

Master in Public Health

Focus Environmental Health

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-SAPUE | MA-SAPU

Cours obligatoires

Coordinatrice : Catherine BOULAND

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| ENVI-F510 | Droit de l'environnement Chiara ARMENI (Coordinator)
⌚ 5 credits [lecture: 24h] 📅 first term 🗨️ French |
| ENVI-L4110 | Compartiments environnementaux, production, consommation et leurs impacts sur la santé Olivier VANDENBERG (Coordinator) and Valérie ROORYCK
⌚ 5 credits [lecture: 12h, practical work: 48h] 📅 second term 🗨️ French |
| ENVI-L4111 | Applications méthodologiques spécifiques à la santé environnementale Olivier VANDENBERG (Coordinator) and Christel Faes
⌚ 5 credits [lecture: 48h, practical work: 12h] 📅 second term 🗨️ French |
| SAPU-L4012 | Méthodes quantitatives en santé publique, y compris Démographie Bram VANHOUTTE (Coordinator)
⌚ 5 credits [lecture: 36h, tutorial classes: 24h] 📅 first term 🗨️ French |
| SAPU-L4013 | Méthodes qualitatives en santé publique Céline MAHIEU (Coordinator)
⌚ 5 credits [lecture: 24h, tutorial classes: 24h, personal assignments: 12h] 📅 second term 🗨️ French |
| SAPU-L4021 | Problèmes de santé et environnement Olivier VANDENBERG (Coordinator), Yves COPPIETERS' WALLANT and Philippe DONNEN
⌚ 5 credits [lecture: 36h, personal assignments: 24h] 📅 first term 🗨️ French |
| SAPU-L4022 | Facteurs socio-économiques, psychosociaux et promotion de la santé Céline MAHIEU (Coordinator) and Sandra TRICAS-SAURAS
⌚ 5 credits [lecture: 36h, personal assignments: 24h] 📅 second term 🗨️ French |
| SAPU-L4023 | Politiques, systèmes et économie de la santé Dimitri Renmans (Coordinator) and Elisabeth PAUL
⌚ 5 credits [lecture: 36h] 📅 first term 🗨️ French |
| SAPU-L4024 | Concepts et méthodes en santé publique Philippe DONNEN (Coordinator)
⌚ 5 credits [lecture: 48h, tutorial classes: 12h] 📅 first term 🗨️ French |

Module Développement durable et santé

One course chosen from the following

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| ENVI-D500
(optional) | Epistémologie des pratiques environnementales Benoît TIMMERMANS (Coordinator)
⌚ 5 credits [lecture: 24h, tutorial classes: 12h, cours global: 12h] 📅 second term 🗨️ French |
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ENVI-F403 (optional) **Socio-environmental Dynamics** | Maria MANCILLA GARCIA (Coordinator)
⌚ 5 credits [lecture: 24h, practical work: 12h] 📅 first term 🗨 English

ENVI-F434 (optional) **Géohistoire des relations sociétés - environnement** | Jean-Michel DECROLY (Coordinator) and Chloé DELIGNE
⌚ 5 credits [lecture: 36h] 📅 first term 🗨 French

Module population, environnement et santé

One course chosen from the following

ENVI-F452 (optional) **Environmental impact analysis and management** | Wouter ACHTEN (Coordinator)
⌚ 5 credits [lecture: 24h, practical work: 12h, project: 24h] 📅 first term 🗨 English/French

ENVI-F5002 (optional) **Psychologie de l'environnement, et de la communication** | Sabine POHL (Coordinator)
⌚ 5 credits [lecture: 24h] 📅 first term 🗨 French

One course chosen from the following

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**
⌚ 5 credits [lecture: 12h, tutorial classes: 12h] 📅 second term 🗨 French

INFO-L402 (optional) **Logiciels d'analyse de données en santé** | Fati KIRAKOYA (Coordinator)
⌚ 5 credits [lecture: 18h, tutorial classes: 18h, personal assignments: 24h] 📅 second term 🗨 French

SAPU-L4122 (optional) **Du projet aux résultats** | Fati KIRAKOYA (Coordinator) and Ouindpanga Samadoulougou
⌚ 5 credits [lecture: 27h, personal assignments: 33h] 📅 second term 🗨 French

SAPU-L4123 (optional) **Géographie de la santé** | Fati KIRAKOYA (Coordinator) and Ouindpanga Samadoulougou
⌚ 5 credits [lecture: 30h, tutorial classes: 30h] 📅 second term 🗨 French

SAPU-L4310 (optional) **Santé des populations et milieux de vie** | Sandra TRICAS-SAURAS (Coordinator)
⌚ 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**
⌚ 5 credits [lecture: 16h, tutorial classes: 16h, personal assignments: 12h] 📅 second term 🗨 French

SAPU-L8010 (optional) **Ergonomie** | Jean-Pierre REZETTE (Coordinator), Nathalie Cock and Sophie HANON DE LOUVET
⌚ 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, project: 24h] 📅 second term 🗨 French



Master in Public Health

Focus Environmental Health

Bloc 2 | M-SAPUE | MA-SAPU

Cours obligatoires

Coordinatrice : Catherine BOULAND

- ENVI-L504 **Risque toxicologique en santé au travail et environnementale**
 5 credits [lecture: 24h, personal assignments: 36h] 📅 first term 🗨 French
- ENVI-L505 **Approches systémique, prévention et remédiation en santé environnementale** | Olivier VANDENBERG (Coordinator)
 5 credits [lecture: 21h, project: 18h, personal assignments: 21h] 📅 first and second terms 🗨 French
- ENVI-L510 **Stages - Santé environnementale, y compris les séminaires transversaux** | Olivier VANDENBERG (Coordinator)
 10 credits [seminars: 12h, work placement: 168h, personal assignments: 120h] 📅 second term 🗨 French
- MEMO-L503 **Mémoire - Santé environnementale** | Olivier VANDENBERG (Coordinator) and Philippe DONNEN
 15 credits [lecture: 12h, tutorial classes: 12h] 📅 academic year 🗨 French

Module population, environnement et santé

- ENVI-L5210 **Nuisances intérieures, extérieures, contaminants de l'environnement et sécurité sanitaire** | Fabrice THIELEN (Coordinator), Olivier DENIS, Olivier MICHEL and Olivier VANDENBERG
 5 credits [lecture: 48h, tutorial classes: 12h] 📅 first term 🗨 French
- ENVI-L5211 **Etudes de cas : urbanisme, aménagement du territoire, environnement et santé** | Olivier VANDENBERG (Coordinator)
 5 credits [practical work: 12h, seminars: 15h, personal assignments: 33h] 📅 first term 🗨 French

Module Travailleurs, environnement et santé

- SAPU-L8012 **Techniques**
 5 credits [lecture: 24h, personal assignments: 36h] 📅 first term 🗨 French

A total of ten credits chosen from the following

- 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**
 5 credits [lecture: 12h, tutorial classes: 12h] 📅 second term 🗨 French
- INFO-L402 (optional) **Logiciels d'analyse de données en santé** | Fati KIRAKOYA (Coordinator)
 5 credits [lecture: 18h, tutorial classes: 18h, personal assignments: 24h] 📅 second term 🗨 French
- SAPU-L4122 (optional) **Du projet aux résultats** | Fati KIRAKOYA (Coordinator) and Ouindpanga Samadoulougou
 5 credits [lecture: 27h, personal assignments: 33h] 📅 second term 🗨 French
- SAPU-L4123 (optional) **Géographie de la santé** | Fati KIRAKOYA (Coordinator) and Ouindpanga Samadoulougou
 5 credits [lecture: 30h, tutorial classes: 30h] 📅 second term 🗨 French

- SAPU-L4310
(optional) **Santé des populations et milieux de vie** | Sandra TRICAS-SAURAS (Coordinator)
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**
5 credits [lecture: 16h, tutorial classes: 16h, personal assignments: 12h] second term French
- SAPU-L592
(optional) **Compléments au stage** | Olivier VANDENBERG (Coordinator)
5 credits [work placement: 60h, personal assignments: 60h] second term French
- SAPU-L8010
(optional) **Ergonomie** | Jean-Pierre REZETTE (Coordinator), Nathalie Cock and Sophie HANON DE LOUVET
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, project: 24h] second term French