

Cycle view of the study programme

B1 Or Th Pr Au Cr

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]	B2	Q1	20	10	[+]	4
EPID2003-1	<i>Clinical and interventional epidemiology</i> - Olivier BRUYÈRE, Fanny BUCKINX	B2	Q1	15	15	-	3
METO1024-1	<i>Advanced methods in the systematic review of literature and meta-analysis</i> - Olivier BRUYÈRE, Nancy DURIEUX	B2	Q1	15	15	-	3
STAT0007-1	<i>Advanced statistics in epidemiology</i> - AnneFrançoise DONNEAU	B2	Q2	10	10	-	2
EPID2005-1	<i>Workshops to integrate advanced methods in epidemiology</i> - Fanny BUCKINX - [10h AUTR]	B2	Q2	10	10	[+]	3

Subject: Health and environment (B2 : 15Cr)

SANT4024-1	<i>Health in socio-ecosystems</i>	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	B2	Q2	8	-	-	2
LEGI1006-1	<i>Legislative aspects</i> - Dorina RUSU	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.]	B2	Q2	-	-	[+]	3

Subject: Public health nutrition (B2 : 15Cr)

EPID2004-1	<i>Nutritional epidemiology</i> - Michèle GUILLAUME, Axelle HOGE - [10h AUTR]	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]	B2	Q1	30	-	[+]	4
SOCI9012-1	<i>Socio-anthropology of nutrition</i> - Elsa MESCOLI	B2	Q1	14	6	-	2
NUTR1006-1	<i>Research into action and nutrition in public health</i> - Axelle HOGE	B2	Q2	30	10	-	4
NUTR1007-1	<i>Food security</i> - Antoine CLINQUART, Véronique DELCENSERIE, MarieLouise SCIPPO	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, Michèle GUILLAUME, Benoît PÉTRÉ - [20h AUTR]	B2	Q1	10	-	[+]	3
SANT4015-1	<i>Evaluation of health promotion programmes</i> - Elisabeth PAUL, Denis PORIGNON - [10h AUTR]	B2	Q1	10	-	[+]	2

Master in Public Health, professional focus on specialist practitioners in public health (nouveau programme)

SANT0012-1 *Promotion of health programs engineering* - Chantal LEVA - [20h AUTR] B2 Q2 10 - [+] 3

PSYC5894-2 *Change of behaviour and social influence* - Benoît DARDENNE B2 Q2 30 - - 2

Subject: Management of healthcare organisations (B2 : 15Cr)

GEST7059-1 *Operational management in healthcare organisations* - Véronique FRANÇOIS B2 Q1 20 15 - 4

GEST7060-1 *Financial aspects (analytical approach)* - Vincent COMPAGNIE B2 Q1 25 10 - 4

SANT4019-1 *Digital transition in the field of healthcare* B2 Q2 25 10 - 4

GEST7061-1 *Soft skills workshops* - David HOMBURG - [40h AUTR] B2 TA 5 - [+] 3

Subject: international health (B2 : 15Cr)

SANT4016-1 *Framework concepts for actors in international health* - Alain COHEUR, Denis PORIGNON - [5h AUTR] B2 Q1 15 - [+] 2

SANT4017-1 *Health system governance and funding* - Alain COHEUR, Denis PORIGNON - [15h AUTR] B2 Q1 30 - [+] 4

SANT4018-1 *Planning, monitoring and evaluating health policies and programmes* - Elisabeth PAUL, Denis PORIGNON - [15h AUTR] B2 Q1 20 - [+] 3

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

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

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

Cours obligatoires du tronc commun (B1 : 43Cr, B2 : 27Cr)

SANT0740-2 *General introduction to public health* - Michèle GUILLAUME, Benoît PÉTRÉ - [10h Mon. WS] B1 Q1 30 - [+] 4

STAT0730-2 *Biostatistique* - AnneFrançoise DONNEAU B1 Q1 35 25 - 5

METO1021-1 *Critical approach to evidence based public health* - Olivier BRUYÈRE, Nancy DURIEUX - [10h AUTR] B1 Q1 20 20 [+] 5

ECON2304-1 *Organisational and economic aspects of health systems* B1 Q1 5
- Healthcare systems - A comparative analysis of OECD countries - Fabienne FECHERBOURGEOIS, Yolande HUSDEN - [10h AUTR] 12 - [+]
- The parastatal insurance approach - the Belgian health insurance system - Benoît COLLIN 12 - -
- International health: assets and prospects - Denis PORIGNON 4 - -
- Economic analysis of healthcare systems - Organisation and financing - Fabienne FECHERBOURGEOIS 12 - -

LEGI1005-1 *Law, legislation and regulations in the healthcare sector* B1 Q1 5
- Introduction to the basic concepts of public law - Quentin DETIENNE 10 - -
- Medical and biomedical law - Gilles GENICOT 20 - -
- Simulation of parliamentary sessions - Pierre GILLET - [15h PBL] 5 10 [+]

SANT4011-1 *Epidemiology* - Olivier BRUYÈRE B1 Q2 30 15 - 4

SANT4010-1 *Analysis of public health actions* - Aline THIRY - [10h AUTR] B1 Q2 30 - [+] 4

GEST7057-1 *Strategic management of health organisations* B1 Q2 20 15 - 4

METO1033-1 *Preparing the dissertation* - COLLÉGIALITÉ, Axelle HOGE, Benoît PÉTRÉ - [14h AUTR] B1 Q2 2 4 [+] 3

Corequisite :

METO1022-1 - Méthodologie de la recherche

METO1022-1 *Research methodology, Partim théorique* - Michèle GUILLAUME, Benoît PÉTRÉ, Sylvie STREEL, Sandrina VANDENPUT B1 TA 30 10 - 4

STAT1750-1 *Multivariate statistical analysis* - AnneFrançoise DONNEAU B2 Q1 15 10 - 3

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GEST7056-1	<i>Human Resources</i>	B2	Q2	10	10	-	2
GEST7058-1	<i>Managing change and innovation</i> - Michaël PARMENTIER	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	B2	TA			[+]	20
	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						
	Corequisite : STAT1750-1 - Multivariate statistical analysis						

Cours au choix du tronc commun (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> - <i>Human physiology / hemostasis and coagulation</i> - Pierre PETERS, Laurence ROEDIGER - <i>Biochemistry</i> - <i>Anatomical approaches</i>	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	B1	TA	-	-	-	3
	Corequisite : TECH0740-1 - Applications cliniques et pratique professionnelle I						

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]	B1	Q2	25	-	[+]	3

Master in Public Health, professional focus on specialist practitioners in public health (nouveau programme)

Corequisite :

METO1022-1 - Méthodologie de la recherche

SANT4013-1	<i>Promoting health and its determinants</i> - Michèle GUILLAUME, Chantal LEVA, Bénédicte MACHIELS, Benoît PÉTRÉ - [10h AUTR]	B1	Q2	30	-	[+]	3
	Corequisite : SANT0740-2 - Introduction générale à la Santé publique						
SANT4012-1	<i>One Health and Integrative Approaches to Health</i> - [15h AUTR]	B1	Q2	20	-	[+]	3
	Corequisite : SANT0740-2 - Introduction générale à la Santé publique						
SANT4036-1	<i>Project management in public health</i> - Elisabeth PAUL, Denis PORIGNON - [10h AUTR]	B1	TA	10	-	[+]	2
SANT4022-1	<i>Integration seminars in public health (Service Learning)</i> - COLLÉGIALITÉ, Benoît PÉTRÉ - [20h AUTR]	B2	Q1	-	-	[+]	3

Crédits supplémentaires Master en sciences de la santé publique (120 ECTS) 2024-2025

Compulsory courses (B0 : 5Cr)

Le programme de cours de BLOC 0 sera déterminé, en fonction du profil de l'étudiant et de la finalité spécialisée choisie (si nécessaire, après une rencontre de l'étudiant avec la coordination pédagogique du Master). Il comportera des cours obligatoires choisis parmi la liste ci-dessous.

Sauf cas particuliers, tous les étudiants ne bénéficiant pas d'un accès direct au Master en Sciences de la Santé publique auront inscrits à leur cursus, pour un total de 5 crédits, les cours suivants :

INFO1001-1	<i>Introduction to the use of computer tools</i> - Nathalie CAVAN, Eddy HUSSON	B0	Q1	10	10	-	2
LANG1002-1	<i>English applied to Public Health (english language)</i> - Jérôme GAILLARD, Martin POLSON, Sébastien SCHOENMAECKERS - [10h Mon. Read.]	B0	Q2	10	10	[+]	2
PHIL0110-1	<i>Epistemology of Health Sciences</i> - N...	B0	Q2	15	-	-	1

Optional courses (B0 : 25Cr)

En complément à ces 3 cours, les étudiants qui portent le grade de bachelier de spécialisation, bachelier "infirmier responsable de soins généraux", bachelier "sage-femme" ou qui valorisent leurs acquis, pourront se voir ajouter à leur cursus de bloc 0 des cours, pour un maximum de 10 crédits.

En complément à ces 3 cours, les étudiants qui portent le grade académique de bachelier (sans valorisation d'une expérience professionnelles) se verront ajouter à leur cursus de bloc 0 des cours, pour un minimum de 10 crédits et un maximum de 24 crédits.

Le nombre total d'ECTS ajoutés en BLOC 0 sera déterminé par le jury du Master en Sciences de la Santé publique et dépendra du passé académique et professionnels du candidat ainsi que de la finalité choisie.

PSYC0520-1	<i>Introduction to health psychology</i> - 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>	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> - Roman AYDOGDU, Sophie HANSON, Sybille MERTENS DE WILMARS	B0	Q1	12	-	-	1
SANT0710-1	<i>Health of children and teenagers</i> - AnneSimone PARENT	B0	Q2	20	-	-	2
SOCI0154-1	<i>Introduction to sociology</i> - JeanFrançois ORIANNE	B0	Q2	15	-	-	2
ANTH0001-1	<i>Introduction to anthropology</i> - Benjamin RUBBERS	B0	Q2	30	-	-	4

PSYC0017-1	<i>Social psychology</i> - Benoît DARDENNE	B0	Q2	30	-	-	4
ECON0109-1	<i>Introduction to economic systems, Theory</i> - HenryJean GATHON	B0	Q2	30	-	-	4