionals and health managers, who work at different levels of the health system. The main goal is to provide a large degree of autonomy in the use of public health methods to achieve the overall objective: “ensure methodological approaches and public health decision-makings, consistent with the needs of people, communities and individuals.” This specialized master thus highlights the methodologies for analysing and investigating major health issues, especially in developing countries, within a global health approach.

profil d’enseignement [http://sam-docs.ulb.ac.be/referentiels/201920/L/MS-STME.pdf]

Cursus

This 60 credits (ECTS) programme, which covers different methodological aspects, is composed of a compulsory part (50 ECTS) and an optional part (10 to 20 ECTS among the 20 ECTS proposed).
The compulsory part of the program counts for 50 ECTS:
- Health economics and quality management (5 ECTS)
- Health system management (5 ECTS)
- Operational research (5 ECTS)
- Master Thesis (15 ECTS)
The several optional teaching units are related to:
- Advanced methods in biostatistics and epidemiology (5 ECTS)
- The WHO strategy for incorporation of traditional medicine in healthcare (5 ECTS)
- Special research questions in public health (5 ECTS)
- Special research question in emergency situations (5 ECTS)
For more information: https://www.ulb.ac.be/facs/esp/esp-en.html

Les + de la formation

This training aims to strengthen the link between academic research and applied topics such as public health programmes and health systems management. It gives graduates knowledge and skills to undertake public health research as well as to provide leadership and technical support in public health programmes and policy, particularly in middle- and low-income countries.

Méthodes d’enseignement

The programme consists in lectures, exercises as well as in-group and individual assignments and presentations.
At the end of the programme, the Master’s thesis consists in producing an individual work which will be an integration of the several methods and concepts viewed during the year. It will be based on preexisting databases (biostatistics, epidemiology, public health systems...). A PhD project may also be prepared for the thesis evaluation.

International/Ouverture vers l’extérieur

Partnership with the University of Liverpool (qualitative methods)
Some lectures are given by invited experts, especially from middle- and low-income countries.

Aide à la réussite

Due to the manageable size of the class, close interactions between students, and academic and administrative staff are offered. The students, who come from various contexts, may face different challenges but also highly benefit from mutual enrichment. Teachers are encouraged to develop interactive and dynamic learning. For students facing difficulties in learning, individual support may be provided.

Intitulé du programme: Master de spécialisation en public health methodology

Mnémonique du programme: MS-STME

Type d'études: Masters spécialisés

Langue de l'enseignement:

Horaire:

Campus: Erasme et Autre campus
Master de spécialisation en public health methodology

Année unique

Cours obligatoires bloc 1

**MEMO-L650**  
**Thesis**  
Katia CASTETBON (Coordonnateur), Isabelle GODIN et Annie ROBERT  
15 crédits [cours magistral: 12h, exercices dirigés: 40h, séminaires: 24h, travaux personnels: 104h]  
Anglais

**SAPU-L6513**  
**Epidemiology**  
Katia CASTETBON (Coordonnateur), Jean-Marie DEGRYSE et Séverine HENRARD  
5 crédits [cours magistral: 24h, exercices dirigés: 12h, travaux personnels: 24h]  
Anglais

**SAPU-L6521**  
**Qualitative methods and contextual factors in public health**  
Isabelle GODIN (Coordonnateur) et Katie BRISTOW  
5 crédits [cours magistral: 24h, exercices dirigés: 12h, travaux personnels: 24h]  
Anglais

**SAPU-L6522**  
**Operational research**  
Aline Labat (Coordonnateur), ISALINE GREINDL et Patrick MARTINY  
5 crédits [cours magistral: 24h, exercices dirigés: 16h, séminaires: 32h, travaux personnels: h]  
Anglais

**SAPU-L6525**  
**Biostatistics in public health : part I**  
Fati KIRAKOYA (Coordonnateur)  
5 crédits [cours magistral: 24h, exercices dirigés: 28h, travaux personnels: 12h]  
Anglais

**SAPU-L6526**  
**Biostatistics in public health : part II**  
Fati KIRAKOYA (Coordonnateur)  
5 crédits [cours magistral: 36h, exercices dirigés: 24h, travaux personnels: h]  
Anglais

**SAPU-Y651**  
**Health economics & Quality management**  
Giuseppe PAGANO (Coordonnateur), Christian DELVOSALLE, Lahcen E.Hiki et Frank VENMANS  
5 crédits [cours magistral: 48h, travaux personnels: 12h]  
Anglais

**SAPU-Y652**  
**Health System management**  
Patrick MARTINY (Coordonnateur), Mathieu Pleyers et André VANDENBERGHE  
5 crédits [cours magistral: 36h, exercices dirigés: 24h]  
Anglais

Optional modules

*De 10 à 25 crédits à choisir parmi*

**SAPU-Y661**  
**The WHO Strategy for incorporation of Traditional Medicine in healthcare**  
Pierre DUEZ (Coordonnateur)  
5 crédits [cours magistral: 12h, exercices dirigés: 12h, travaux personnels: 36h]  
Anglais

**SAPU-Y662**  
**Special research questions in public health**  
Annie ROBERT (Coordonnateur) et Sophie VANWAMBEKE  
5 crédits [cours magistral: 24h, exercices dirigés: 12h]  
Anglais

**SAPU-Y663**  
**Special research questions in emergency situations**  
Debarati GUHA-SAPIR (Coordonnateur) et Jean-Marie DEGRYSE  
5 crédits [cours magistral: 36h, travaux personnels: 24h]  
Anglais

**SAPU-Y670**  
**Advanced methods in biostatistics and epidemiology**  
Nico SPEYBROECK (Coordonnateur) et Fati KIRAKOYA  
5 crédits [cours magistral: 52h, exercices dirigés: h, séminaires: 8h, travaux personnels: h]  
Anglais