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 in governments and international agencies. This one-year master enables health professionals to specialize in the understanding of diseases and of their determinants (epidemiology and biostatistics), organization and policy, systems and health services management (health economics, human relation management, quality and risk management, health planning and operational research) as well as 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, 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.

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 25 ECTS among the 30 ECTS proposed).

The compulsory part of the program counts for 50 ECTS:

- Biostatistics (10 ECTS) and Epidemiology (5 ECTS)
- Qualitative methods and contextual factors in public health (5 ECTS)
- Health economics and quality management (5 ECTS)
- Planning and health system research and management (5 ECTS)
- Operational research and south lectures (5 ECTS)
- Master Thesis (15 ECTS)

The several optional teaching units are related to:

- Health surveys research (5 ECTS)
- 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)
- Interdisciplinary seminars in translational medicine (5 ECTS)

For more information : https://www.ulb.ac.be/facs/esp/esp-en.html

Les + de la formation

The programme aims at developing knowledge and skills (competence based development) but also at helping students to turn what they learnt into action. At the end of this course, students will have acquired a large degree of autonomy in the use of public health methods and the transmission of this knowledge in professional life.

Méthodes d’enseignement

The programme consists in theoretical lectures, exercises as well as group or individual assignments and presentations to the class. 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.

International/Ouverture vers l’extérieur

In this programme, we have guest lecturer from the University of Liverpool; and as part of South Lectures, one or two guest
lecturers, experts in the public health field, chosen among the partner countries of the Belgian non-governmental cooperation.

Aide à la réussite

Due to the size of the class, we are able to offer a close supervision. The students can be in continuous interaction with both the academic and administrative staff. The students which come from different contexts may face very different challenges. Therefore, individual and close tutelage can facilitate a dynamic learning. Basic aid may be available: in case of problems with computers for example, remedial sessions with student assistants can be arranged. It is also asked to the teachers to implement regular self-assessment devices so that learners can compare themselves to matter and objectify their limits in order to rectify the situation before the formal evaluations. Finally, through the collaborative climate established in the teachings, the barriers experienced by some learners could be lifted by the learners more comfortable in the concerned matter.

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  Thèse  Katia CASTETBON (Coordonnateur), Fati KIRAKOYA et Annie ROBERT

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

SAPU-L6521  Méthodes qualitatives et facteurs contextuels en santé publique  Isabelle GODIN (Coordonnateur) et Katie BRISTOW
- 5 crédits [cours magistral: 24h, exercices dirigés: 12h, travaux personnels: 24h]  Anglais

SAPU-L6522  Recherche opérationnelle et conférences South  Aline Labat (Coordonnateur), ISALINE GREINDL et Patrick MARTINY
- 5 crédits [cours magistral: 24h, séminaires: 12h, travaux personnels: 24h]  Anglais

SAPU-L6525  Biostatistiques en santé publique : partie I  Fati KIRAKOYA (Coordonnateur) et Lionel Larcin
- 5 crédits [cours magistral: 36h, exercices dirigés: 24h]  Anglais

SAPU-L6526  Biostatistiques en santé publique : partie II  Fati KIRAKOYA (Coordonnateur) et Benoît BECK
- 5 crédits [cours magistral: 24h, exercices dirigés: 12h, travaux personnels: 24h]  Anglais

SAPU-Y651  Économie de la santé & Gestion de la qualité  Giuseppe PAGANO (Coordonnateur), Christian DELVOSALLE, Lahcen El Hiki et Frank VENMANS
- 5 crédits [cours magistral: 44h, travaux personnels: 12h]  Anglais

SAPU-Y652  Planification et recherche et gestion du système de santé  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

BIME-G5505  Interfaculty & interdisciplinaire program in translational medicine  Hilde STEVENS (Coordonnateur)
- 5 crédits [cours magistral: 40h, exercices dirigés: 20h]  Anglais

SAPU-L6623  Études de santé  Isabelle GODIN (Coordonnateur), Katia CASTETBON, Lydia GISLE et Jean TAFFOREAU
- 5 crédits [cours magistral: 22h, exercices dirigés: 22h, travaux personnels: 12h]  Anglais

SAPU-Y661  La stratégie de l'OMS pour l'intégration des médecines traditionnelles dans le système de santé  Pierre DUEZ (Coordonnateur)
- 5 crédits [cours magistral: 12h, exercices dirigés: 12h, travaux personnels: 36h]  Anglais

SAPU-Y662  Questions de recherche spécifiques en santé publique  Annie ROBERT (Coordonnateur) et Sophie VANWAMBEKE
- 5 crédits [cours magistral: 24h, exercices dirigés: 12h]  Anglais

SAPU-Y663  Questions de recherche spécifiques en situations d'urgence  Debarati GUHA-SAPIR (Coordonnateur) et Jean-Marie DEGRYSE
- 5 crédits [cours magistral: 36h, travaux personnels: 24h]  Anglais

SAPU-Y670  Méthodes avancées de biostatistiques et épidémiologie  Nico SPEYBROECK (Coordonnateur) et Fati KIRAKOYA
- 5 crédits [cours magistral: 32h, exercices dirigés: 20h, travaux personnels: 12h]  Anglais