

# Master in Public Health

## Focus Epidemiology and biostatic

The Master in Public Health is a master with a professional focus that prepares students to work in public health; it is suited to industrialised as well as developing countries.

Students in this programme can choose one of four specialisations. The common core includes courses totalling 60 credits -including internships, interdisciplinary seminars, and master thesis- and specialised courses to be chosen in one of the four following orientations:

- > Biostatistics and epidemiology
- > Health services management
- > Health systems policies and health promotion
- > Environmental health

The focus on health systems management offers three options: health services management, nursing unit management, and clinical nursing sciences.

### Bloc 1 | M-SAPUB | MA-SAPU

## Cours obligatoires

Coordinatrice de la finalité: Fati KIRAKOYA

INFO-L402	<a href="#">Logiciels d'analyse de données en santé</a>   Fati KIRAKOYA (Coordinator) ⌚ 5 credits [lecture: 24h, tutorial classes: 24h, personal assignments: 12h] 📅 second term 🗨 French
SAPU-L4012	<a href="#">Méthodes quantitatives en santé publique, y compris Démographie</a>   Bram VANHOUTTE (Coordinator) ⌚ 5 credits [lecture: 36h, tutorial classes: 24h] 📅 first term 🗨 French
SAPU-L4013	<a href="#">Méthodes qualitatives en santé publique</a>   Céline MAHIEU (Coordinator) ⌚ 5 credits [lecture: 24h, tutorial classes: 24h, personal assignments: 12h] 📅 second term 🗨 French
SAPU-L4021	<a href="#">Problèmes de santé et environnement</a>   Catherine BOULAND (Coordinator), Yves COPPIETERS'T WALLANT and Philippe DONNEN ⌚ 5 credits [lecture: 36h, personal assignments: 24h] 📅 first term 🗨 French
SAPU-L4022	<a href="#">Facteurs socio-économiques, psychosociaux et promotion de la santé</a>   Céline MAHIEU (Coordinator), Isabelle GODIN and Sandra TRICAS-SAURAS ⌚ 5 credits [lecture: 36h, personal assignments: 24h] 📅 second term 🗨 French
SAPU-L4023	<a href="#">Politiques, systèmes et économie de la santé</a>   Philippe VAN WILDER (Coordinator) and Dimitri Renmans ⌚ 5 credits [lecture: 36h] 📅 first term 🗨 French
SAPU-L4024	<a href="#">Concepts et méthodes en santé publique</a>   Philippe DONNEN (Coordinator) and Isabelle GODIN ⌚ 5 credits [lecture: 48h, tutorial classes: 12h] 📅 first term 🗨 French
SAPU-L4118	<a href="#">Analyse approfondie des données de santé</a>   Bram VANHOUTTE (Coordinator) ⌚ 10 credits [lecture: 55h, tutorial classes: 45h, personal assignments: 20h] 📅 second term 🗨 French
SAPU-L4119	<a href="#">Etudes d'intervention en santé</a>   Katia CASTETBON (Coordinator), Yves COPPIETERS'T WALLANT, Philippe DONNEN and Judith RACAPE ⌚ 5 credits [lecture: 48h, tutorial classes: 12h, personal assignments: 36h] 📅 second term 🗨 French
SAPU-L4122	<a href="#">Du projet aux résultats</a>   Fati KIRAKOYA (Coordinator) and Ouindpanga Samadoulougou ⌚ 10 credits [lecture: 38h, tutorial classes: 6h, personal assignments: 76h] 📅 second term 🗨 French

# Master in Public Health

## Focus Epidemiology and biostatic

### Bloc 2 | M-SAPUB | MA-SAPU

## Cours obligatoires

Coordinatrice de la finalité : Fati KIRAKOYA

- MEMO-L501 **Mémoire - Epidémiologie & biostatistique** | Isabelle GODIN (Coordinator), Philippe DONNEN and Fati KIRAKOYA  
 ⌚ 15 credits [lecture: 12h, tutorial classes: 12h] 📅 academic year 🗨️ French
- SAPU-L5216 **Application des méthodes quantitatives dans les questions prioritaires de santé** | Yves COPPIETERS'T WALLANT (Coordinator), Katia CASTETBON, Philippe DONNEN and Olivier VANDENBERG  
 ⌚ 10 credits [lecture: 30h, tutorial classes: 30h, personal assignments: 60h] 📅 first term 🗨️ French
- SAPU-L591 **Stages - Epidémiologie & Biostatistiques, y compris les séminaires transversaux** | Fati KIRAKOYA (Coordinator)  
 ⌚ 10 credits [seminars: 12h, work placement: 168h, personal assignments: 120h] 📅 second term 🗨️ French
- STAT-L5214 **Modélisations statistiques avancées** | Judith RACAPE (Coordinator) and Yves COPPIETERS'T WALLANT  
 ⌚ 5 credits [lecture: 28h, tutorial classes: 12h, personal assignments: 20h] 📅 first term 🗨️ French
- STAT-L5215 **Analyse du changement et des données groupées** | Bram VANHOUTTE (Coordinator)  
 ⌚ 5 credits [lecture: 28h, tutorial classes: 12h, personal assignments: 20h] 📅 first term 🗨️ French

*A total of 15 credits chosen from the following*

- ENVI-F5002 (optional) **Psychologie de l'environnement, et de la communication** | Sabine POHL (Coordinator)  
 ⌚ 5 credits [lecture: 24h] 📅 first term 🗨️ French
- ENVI-L5211 (optional) **Etudes de cas : urbanisme, aménagement du territoire, environnement et santé** | Catherine BOULAND (Coordinator)  
 ⌚ 5 credits [practical work: 12h, seminars: 15h, personal assignments: 33h] 📅 first term 🗨️ French
- GEST-L5221 (optional) **Qualité des soins, sécurité des patients et gestion des risques** | Anne-Dominique PETIT (Coordinator) and Isabelle CAMBIER  
 ⌚ 5 credits [lecture: 31h, tutorial classes: 5h, personal assignments: 24h] 📅 first term 🗨️ French
- GEST-L5232 (optional) **Fondements de la discipline infirmière (Ethique, déontologie, législation)** | Dan Lecocq (Coordinator)  
 ⌚ 5 credits [lecture: 24h, tutorial classes: 12h, personal assignments: 24h] 📅 first term 🗨️ French
- GEST-L5310 (optional) **Gestion de l'information médicale** | Thierry Klein (Coordinator), Nancy ABBELOOS and Thérèse LOCOGE  
 ⌚ 5 credits [lecture: 48h, personal assignments: 12h] 📅 first term 🗨️ French
- GEST-L5311 (optional) **Gestion architecturale des espaces dans les institutions de santé** | Marie-Pierre TOURNEUR (Coordinator)  
 ⌚ 5 credits [lecture: 12h, tutorial classes: 12h, personal assignments: 36h] 📅 first term 🗨️ French
- GEST-L5316 (optional) **Evaluation des technologies de santé en milieu hospitalier** | Philippe VAN WILDER (Coordinator)  
 ⌚ 5 credits [lecture: 12h, tutorial classes: 12h] 📅 second term 🗨️ French
- SAPU-L4123 (optional) **Géographie de la santé** | Fati KIRAKOYA (Coordinator)  
 ⌚ 5 credits [lecture: 30h, tutorial classes: 30h] 📅 second term 🗨️ French
- SAPU-L4310 (optional) **Santé des populations et milieux de vie** | Isabelle GODIN (Coordinator) and Sandra TRICAS-SAURAS  
 ⌚ 5 credits [lecture: 36h, personal assignments: 24h] 📅 second term 🗨️ French
- SAPU-L5312 (optional) **Vie finissante, santé communautaire : philosophies et religions** | Marc MAYER (Coordinator)  
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨️ French
- SAPU-L5314 (optional) **Méthodes d'analyse exploratoire multidimensionnelle** | Bram VANHOUTTE (Coordinator)  
 ⌚ 5 credits [lecture: 16h, tutorial classes: 16h, personal assignments: 12h] 📅 second term 🗨️ French

SAPU-L592  
(optional)

### Compléments au stage

5 credits [work placement: 60h, personal assignments: 60h]  second term  French

SAPU-L8010  
(optional)

### Ergonomie | Jean-Pierre REZETTE (Coordinator) and Nathalie Cock

5 credits [lecture: 36h]  second term  French

SAPU-L9011  
(optional)

### Risques en radiations ionisantes et radioprotection | Jean-Louis GREFFE (Coordinator)

5 credits [lecture: 24h, personal assignments: 36h]  second term  French

TRAN-F201  
(optional)

### Introduction aux enjeux de la durabilité | Wouter ACHTEN (Coordinator) and Chiara ARMENI

5 credits [lecture: 24h]  second term  French

