



Master de spécialisation en public health methodology

Cette formation est enseignée en anglais.

Mnémonique du programme

MS-STME

Type d'études

Master spécialisé

Langue de l'enseignement

anglais

Horaire

journée

Catégorie / thématique

Santé / Sciences de la santé publique

Campus

Autre campus et Erasme

Les + de la formation

This Specialized Master thus addresses methodologies of analysis and investigation of major health problems, including a global health approach. It also intends to give to the learners a strong basis for a systemic understanding of health problems as well as contextual and environmental factors that may determine answers to the main health issues.

Indeed, this training offers a strengthened specialization in quantitative methods (epidemiology and biostatistics), through applied learning using the tools necessary and that are subject to the final work (thesis). However, since such methods cannot be used alone in any public health perspective, other methods are addressed in complement and in a deep manner: analysis of contextual factors; analysis of health systems; epidemiology in conflict and emergency situations; research in NGOs; health economics; qualitative research; international rights and institutions...

Objectif des études

The Specialized Master in Public Health Methodology aims at developing and reinforcing methodological skills of public health actors, with a focus on middle- and low-income countries issues but not limited to.

The programme is intended for various health professionals, who work at different levels of the health system: medical doctors; nurses and other paramedical with complementary training in research; social sciences professionals involved in public health; biostatisticians and public health researchers; decision makers and executives... The goal is to acquire high-quality scientific skills needed for the development of analytical and specialized approaches. The targeted skills tend towards the achievement of an overall objective intended to: "ensure methodological approaches and public health decision-makings, consistent with the needs of populations, communities and individuals."

Méthodes d'enseignement

The programme consists in lectures, practical 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 (biostatistics, epidemiology, public health systems...). It will be based on preexisting databases. A PhD project may also be prepared for the thesis evaluation with the support of teachers.

International/Ouverture vers l'extérieur

Some lectures are given by invited experts, especially from middle- and low-income countries. Opportunities are also given to follow on one hand, local conferences and seminars (annual seminar of the Belgian Platform for International Health - Because Health) and on the other hand, French classes.



Débouchés

The future graduates will be able to develop, lead, implement and evaluate public health programmes and projects, in international institutions, ministries of health, hospitals, as managers of health districts or centers, researchers in universities, research institutes, and in the frame of international research projects for instance. The program is developed so that graduates will be operating in operational projects and/or scientific research.

Contacts

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 <https://esp.ulb.be/fr/les-etudes/english-teaching>

Président du jury

Katia CASTETBON



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This 60 credit (ECTS) programme is composed of a compulsory part (50 ECTS) and an optional part (10 to 15 ECTS among the 15 ECTS proposed).
For more information: <https://esp.ulb.be/fr/les-etudes/english-teaching>

Année unique | MS-STME

Cours obligatoires bloc 1

- MEMO-L650 **Thesis** | Katia CASTETBON (Coordonnateur) et Annie ROBERT
⌚ 15 crédits [exercices dirigés: 24h, séminaires: 48h, travaux personnels: 156h] 📅 1e et 2e quadrimestre 🗨 Anglais
- SAPU-L6513 **Methods in Epidemiology** | Katia CASTETBON (Coordonnateur)
⌚ 3 crédits [cours magistral: 28h, exercices dirigés: 8h] 📅 premier quadrimestre 🗨 Anglais
- SAPU-L6525 **Biostatistics in public health : part I** | Samuel Salvaggio (Coordonnateur)
⌚ 5 crédits [cours magistral: 24h, exercices dirigés: 36h] 📅 premier quadrimestre 🗨 Anglais
- SAPU-L6526 **Biostatistics in public health : part II** | Bram VANHOUTTE (Coordonnateur) et Katia CASTETBON
⌚ 5 crédits [cours magistral: 36h, exercices dirigés: 24h] 📅 deuxième quadrimestre 🗨 Anglais
- SAPU-L6527 **Protocol development and health examination survey** | Isabelle GODIN (Coordonnateur) et Katia CASTETBON
⌚ 2 crédits [cours magistral: 12h, exercices dirigés: 12h] 📅 premier quadrimestre 🗨 Anglais
- SAPU-L6528 **Qualitative methods : data collection and analysis** | Sarah O'NEILL (Coordonnateur) et Chiemeka Onyeze-Joe
⌚ 3 crédits [cours magistral: 12h, exercices dirigés: 12h, travaux personnels: 12h] 📅 premier quadrimestre 🗨 Anglais
- SAPU-L6529 **Health system & public health research** | Aline Labat (Coordonnateur)
⌚ 4 crédits [cours magistral: 12h, séminaires: 36h] 📅 premier quadrimestre 🗨 Anglais
- SAPU-L6530 **Research in health : dissemination & systematic reviews** | Katia CASTETBON (Coordonnateur)
⌚ 2 crédits [cours magistral: 12h, exercices dirigés: 12h] 📅 deuxième quadrimestre 🗨 Anglais
- SAPU-L6531 **Contextual factors in public health** | Isabelle GODIN (Coordonnateur)
⌚ 1 crédit [cours magistral: 12h] 📅 deuxième quadrimestre 🗨 Anglais
- SAPU-Y651 **Health economics & Risk management** | Lahcen El Hiki (Coordonnateur)
⌚ 5 crédits [cours magistral: 48h, exercices dirigés: 8h, travaux personnels: 12h] 📅 deuxième quadrimestre 🗨 Anglais
- SAPU-Y653 **Clinical-decision making** | Annie ROBERT (Coordonnateur)
⌚ 2 crédits [cours magistral: 15h, exercices dirigés: 9h] 📅 premier quadrimestre 🗨 Anglais
- SAPU-Y654 **Management of Health services** | Mathieu Pleyers (Coordonnateur)
⌚ 3 crédits [cours magistral: 24h, exercices dirigés: 12h] 📅 premier quadrimestre 🗨 Anglais

Optional modules

De 10 à 15 crédits à choisir parmi

- SAPU-Y670 (optionnel) **Advanced methods in biostatistics and epidemiology** | Nico SPEYBROECK (Coordonnateur) et Fati KIRAKOYA
⌚ 5 crédits [cours magistral: 32h, exercices dirigés: 20h, travaux personnels: 8h] 📅 deuxième quadrimestre 🗨 Anglais
- SAPU-Y671 (optionnel) **International health and rights : organizations and actors** | Pierre DUEZ (Coordonnateur)
⌚ 5 crédits [cours magistral: 39h, exercices dirigés: 21h] 📅 premier quadrimestre 🗨 Anglais
- SAPU-Y672 (optionnel) **Infectious & environmental diseases : epidemiology & prevention** | Sophie VANWAMBEKE (Coordonnateur) et Annie ROBERT
⌚ 5 crédits [cours magistral: 27h, exercices dirigés: 17h, travaux personnels: 16h] 📅 deuxième quadrimestre 🗨 Anglais

