

Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
Core curriculum compulsory courses (B1 : 43Cr, B2 : 27Cr)							
SANT0740-2	<i>General introduction to public health</i> - Benoît PÉTRÉ - [10h Mon. WS]	B1	Q1	30	-	[+]	3
STAT0730-2	<i>Biostatistics</i> - AnneFrançoise DONNEAU	B1	Q1	35	25	-	5
METO1021-1	<i>Critical approach to evidence based public health</i> - Olivier BRUYÈRE, Nancy DURIEUX - [10h AUTR]	B1	Q1	20	20	[+]	5
ECON2304-1	<i>Modèles organisationnels et économiques des systèmes de santé</i> - <i>Les systèmes de santé - Analyse comparative des pays de l'OCDE</i> - <i>L'approche assurantielle parastatale - le système belge d'assurance maladie au sein du système de santé et de sécurité sociale</i> - <i>La santé internationale : atouts et perspectives</i> - <i>Analyse économique des systèmes de santé - Organisation et financement</i>	B1	Q1	12	-	-	5
LEGI1005-1	<i>Law, legislation and regulations in the healthcare sector</i> - <i>Introduction to the basic concepts of public law</i> - Quentin DETIENNE - <i>Medical and biomedical law</i> - <i>Simulation of parliamentary sessions</i> - [15h PBL]	B1	Q1	10	-	-	5
SANT4011-1	<i>Epidemiology</i> - Olivier BRUYÈRE	B1	Q2	30	15	-	4
SANT4010-1	<i>Analysis of public health actions</i> - Nathan CHARLIER - [10h AUTR]	B1	Q2	30	-	[+]	4
GEST7057-1	<i>Strategic management of health organisations</i> - Nicolas NEYSEN, Méryl PAQUAY	B1	Q2	20	15	-	4
METO1033-1	<i>Preparing the dissertation</i> - Olivier BRUYÈRE, COLLÉGIALITÉ, Axelle HOGE, Benoît PÉTRÉ - [14h AUTR] Corequisite : METO1022-1 - Méthodologie de la recherche	B1	Q2	2	4	[+]	3
DURA0003-5	<i>Sustainability and transition in healthcare</i> - <i>Common core</i> - Nicolas ANTOINEMOUSSIAUX, Marjorie BARDIAU, Anne COLLARD, Charlotte CORNIL, Boris JIDOVITSEFF, Geneviève PHILIPPE, Félix SCHOLTES, Claire WILQUET - [8h SEM] - <i>Specific issues in the field of public health sciences</i> - Nicolas ANTOINEMOUSSIAUX	B1	Q2	4	-	[+]	1
METO1022-1	<i>Research methodology, Partim théorique</i> - Benoît PÉTRÉ, Sylvie STREEL, Sandrina VANDENPUT	B1	TA	30	10	-	4
STAT1750-1	<i>Multivariate statistical analysis</i> - AnneFrançoise DONNEAU Prerequisite : STAT0730-2 - Biostatistique	B2	Q1	15	10	-	3
GEST7056-1	<i>Human Resources</i> - Méryl PAQUAY	B2	Q2	10	10	-	2
GEST7058-1	<i>Managing change and innovation</i> - Méryl PAQUAY	B2	Q2	10	10	-	2
MMEM0750-1	<i>Final thesis, including internship</i> - <i>Integrative methodological seminars</i> - COLLÉGIALITÉ, AnneFrançoise DONNEAU, Benoît PÉTRÉ - [10h SEM] - <i>Final thesis</i> - COLLÉGIALITÉ, Benoît PÉTRÉ Prerequisite : METO1033-1 - Préparation au mémoire SANT0740-2 - Introduction générale à la Santé publique METO1021-1 - Approche critique de l'evidence based public health METO1022-1 - Méthodologie de la recherche STAT0730-2 - Biostatistique Corequisite : STAT1750-1 - Multivariate statistical analysis	B2	TA	-	-	[+]	20

Common core courses (B1 : 17Cr, B2 : 3Cr)

Choose one option from the following : (B1 : 17Cr, B2 : 3Cr)

Introduction to managing critical patients (B1 : 17Cr, B2 : 3Cr)

TECH0750-1	<i>Structural and functional basic elements</i> - Human physiology / hemostasis and coagulation - Pierre PETERS, Laurence ROEDIGER - Biochemistry - Christel PEQUEUX - Anatomical approaches - Valérie DEFAWEUX	B1	Q2	15	-	-			3
SANG0001-1	<i>Blood products administration - Transfusion</i> - André GOTHOT	B1	Q2	10	-	-			1
TECH0756-1	<i>Deontological problems and ethics relating to critically-ill patients</i> - Alexandre GHUYSEN	B1	Q2	10	-	-			1
TECH1002-1	<i>Introduction to substitution</i> - Rodolphe DURIEUX, JeanNoël KOCH, MarcGilbert LAGNY, Paul MASSION	B1	Q2	20	-	-			3
REAN0003-1	<i>Techniques of critical patient monitoring</i> - Laurence ROEDIGER	B1	Q2	20	-	-			3
PHAR1001-1	<i>Critical patient Pharmacology</i> - Grégory HANS, Bernard LAMBERMONT, Marc SENARD - [4h Vis.]	B2	Q1	20	-		[+]		3

Students must choose the Introduction to Perfusion course or the Introduction to Intensive and Emergency Care course. (B1 : 6Cr)

Introduction to perfusion (B1 : 6Cr)

TECH0740-1	<i>Clinical applications and professional practice I</i> - JeanNoël KOCH, MarcGilbert LAGNY	B1	Q2	30	-	-			3
MSTG0740-1	<i>Clinical placement and the simulation laboratory</i> - JeanNoël KOCH, MarcGilbert LAGNY, Vincent TCHANASATO Corequisite : TECH0740-1 - Applications cliniques et pratique professionnelle I	B1	TA	-	-	-			3

Introduction to intensive and emergency care (B1 : 6Cr)

URGC0003-1	<i>Emergencies specialized and transportable services for emergency resuscitation</i> - Romain BETZ	B1	Q2	30	-	-			3
URGC0002-1	<i>Approach of nursing function specialized in emergencies : sorting systems</i> - Edmond BRASSEUR, Samuel STIPULANTE	B1	TA	12	9	-			3

settings and methods of acting in public health (B1 : 17Cr, B2 : 3Cr)

SANT4009-1	<i>Population health</i> - Romain BETZ, Gilles DARCIS, JeanChristophe PHILIPS - [10h AUTR]	B1	Q1	30	-		[+]		3
SANT4008-1	<i>Social issues and ethics in healthcare</i> - Florence CAEYMAEX - [14h AUTR]	B1	Q1	6	-		[+]		3
METO1023-1	<i>Qualitative research methods</i> - Benoît PÉTRÉ - [25h AUTR] Corequisite : METO1022-1 - Méthodologie de la recherche	B1	Q2	25	-		[+]		3
SANT4013-1	<i>Promoting health and its determinants</i> - Benoît PÉTRÉ - [10h AUTR] Corequisite : SANT0740-2 - Introduction générale à la Santé publique	B1	Q2	30	-		[+]		3
SANT4012-1	<i>One Health and Integrative Approaches to Health</i> - Nicolas ANTOINEMOUSSIAUX - [15h AUTR] Corequisite : SANT0740-2 - Introduction générale à la Santé publique	B1	Q2	20	-		[+]		3
SANT4036-1	<i>Project management in public health</i> - [10h AUTR]	B1	Q2	10	-		[+]		2
SANT4022-1	<i>Integration seminars in public health (Service Learning)</i> - COLLÉGIALITÉ, Benoît PÉTRÉ - [20h AUTR]	B2	TA	-	-		[+]		3

Focus courses (B2 : 30Cr)

Students will have to choose 2 subjects from the following: (B2 : 30Cr)

Subject: Epidemiology and healthcare economics (B2 : 15Cr)

SANT4014-1	<i>Health technology assessment and medical-economic evaluation</i> - Olivier ETHGEN - [10h AUTR] Prerequisite : SANT4011-1 - Epidémiologie	B2	Q1	20	10	[+]	4
EPID2003-1	<i>Clinical and interventional epidemiology</i> - Olivier BRUYÈRE, Fanny BUCKINX Prerequisite : SANT4011-1 - Epidémiologie	B2	Q1	15	15	-	3
METO1024-1	<i>Advanced methods in the systematic review of literature and meta-analysis</i> - Olivier BRUYÈRE, Nancy DURIEUX Prerequisite : METO1021-1 - Approche critique de l'evidence based public health	B2	Q1	15	15	-	3
STAT0007-1	<i>Advanced statistics in epidemiology</i> - AnneFrançoise DONNEAU Prerequisite : STAT0730-2 - Biostatistique Corequisite : STAT1750-1 - Multivariate statistical analysis	B2	Q2	10	10	-	2
EPID2005-1	<i>Workshops to integrate advanced methods in epidemiology</i> - Olivier BRUYÈRE, Fanny BUCKINX - [10h AUTR] Corequisite : EPID2003-1 - Epidémiologie clinique et interventionnelle METO1024-1 - Méthodes avancées en revue systématique de la littérature et méta-analyse SANT4014-1 - Health technology assessment et évaluation médico-économique STAT1750-1 - Multivariate statistical analysis	B2	Q2	10	10	[+]	3

Subject: Health and environment (B2 : 15Cr)

SANT4024-1	<i>Health in socio-ecosystems</i> - Nicolas ANTOINEMOUSSIAUX Prerequisite : SANT4012-1 - One Health et approches intégratives de la Santé	B2	Q2	16	-	-	2
PATH3234-1	<i>Exposure assessment</i> - <i>Introduction to toxicology and ecotoxicology</i> - Corinne CHARLIER, Catherine PIRARD - <i>Introduction to health risks of biological origin</i> - Saadia LASRI, Claude SAEGERMAN - <i>Introduction to health risks of physical origin</i> - Dorina RUSU	B2	Q2	8	-	-	3
COMM0010-1	<i>Ethics, communication interdisciplinary work</i> - <i>Ethics and communication in environmental health</i> - Guillaume BERNARD - <i>Interdisciplinary care</i> - Catherine DELGUSTE Prerequisite : SANT4008-1 - Enjeux sociétaux et éthiques de la santé	B2	Q2	8	-	-	2
LEGI1006-1	<i>Legislative aspects</i> - Dorina RUSU Prerequisite : LEGI1005-1 - Droit, législations et réglementations dans le secteur des soins de santé	B2	Q2	12	-	-	2
PATH3235-1	<i>Environmental diseases</i> - COLLÉGIALITÉ, JeanLouis CORHAY, MutienMarie GARIGLIANY, Dorina RUSU	B2	Q2	20	-	-	3
MSTG9088-1	<i>Case study</i> - Nicolas ANTOINEMOUSSIAUX, Dorina RUSU - [30h Pr.] Corequisite : COMM0010-1 - Ethique, communication et travail interdisciplinaire LEGI1006-1 - Aspects législatifs PATH3234-1 - Expologie PATH3235-1 - Pathologies environnementales SANT4024-1 - La santé dans les socio-écosystèmes	B2	Q2	-	-	[+]	3

Subject: Public health nutrition (B2 : 15Cr)

EPID2004-1	<i>Nutritional epidemiology</i> - Axelle HOGE - [10h AUTR] Prerequisite : SANT4011-1 - Epidémiologie	B2	Q1	20	-	[+]	3
NUTR1005-1	<i>Current issues in food and health: new knowledge</i> - Véronique DELCENSERIE, Axelle HOGE, Bénédicte MACHIELS, MarieLouise SCIPPO, Bernard TAMINIAU - [10h AUTR] Prerequisite : METO1021-1 - Approche critique de l'evidence based public health	B2	Q1	30	-	[+]	4
ANTH0391-2	<i>Food anthropology</i> - Part A - Basic concepts - Elsa MESCOLI - Part C - Application to public health nutrition - Elsa MESCOLI	B2	Q1	12	-	-	2
NUTR1006-1	<i>Transition alimentaire et enjeux de santé publique (Service Learning)</i> - Axelle HOGE - [35h AUTR] Prerequisite : DURA0003-5 - Durabilité et transition en santé Corequisite : ANTH0391-2 - Anthropologie de l'alimentation EPID2004-1 - Epidémiologie nutritionnelle NUTR1005-1 - Enjeux actuels en matière d'alimentation et de santé : les nouvelles connaissances	B2	Q2	5	-	[+]	4
NUTR1007-1	<i>Food security</i> - Antoine CLINQUART, Véronique DELCENSERIE, MarieLouise SCIPPO Corequisite : ANTH0391-2 - Anthropologie de l'alimentation EPID2004-1 - Epidémiologie nutritionnelle NUTR1005-1 - Enjeux actuels en matière d'alimentation et de santé : les nouvelles connaissances	B2	Q2	14	6	-	2
Subject: Health promotion (B2 : 15Cr)							
PSYC1054-1	<i>Psychology and Health</i> - AnneMarie ETIENNE	B2	Q1	30	-	-	2
PEDA4060-1	<i>Health education and communication</i> - Benoît PÉTRÉ - [15h AUTR]	B2	Q1	15	-	[+]	3
SANT0013-1	<i>Strategies of fight against social inequalities in health</i> - Florence CAEYMAEX, Benoît PÉTRÉ - [20h AUTR] Corequisite : SANT4008-1 - Enjeux sociétaux et éthiques de la santé	B2	Q1	10	-	[+]	3
SANT4015-1	<i>Evaluation of health promotion programmes</i> - [10h AUTR] Prerequisite : SANT4013-1 - Promotion de la santé et de ses déterminants SANT4036-1 - Gestion de projet en santé publique	B2	Q1	10	-	[+]	2
SANT0012-1	<i>Ingénierie des programmes de Promotion de la Santé (Service Learning)</i> - Benoît PÉTRÉ - [20h AUTR] Prerequisite : SANT4013-1 - Promotion de la santé et de ses déterminants	B2	Q2	10	-	[+]	3
SANT4041-1	<i>Participation en santé</i> - N... - [5h AUTR]	B2	Q2	15	-	[+]	2
Subject: Management of healthcare organisations (B2 : 15Cr)							
GEST7059-1	<i>Operational management in healthcare organisations</i> - Véronique FRANÇOIS, Méryl PAQUAY Prerequisite : GEST7057-1 - Gestion stratégique des organisations de santé	B2	Q1	20	15	-	4
GEST7060-1	<i>Financial aspects (analytical approach)</i> - Vincent COMPAGNIE, Vincent COMPAGNIE	B2	Q1	25	10	-	4
SANT4019-1	<i>Digital transition in the field of healthcare</i> - Giovanni BRIGANTI, Nicolas NEYSEN	B2	Q2	25	10	-	4

The student must choose 3 credits from the following two courses: (B2 : 3Cr)

GEST7061-1	<i>Soft skills workshops: general skills</i> - David HOMBURG,	B2	TA	5	-	[+]	3
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AQUAY - [40h AUTR]

GEST7113-1 *Management of care facilities for older adults* - Méryl PAQUAY - B2 TA - - [+] 3
[50h AUTR, 40h Internship]

Subject: international health (B2 : 15Cr)

SANT4040-1 *Gouvernance de la santé internationale* - N... - [35h AUTR] B2 Q1 65 - [+] 9

Prerequisite :

ECON2304-1 - Modèles organisationnels et économiques des systèmes de santé

SANT4020-1 *Global change and health* - Nicolas ANTOINEMOUSSIAUX, Pierre OZER - [5h AUTR] B2 Q2 15 - [+] 2

Prerequisite :

SANT4012-1 - One Health et approches intégratives de la Santé

SANT4023-1 *Multiculturalism and health* - Oriane BODSON - [5h AUTR] B2 Q2 15 - [+] 2

SANT4021-1 *Integrative exercise on a question of international health* - Nicolas ANTOINEMOUSSIAUX, Alain COHEUR, Pierre OZER - [35h AUTR] B2 Q2 5 - [+] 2

Corequisite :

SANT4020-1 - Changements globaux et Santé

SANT4023-1 - Interculturalité et Santé

SANT4040-1 - Gouvernance de la santé internationale

Option simulation en santé publique (B2 : 15Cr)

SIMU0124-1 *Fondements de la simulation* - N... B2 Q1 25 20 - 4

SIMU0125-1 *Pratiques réflexives et débriefing* - N... B2 Q1 12 18 - 3

SIMU0126-1 *Simulation et gestion de crise* - N... B2 Q2 12 18 - 4

SIMU0127-1 *Exercices intégratifs en simulation* - N... B2 Q2 5 35 - 4

Bridging courses Master in public health (120 credits) 2024-2025

Compulsory courses (B0 : 5Cr)

The B0 course programme will be determined on the basis of the student's profile and the chosen professional focus (if necessary, after the student has met with the Master's coordinator). It will include compulsory courses chosen from the list below.

Except in special cases, all students who do not have direct access to the Master in Public Health will have the following courses included in their curriculum, for a total of 5 credits:

INFO1001-1 *Introduction to the use of computer tools* - Nathalie CAVAN, Eddy HUSSON B0 Q1 10 10 - 2

LANG1002-1 *English applied to Public Health* (english language) - Jérôme GAILLARD, Martin POLSON - [10h Mon. Read.] B0 Q2 10 10 [+] 2

PHIL0110-1 *Epistemology of Health Sciences* - Pieter THYSSEN B0 Q2 15 - - 1

Optional courses (B0 : 25Cr)

In addition to these 3 courses, students who have an advanced bachelor's degree, a Nurse Responsible for General Care bachelor's degree or a Midwife bachelor's degree, or who have an accreditation of prior experience, may have courses added to their block 0 curriculum, for a maximum of 10 credits.

In addition to these 3 courses, students with a bachelor's degree (without professional experience) will have courses added to their block 0 curriculum, for a minimum of 10 credits and a maximum of 24 credits.

The total number of bridging courses in B0 will be determined by the jury of the Master in Public Health and will depend on the candidate's academic and professional background as well as the chosen focus.

PSYC0520-1 *Introduction to health psychology* - Aurélie WAGENER B0 Q1 15 - - 2

SANT0724-1	<i>Introduction to Mental Health</i> - JeanMarc TRIFFAUX	B0	Q1	15	-	-	2
BIOC0700-1	<i>Human Biochemistry</i> - Christel PEQUEUX	B0	Q1	15	-	-	2
MICR0712-2	<i>Transmissible diseases and vaccines</i> - MariePierre HAYETTE, Nathalie JACOBS	B0	Q1	20	-	-	2
DURA0001-2	<i>Sustainability and transition</i> - Anne COLLARD, Félix SCHOLTES	B0	Q1	12	-	-	1
SANT0710-1	<i>Health of children and teenagers</i> - Julie FUDVOYE	B0	Q2	20	-	-	2
PSYC0017-1	<i>Social psychology</i> - Benoît DARDENNE	B0	Q2	30	-	-	4
SOCIO154-1	<i>Introduction à la sociologie</i>	B0	Q2				5
	- <i>Notions de base</i> - JeanFrançois ORIANNE			15	-	-	
	- <i>Applications à la santé publique</i> - N... - [15h AUTR]			15	-	[+]	
ECON0109-1	<i>Introduction to economic systems, Theory</i> - HenryJean GATHON	B0	Q2	30	-	-	4