

#### Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
<b>Compulsory courses (B1 : 43Cr, B2 : 27Cr)</b>							
STAT0730-2	<i>Biostatistics</i> - <i>Biostatistics</i> - AnneFrançoise DONNEAU, Catherine QUANTIN - <i>Statistical analysis software</i> - AnneFrançoise DONNEAU, Catherine QUANTIN	B1	Q1				7
			30	4	-		
			10	16	-		
ECON0740-2	<i>Health economics</i> - Fabienne FECHERBOURGEOIS <b>Corequisite :</b> LEGI0001-1 - Organisation des systèmes de santé	B1	Q1	20	-	-	2
SANT0740-2	<i>General introduction to public health</i> - Michèle GUILLAUME, Chantal LEVA, Sylvie STREEL - [10h Mon. WS] <b>Corequisite :</b> LEGI0001-1 - Organisation des systèmes de santé ECON0740-2 - Economie de la santé SANT4006-1 - Introduction à l'épidémiologie	B1	Q1	20	-	[+]	4
LEGI0001-1	<i>Organisation of health systems</i> - <i>Insurance model of the organisation of the healthcare system: Healthcare Insurance and payments in Belgium</i> - Benoît COLLIN - <i>Comparative analysis of healthcare systems and international health in northern countries</i> - Yolande HUSDEN - <i>Global organisation of healthcare</i> - Denis PORIGNON <b>Corequisite :</b> SANT0740-2 - Introduction générale à la Santé publique ECON0740-2 - Economie de la santé	B1	Q1				4
			15	-	-		
			15	-	-		
			5	-	-		
METO1002-1	<i>Documentary resources: Approach by conclusive data</i> - Olivier BRUYÈRE, Nancy DURIEUX - [5h Mon. Read.]	B1	Q1	5	5	[+]	2
GEST0197-3	<i>Introduction to organization analysis</i> - <i>Theory</i> - Jocelyne ROBERT - <i>Human resources in public health</i>	B1	Q1				6
			30	-	-		
			-	15	-		
DROI1309-1	<i>Societal aspects of health</i> - <i>Law and health</i> - Gilles GENICOT, Gilles GENICOT - <i>Ethics and health</i> - Florence CAEYMAEX - [12h SEM] <b>Corequisite :</b> SANT0740-2 - Introduction générale à la Santé publique	B1	Q1				4
			28	-	-		
			-	-	[+]		
SIMU0001-1	<i>Introduction to simulation</i> - Benoît CARDOS, Nadège DUBOIS	B1	Q1	20	-	-	3
LEGI0002-1	<i>Regulations and Legislation of Health care</i> - Marie ERPICUM, Pierre GILLET <b>Corequisite :</b> LEGI0001-1 - Organisation des systèmes de santé	B1	Q2	5	15	-	2
SANT1001-1	<i>Public health communication principles</i> - Marianne VON FRENCKELL	B1	Q2	15	5	-	2
METO0750-2	<i>Transdisciplinary approach of public sanitary issues</i> - Michèle GUILLAUME, Benoît PÉTRÉ, Sylvie STREEL, Sandrina VANDENPUT <b>Corequisite :</b> METO1008-4 - Recherche et données probantes METO1008-5 - Recherche et données probantes METO1002-1 - Ressources documentaires : Approches par données probantes METO1008-6 - Recherche et données probantes SANT0740-2 - Introduction générale à la Santé publique STAT0730-2 - Biostatistique SANT4006-1 - Introduction à l'épidémiologie	B1	Q2	20	10	-	3
SANT4006-1	<i>Introduction to epidemiology</i> - Michèle GUILLAUME, Sylvie STREEL <b>Corequisite :</b> STAT0730-2 - Biostatistique	B1	Q2	14	6	-	3
SANT4007-1	<i>Introduction to epigenetics</i> - Bénédicte MACHIELS	B1	Q2	10	-	-	1

STAT1750-1	<i>Multivariate statistical analysis</i> - AnneFrançoise DONNEAU <b>Prerequisite :</b> STAT0730-2 - Biostatistique	B2	Q1	10	15	-	2
QUAL0001-1	<i>Ethics, risk and quality management</i> - Philippe COUCKE <b>Prerequisite :</b> GEST0197-3 - Introduction à l'analyse des organisations LEGI0001-1 - Organisation des systèmes de santé SANT0740-2 - Introduction générale à la Santé publique	B2	Q1	15	-	-	2
METO1007-1	<i>Project development and change management</i> - Nathan CHARLIER <b>Prerequisite :</b> LEGI0001-1 - Organisation des systèmes de santé SANT0740-2 - Introduction générale à la Santé publique SANT4006-1 - Introduction à l'épidémiologie	B2	Q1	30	-	-	3
MMEM0750-1	<i>Final thesis, including internship</i> - <i>Integrative methodological seminars</i> - AnneFrançoise DONNEAU, Benoît PÉTRÉ, Sylvie STREEL - [10h SEM] - <i>Final thesis</i> - Olivier BRUYÈRE, Jacinthe DANCOT, Alexandre GHUYSEN, Pierre GILLET, Michèle GUILLAUME, Benoît PÉTRÉ <b>Prerequisite :</b> METO1008-4 - Recherche et données probantes METO1008-5 - Recherche et données probantes METO1008-6 - Recherche et données probantes STAT0730-2 - Biostatistique METO1002-1 - Ressources documentaires : Approches par données probantes METO0750-2 - Approche transdisciplinaire des problèmes de Santé publique SANT4006-1 - Introduction à l'épidémiologie <b>Corequisite :</b> STAT1750-1 - Multivariate statistical analysis	B2	TA			[+]	20

#### Optional courses (B1 : 17Cr, B2 : 33Cr)

Choose one the following modules : "Health management", Intensive care in public health", "Nursing science", "Health and society", "Epidemiology". (B1 : 4Cr, B2 : 16Cr)

Notice : the choice of a module must meet with the agreement of the Jury.

#### Module Health management (B1 : 4Cr, B2 : 16Cr)

ECON0340-1	<i>Pharmacoeconomy</i> - Thierry VAN HEES - Suppl : Robin CRUNENBERG	B1	Q1	10	-	-	1
PHAR1008-1	<i>Medicines management in hospital setting</i> - Thierry VAN HEES <b>Corequisite :</b> ECON0340-1 - Pharmacoeconomie NURS0001-1 - Organisation, gestion et évaluation des soins infirmiers	B1	Q2	12	-	-	1
METO1008-6	<i>Research and conclusive data</i> - <i>Research protocol and advanced research methodology for scientific information</i> - Nancy DURIEUX - <i>Practical work in care facility management, critically-ill patients, health promotion and patient educational therapy</i> - Alexandre GHUYSEN, Michèle GUILLAUME, Benoît PÉTRÉ <b>Corequisite :</b> METO0750-2 - Approche transdisciplinaire des problèmes de Santé publique	B1	TA	4	2	-	2
NUTR0001-1	<i>Nutritional approach</i> - Jacinthe DANCOT, Michèle GUILLAUME, Axelle HOGE, AnneMarie VERBRUGGE	B2	Q1	10	10	-	2
HYGI0001-1	<i>Healthcare-associated infections prevention</i> - MariePierre HAYETTE - [8h Mon. WS]	B2	Q1	12	-	[+]	2
GEST2001-1	<i>Integration and reflexivity in health promotion</i> - Jocelyne ROBERT	B2	Q1	-	15	-	2
GEST2002-1	<i>Integrated approach to assessing the quality of care</i> -	B2	Q1	4	16	-	3

RPICUM, JeanBernard GILLET, Pierre GILLET

SANT0004-1	<i>Introduction to the therapeutic education of the patient</i> - Benoît PÉTRÉ - [10h Mon. WS] <b>Prerequisite :</b> SANT0740-2 - Introduction générale à la Santé publique	B2	Q2	10	10	[+]	4
GERI0001-1	<i>Interdisciplinary approach to aging</i> - MarieThérèse CASMAN - [15h SEM]	B2	Q2	5	-	[+]	3
<b>Module Intensive care and public health (B1 : 4Cr, B2 : 16Cr)</b>							
TECH0750-1	<i>Structural and functional basic elements</i> - <i>Human physiology / hemostasis and coagulation</i> - Alexandre GHUYSEN, Pierre PETERS - <i>Biochemistry</i> - Christel PEQUEUX - <i>Anatomical approaches</i> - Pierre BONNET	B1	Q2	15	-	-	2
METO1008-6	<i>Research and conclusive data</i> - <i>Research protocol and advanced research methodology for scientific information</i> - Nancy DURIEUX - <i>Practical work in care facility management, critically-ill patients, health promotion and patient educational therapy</i> - Alexandre GHUYSEN, Michèle GUILLAUME, Benoît PÉTRÉ <b>Corequisite :</b> METO0750-2 - Approche transdisciplinaire des problèmes de Santé publique	B1	TA	4	2	-	2
REAN0002-1	<i>Pathophysiology of the critical patient</i> - <i>Part I : Cardiovascular pathophysiology</i> - Alexandre GHUYSEN - <i>Part II : Respiratory pathophysiology</i> - Bernard LAMBERMONT - <i>Part III : Renal pathology, hemofiltration and dialysis of critical patient</i> - JeanMarie KRZESINSKI <b>Prerequisite :</b> TECH0750-1 - Éléments structurels et fonctionnels de base	B2	Q1	15	-	-	4
URGC0001-1	<i>Practice of simulation with the critical / acute patient</i> - Alexandre GHUYSEN <b>Corequisite :</b> REAN0002-1 - Physiopathologie du patient critique	B2	Q1	5	15	-	2
PHAR1001-1	<i>Critical patient Pharmacology</i> - Grégory HANS, Benoît MISSET, Laurence ROEDIGER, Marc SENARD - [4h Vis.]	B2	Q1	20	-	[+]	2
HYGI0001-1	<i>Healthcare-associated infections prevention</i> - MariePierre HAYETTE - [8h Mon. WS]	B2	Q1	12	-	[+]	2
SIMU0006-1	<i>Theory of simulation learning and technological modality</i> - Nadège DUBOIS <b>Prerequisite :</b> SIMU0001-1 - Introduction à la simulation	B2	Q1	15	15	-	3
SANG0001-1	<i>Blood products administration - Transfusion</i> - André GOTHOT, Mélanie MONFORT <b>Corequisite :</b> REAN0002-1 - Physiopathologie du patient critique	B2	Q2	10	-	-	1
SIMU0004-1	<i>Research and ethics in simulation</i> - Nadège DUBOIS, Alexandre GHUYSEN <b>Prerequisite :</b> SIMU0001-1 - Introduction à la simulation	B2	Q2	6	4	-	2
<b>Module Health and Society (B1 : 4Cr, B2 : 16Cr)</b>							
SANT4005-1	<i>One Health Concept and Integrative Approaches to Health</i> - Nicolas ANTOINEMOUSSIAUX - [15h Mon. WS]	B1	Q1	20	-	[+]	3
PEDA1001-1	<i>Teaching about health (learn to learn about health)</i> - Dieudonné LECLERCQ, Benoît PÉTRÉ	B1	Q2	15	-	-	1

GEST2001-1	<i>Integration and reflexivity in health promotion</i> - Jocelyne ROBERT	B2	Q1	-	15	-	2
METO1009-1	<i>Qualitative approach advanced methods</i> - Michèle GUILLAUME, Benoît PÉTRÉ - [5h Mon. WS, 5h Mon. Read.] <b>Prerequisite :</b> METO1002-1 - Ressources documentaires : Approches par données probantes METO0750-2 - Approche transdisciplinaire des problèmes de Santé publique	B2	Q1	10	10	[+]	3
SANT0013-1	<i>Strategies of fight against social inequalities in health and health literacy</i> - MarieThérèse CASMAN, Michèle GUILLAUME, Chantal LEVA <b>Prerequisite :</b> SANT0740-2 - Introduction générale à la Santé publique	B2	Q1	20	-	-	2
SANT3002-1	<i>Multimedia message design and analysis - Health applications</i> - Dieudonné LECLERCQ <b>Corequisite :</b> SANT0008-1 - Méthodes avancées en communication en promotion de la santé	B2	Q1	30	-	-	3
PSYC0056-2	<i>Assessment and prevention methods in health psychology</i> - AnneMarie ETIENNE, Céline STASSART, Aurélie WAGENER <b>Prerequisite :</b> PSYC1054-1 - Psychologie de la santé	B2	Q1	10	20	-	3
PSYC5894-1	<i>Change of attitude and social influence</i> - Benoît DARDENNE <b>Prerequisite :</b> PSYC0017-1 - Psychologie sociale	B2	Q2	30	-	-	3
<b>Epidemiology module (B1 : 4Cr, B2 : 16Cr)</b>							
ECON0722-2	<i>Econometry applied to health care</i> - Olivier ETHGEN <b>Corequisite :</b> ECON0107-3 - Introduction à l'analyse économique	B1	Q2	20	-	-	2
METO1008-4	<i>Research and conclusive data</i> - <i>Research protocol and advanced research methodology for scientific information</i> - Nancy DURIEUX - <i>Practical work in epidemiology and health economics</i> - Olivier BRUYÈRE, Justine SLOMIAN <b>Corequisite :</b> METO0750-2 - Approche transdisciplinaire des problèmes de Santé publique	B1	TA	4	2	-	2
EPID0751-2	<i>Pharmaco-epidemiology</i> - Olivier ETHGEN, JeanYves REGINSTER	B2	Q1	10	-	-	2
METO0010-1	<i>Advanced Bibliographic search and systematic review of literature</i> - Charlotte BEAUDART, Olivier BRUYÈRE, Nancy DURIEUX - [5h Mon. WS] <b>Prerequisite :</b> METO1002-1 - Ressources documentaires : Approches par données probantes	B2	Q1	5	10	[+]	4
EPID0005-1	<i>Epidemiological survey applied to nutrition</i> - Michèle GUILLAUME, Axelle HOGE - [10h Mon. WS]	B2	Q1	10	-	[+]	2
GEST2001-1	<i>Integration and reflexivity in health promotion</i> - Jocelyne ROBERT	B2	Q1	-	15	-	2
SOCI0053-5	<i>Survey methodology</i> - Sébastien FONTAINE	B2	Q2	16	6	-	3
METO1006-1	<i>Meta-analysis and critical approach of the evidence based public health</i> - Charlotte BEAUDART, Olivier BRUYÈRE, JeanYves REGINSTER - [5h Mon. WS] <b>Corequisite :</b> METO0010-1 - Recherche bibliographique avancée et revue systématique de la littérature	B2	Q2	10	10	[+]	3
<b>Nursing science module (B1 : 4Cr, B2 : 16Cr)</b>							
HYGI0001-1	<i>Healthcare-associated infections prevention</i> - MariePierre HAYETTE - [8h Mon. WS]	B1	Q1	12	-	[+]	2
METO1008-5	<i>Research and conclusive data</i>	B1	TA				2

	- <i>Research protocol and advanced research methodology for scientific information</i> - Nancy DURIEUX	4	2	-		
	- <i>Practical work in advanced practice of nursing science</i> - Jacinthe DANCOT, Samuel STIPULANTE, Yasmine ZEKRI	-	13	-		
	<b>Corequisite :</b> METO0750-2 - Approche transdisciplinaire des problèmes de Santé publique					
NUTR0001-1	<i>Nutritional approach</i> - Jacinthe DANCOT, Michèle GUILLAUME, Axelle HOGE, AnneMarie VERBRUGGE	B2	Q1	10	10	- 2
HULG0456-1	<i>Clinical ethics</i> - Jacinthe DANCOT - [24h SEM]	B2	Q1	-	-	[+] 3
GERI0001-1	<i>Interdisciplinary approach to aging</i> - MarieThérèse CASMAN - [15h SEM]	B2	Q2	5	-	[+] 3
SANT0004-1	<i>Introduction to the therapeutic education of the patient</i> - Benoît PÉTRÉ - [10h Mon. WS]	B2	Q2	10	10	[+] 4
	<b>Prerequisite :</b> SANT0740-2 - Introduction générale à la Santé publique					
COMM0006-1	<i>Communication strategy - difficult conversations</i> - <i>Theory and practice in communication</i> - <i>Specific module in nursing science</i> - Alexandre GHUYSEN	B2	TA	10	8	- 2
COMM0007-1	<i>Team-working - Management, resources and crises</i> - <i>Team working in theory and practice</i> - <i>Specific module in nursing science</i> - Alexandre GHUYSEN	B2	TA	10	8	- 2
<b>Patient education module (B1 : 4Cr, B2 : 16Cr)</b>						
SANT4005-1	<i>One Health Concept and Integrative Approaches to Health</i> - Nicolas ANTOINEMOUSSIAUX - [15h Mon. WS]	B1	Q1	20	-	[+] 3
PEDA1001-1	<i>Teaching about health (learn to learn about health)</i> - Dieudonné LECLERCQ, Benoît PÉTRÉ	B1	Q2	15	-	- 1
PSYC0056-2	<i>Assessment and prevention methods in health psychology</i> - AnneMarie ETIENNE, Céline STASSART, Aurélie WAGENER	B2	Q1	10	20	- 3
	<b>Prerequisite :</b> PSYC5905-1 - Introduction à la psychologie de la santé					
SANT3002-1	<i>Multimedia message design and analysis - Health applications</i> - Dieudonné LECLERCQ	B2	Q1	30	-	- 3
	<b>Corequisite :</b> SANT0008-1 - Méthodes avancées en communication en promotion de la santé					
METO1009-1	<i>Qualitative approach advanced methods</i> - Michèle GUILLAUME, Benoît PÉTRÉ - [5h Mon. WS, 5h Mon. Read.]	B2	Q1	10	10	[+] 3
	<b>Prerequisite :</b> METO1002-1 - Ressources documentaires : Approches par données probantes METO0750-2 - Approche transdisciplinaire des problèmes de Santé publique					
SANT0013-1	<i>Strategies of fight against social inequalities in health and health literacy</i> - MarieThérèse CASMAN, Michèle GUILLAUME, Chantal LEVA	B2	Q1	20	-	- 2
	<b>Prerequisite :</b> SANT0740-2 - Introduction générale à la Santé publique					
PSYC5894-1	<i>Change of attitude and social influence</i> - Benoît DARDENNE	B2	Q2	30	-	- 3
	<b>Prerequisite :</b> PSYC5904-1 - Introduction à la psychologie sociale					
SIMU0005-1	<i>Practice simulation with chronic patients</i> - Benoît CARDOS, Benoît PÉTRÉ	B2	Q2	5	10	- 2
	<b>Prerequisite :</b> SANT0009-1 - Education thérapeutique du patient : Aspects théoriques SIMU0001-1 - Introduction à la simulation					
	<b>Corequisite :</b> COMM0006-3 - Stratégie de communication - Conversations difficiles					

Choose one focus from the following : (B1 : 13Cr, B2 : 17Cr)

#### Professional focus in epidemiology and health economics (B1 : 13Cr, B2 : 17Cr)

EPID0003-1	<i>Ethic and good practices in epidemiology</i> - Olivier BRUYÈRE - [5h Mon. WS]	B1	Q1	10	-	[+]	4
ECON0107-3	<i>Introduction to economic analysis, Microeconomics</i> - HenryJean GATHON <b>Corequisite :</b> ECON0722-2 - Econométrie appliquée à la Santé	B1	Q1	20	6	-	3
EPID0006-1	<i>Interventional epidemiology and clinical trials</i> - Olivier BRUYÈRE, JeanYves REGINSTER - [10h Mon. WS] <b>Corequisite :</b> EPID0004-1 - Epidémiologie clinique	B1	Q2	10	-	[+]	3
EPID0004-1	<i>clinical Epidemiology</i> - Olivier BRUYÈRE - [15h SEM] <b>Corequisite :</b> EPID0006-1 - Epidémiologie interventionnelle et essais cliniques	B1	Q2	15	-	[+]	3
METO1005-1	<i>Critical analysis of scientific literature, communication and medical writing</i> - Olivier BRUYÈRE, Fanny BUCKINX, Justine SLOMIAN - [10h Mon. WS]	B2	Q1	10	10	[+]	4
EPID0750-2	<i>Complement of epidemiology</i> - Charlotte BEAUDART, Olivier BRUYÈRE, JeanYves REGINSTER, Justine SLOMIAN - [30h SEM]	B2	Q2	10	-	[+]	5
INFO0740-1	<i>DataBase Management Systems</i> - Yves WESCHE	B2	Q2	20	10	-	3
STAT0007-1	<i>Advanced statistics in epidemiology</i> - AnneFrançoise DONNEAU <b>Prerequisite :</b> STAT0730-2 - Biostatistique <b>Corequisite :</b> STAT1750-1 - Multivariate statistical analysis	B2	Q2	10	15	-	5

#### Professional Focus in Management of Healthcare Institutions (B1 : 13Cr, B2 : 17Cr)

NURS0001-1	<i>Organisation, management and evaluation of nursing cares</i> - Françoise BARDIAU	B1	Q1	25	-	-	2
GEST4001-1	<i>Organisation, management and information healthcare institutions; resources</i> - Pierre GILLET	B1	Q1	15	-	-	2
LEGI0751-1	<i>Legislation and institutional relations</i> - Relations between care institutions and their partners - PierreYves LAMBOTTE - Legislation relating to care and retirement homes - PierreYves LAMBOTTE - Social legislation and right to work - Frédérique LAMBRECHT	B1	Q2	20	-	-	6
GEST0029-1	<i>General Corporate Accounting (Night classes)</i> - Anne BILS	B1	Q2	30	15	-	3
GERI1001-1	<i>Support for the elderly in institutions</i> - Valérie BARTSCH, Sophie GILLAIN, Nicolas PAQUOT	B2	Q1	25	-	-	2
GERI1005-1	<i>Civil law relating to seniors protection and management of their patrimonies</i> - YvesHenri LELEU - Suppl : Aurélie NOTTET <b>Prerequisite :</b> LEGI0751-1 - Législation et relations institutionnelles	B2	Q1	20	-	-	2
GEST0710-2	<i>Financial management of health care institutions including financial resources budget</i> - Laurent CAMPIONI, Pierre GILLET <b>Prerequisite :</b> GEST0029-1 - Comptabilité générale des entreprises (hd)	B2	Q2	20	5	-	2
GERI0002-1	<i>Work Security, Prevention and protection in care institutions</i> - Dorina RUSU - [5h SEM]	B2	Q2	10	-	[+]	2

**Prerequisite :**

LEGI0751-1 - Législation et relations institutionnelles

SOCI1095-2 *Sociology of ageing, Theory* - Didier VRANCKEN - Suppl : Laurent NISEN B2 Q2 20 - - 2

GERI1004-1 *Seniors psychology and accompaniment* - Stéphane ADAM B2 Q2 30 - - 3

MSTG0751-1 *Placement in MR/MRS (one week) and two weeks in elderly care* - PierreYves LAMBOTTE - [8h SEM, 1w Internship] B2 TA 5 - [+] 4

**Prerequisite :**

LEGI0751-1 - Législation et relations institutionnelles

**Professional focus in advanced nursing practice (B1 : 13Cr, B2 : 17Cr)**

HULG0459-1 *Nurse clinical approach in advanced practice I* - Valérie MARTEAU, Séverine MAUCQ - [10h Mon. WS] B1 Q1 15 15 [+] 4

HULG1002-1 *The foundations of nurse discipline I* - Jacinthe DANCOT - [15h Mon. Read.] B1 Q2 - 15 [+] 4

MSTG0764-1 *Advanced practical seminars integrating the analysis of clinical situations I* - Valérie MARTEAU, Séverine MAUCQ, Samuel STIPULANTE - [20h Mon. WS] B1 TA - - [+] 5

**Corequisite :**

HULG0459-1 - Démarche clinique infirmière en pratique avancée I

HULG1002-1 - Fondements de la discipline infirmière I

HULG1003-1 *The foundations of nurse discipline II* - Jacinthe DANCOT - [15h Mon. Read.] B2 Q1 - 15 [+] 4

**Prerequisite :**

HULG1002-1 - Fondements de la discipline infirmière I

HULG0457-1 *Nurse clinical approach in advanced practice II* - Valérie MARTEAU, Séverine MAUCQ B2 Q1 20 20 - 5

**Prerequisite :**

HULG0459-1 - Démarche clinique infirmière en pratique avancée I

HULG1005-1 *Research in nursing science II* - Yasmine ZEKRI - [5h Mon. Read.] B2 Q1 5 10 [+] 2

**Prerequisite :**

METO1008-5 - Recherche et données probantes

MSTG1019-1 *Advanced practices seminars, including clinical situations analysis II* - Valérie MARTEAU, Séverine MAUCQ, Samuel STIPULANTE - [20h Mon. WS] B2 TA - - [+] 6

**Prerequisite :**

MSTG0764-1 - Séminaires de pratique avancée, intégrant l'analyse de situations cliniques I

**Professional focus in promoting health (B1 : 13Cr, B2 : 17Cr)**

PSYC1054-1 *Psychology and Health* - AnneMarie ETIENNE B1 Q1 30 - - 3

PSYC0017-1 *Social psychology* - Benoît DARDENNE B1 Q2 30 - - 3

SANT0012-1 *Promotion of health programs engineering* - Chantal LEVA B1 Q2 10 10 - 3

MSTG1018-1 *Sectoral and interdisciplinary approach to health promotion* - Chantal LEVA B1 TA 5 10 - 2

METO1008-6 *Research and conclusive data* - Research protocol and advanced research methodology for scientific information - Nancy DURIEUX B1 TA 4 2 - 2  
*Practical work in care facility management, critically-ill patients, health promotion and patient educational therapy* - Alexandre GHUYSEN, Michèle GUILLAUME, Benoît PÉTRÉ - 13 -

**Corequisite :**

METO0750-2 - Approche transdisciplinaire des problèmes de Santé publique

SANT0008-1 *Advanced methods in communication of promotion of health* - Marianne VON FRENCKELL B2 Q1 10 10 - 2

**Prerequisite :**

SANT1001-1 - Principes de communication en Santé publique

SANT0750-3	<i>Evaluation of public health programmes</i> - Elisabeth PAUL, Denis PORIGNON - [5h SEM]	B2	Q1	15	5	[+]	4
SOCI2243-1	<i>International co-operation sociology</i> - Gautier PIROTTE	B2	Q1	45	-	-	5
SANT4001-1	<i>Community health</i> - Chantal LEVA - [15h Mon. Read.]	B2	Q1	15	-	[+]	3
SANT4002-1	<i>Integrated exercises in ethics to promote health</i> - Florence CAEYMAEX, Michèle GUILLAUME	B2	Q1	5	5	-	3

**Professional focus in the critical patient (B1 : 13Cr, B2 : 17Cr)**

TECH0756-1	<i>Deontological problems and ethics relating to critically-ill patients</i> - Nicole BARTHELEMY, Alexandre GHUYSEN	B1	Q2	10	-	-	2
TECH1002-1	<i>Introduction to substitution - Training through simulation</i> - Théophile AMAND, Rodolphe DURIEUX, JeanNoël KOCH, Marc LAGNY, Paul MASSION	B1	Q2	10	10	-	2

**Corequisite :**

REAN0003-1 - Techniques de Monitoring du patient critique

REAN0003-1	<i>Techniques of critical patient monitoring</i> - Alexandre GHUYSEN	B1	Q2	20	-	-	3
TECH1003-1	<i>Critically ill patient surgery</i> - <i>Introduction to cardiac surgery and perfusion in resuscitation</i> - Quentin DESIRON, Vincent TCHANASATO - <i>Transplantation surgery : cardiopulmonary, kidney-pancreas, liver</i> - Olivier DETRY, JeanPaul SQUIFFLET, Vincent TCHANASATO - <i>Polytraumatized</i> - Romain BETZ	B2	Q1	15	-	-	3
				15	-	-	
				5	-	-	

**Prerequisite :**

TECH0750-1 - Éléments structurels et fonctionnels de base

**Choose the optional subject Intensive care and emergencies or the subject Perfusion (B1 : 6Cr, B2 : 14Cr)**

**Option perfusion (B1 : 6Cr, B2 : 14Cr)**

TECH0740-1	<i>Clinical applications and professional practice I</i> - JeanNoël KOCH, Marc LAGNY	B1	Q2	30	-	-	3
MSTG0740-1	<i>Clinical placement and the simulation laboratory</i> - JeanOlivier DEFRAIGNE, JeanNoël KOCH, Marc LAGNY	B1	TA	-	-	-	3
TECH0754-1	<i>Clinical applications and professional practice II</i> - Jonathan GOFFOY, JeanNoël KOCH, Marc LAGNY - [10h SEM]	B2	Q1	10	10	[+]	3
TECH0753-1	<i>Biocompatibility and biomaterials, fluid dynamics and circulatory modelling</i> - Théophile AMAND, Thomas DESAIVE, JeanNoël KOCH, Philippe MORIMONT	B2	Q2	15	-	-	2
TECH0752-1	<i>Replacement devices</i> - Théophile AMAND, Jonathan GOFFOY, JeanNoël KOCH, Marc LAGNY, Paul MASSION, Philippe MORIMONT	B2	Q2	10	-	-	2
TECH1001-1	<i>Advanced adult and paediatric Cardiac surgery</i> - Pierre BONNET, Marc RADERMECKER, Dominique THIRY	B2	Q2	15	5	-	2

**Corequisite :**

TECH1003-1 - Chirurgie du patient critique

TECH0751-1	<i>Anaesthesia and pharmacological resuscitation applied to the CEC</i> - Grégory HANS, MarieBernard HUBERT, Laurence ROEDIGER, Marc SENARD	B2	Q2	20	-	-	2
MSTG0752-1	<i>Specific placement in intravenous treatments, including in the simulation laboratory</i> - JeanOlivier DEFRAIGNE, JeanNoël KOCH, Marc LAGNY <b>Prerequisite :</b> MSTG0740-1 - Stage clinique et au laboratoire de simulation	B2	TA	-	-	-	3
<b>Option Intensive Care and Emergencies (B1 : 6Cr, B2 : 14Cr)</b>							
URGC0003-1	<i>Emergencies specialized and transportable services for emergency resuscitation</i> - Alexandre GHUYSEN	B1	Q2	30	-	-	3
URGC0002-1	<i>Approach of nursing function specialized in emergencies : sorting systems</i> - Edmond BRASSEUR, Alexandre GHUYSEN, Samuel STIPULANTE, Rebecca TUBES	B1	TA	12	9	-	3
URGC0751-1	<i>Collective emergencies and disaster plans</i> - Alexandre GHUYSEN <b>Prerequisite :</b> URGC0002-1 - Approche des fonctions infirmières spécifiques aux urgences : système de triage URGC0003-1 - Urgences spécialisées et Services Mobiles d'Urgence Réanimation	B2	Q1	20	-	-	2
REAN0004-1	<i>Specialized intensive care unit</i> - <i>Coronary Care Unit</i> - Patrizio LANCELLOTTI - <i>Management of people who suffer major burns</i> - Denise JACQUEMIN, AnneFrançoise ROUSSEAU - <i>Respiratory resuscitation unit</i> - Bernard LAMBERMONT - <i>Neuro resuscitation Unit - Stroke units</i> - Colette FRANSSSEN, Julien LY - <i>Onco resuscitation Unit - Sterile units</i> - Frédéric BARON, Yves BEGUIN <b>Prerequisite :</b> URGC0003-1 - Urgences spécialisées et Services Mobiles d'Urgence Réanimation	B2	Q1	5	-	-	3
URGC1001-1	<i>Elements of radioprotection</i> - Véra PIRLET	B2	Q1	8	-	-	1
URGC0754-1	<i>Resuscitation mother-child</i> - Patrick EMONTS, Benoît MISSET, Michelle NISOLLE, Vincent RIGO	B2	Q2	10	5	-	1
NUTR0003-1	<i>Emergency nutrition and nutrition in intensive cares</i> - Nicolas PAQUOT	B2	Q2	5	-	-	1
MSTG9059-1	<i>Placement in simulation</i> - Nadège DUBOIS, Alexandre GHUYSEN <b>Prerequisite :</b> SIMU0001-1 - Introduction à la simulation	B2	TA	6	32	-	2
COMM0006-2	<i>Communication strategy - difficult conversations</i> - <i>Theory and practice in communication</i> - <i>Specific module in critically-ill patient</i> - Alexandre GHUYSEN	B2	TA	10	8	-	2
COMM0007-2	<i>Team-working - Management, resources and crises</i> - <i>Team working in theory and practice</i> - <i>Specific module in critical care</i> - Alexandre GHUYSEN	B2	TA	10	8	-	2
<b>Professional focus in therapeutic patient education (B1 : 13Cr, B2 : 17Cr)</b>							
SANT0009-1	<i>Therapeutic education of the patient : theoretical aspects</i> - Benoît PÉTRÉ - [10h Mon. WS]	B1	Q1	10	10	[+]	3
PSYC5905-1	<i>Introduction to health psychology</i> - AnneMarie ETIENNE	B1	Q1	30	-	-	3
PSYC5904-1	<i>Introduction to social psychology</i> - Benoît DARDENNE	B1	Q2	30	-	-	3
MSTG9058-1	<i>Placement in patient educational therapy</i> - Benoît PÉTRÉ - [30h Internship, 10h SEM]	B1	Q2	-	-	[+]	2

**Corequisite :**

SANT0009-1 - Education thérapeutique du patient : Aspects théoriques

METO1008-6	<i>Research and conclusive data</i>	B1	TA						<b>2</b>
	- <i>Research protocol and advanced research methodology for scientific information</i> - Nancy DURIEUX			4	2	-			
	- <i>Practical work in care facility management, critically-ill patients, health promotion and patient educational therapy</i> - Alexandre GHUYSEN, Michèle GUILLAUME, Benoît PÉTRÉ					13	-		

**Corequisite :**

METO0750-2 - Approche transdisciplinaire des problèmes de Santé publique

SANT1004-1	<i>Therapeutic education of the patient : practical aspects and ethical analysis</i> - Florence CAEYMAEX, Benoît PÉTRÉ	B2	Q1	20	40	-			<b>6</b>
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**Prerequisite :**

SANT0009-1 - Education thérapeutique du patient : Aspects théoriques

SANT0010-1	<i>ETP programs engineering</i> - Claire MARCHAND, Benoît PÉTRÉ - [5h Mon. Read., 5h Mon. WS]	B2	Q2	10	10	[+]			<b>4</b>
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SANT1005-1	<i>Integration seminars: development of a personal portfolio</i> - Benoît PÉTRÉ - [15h SEM]	B2	TA	-	-	[+]			<b>3</b>
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**Prerequisite :**

MSTG9058-1 - Stage en éducation thérapeutique du patient

SANT0009-1 - Education thérapeutique du patient : Aspects théoriques

**Corequisite :**

PSYC0056-2 - Méthodes d'évaluation et de prévention en psychologie de la santé

SANT1004-1 - Education thérapeutique du patient : Aspects pratiques et analyse éthique

COMM0006-3	<i>Communication strategy - difficult conversations</i>	B2	TA						<b>2</b>
	- <i>Theory and practice in communication</i>			10	8	-			
	- <i>Specific module in patient therapeutical education</i> - Alexandre GHUYSEN				8	-			

COMM0007-3	<i>Team-working - Management, resources and crises</i>	B2	TA						<b>2</b>
	- <i>Team working in theory and practice</i>			10	8	-			
	- <i>Specific module on patient therapeutic education</i> - Alexandre GHUYSEN				8	-			

## Additional ECTS Master in public health sciences (120 ECTS)

### Optional courses (B0 : 29Cr)

Choose courses for a maximum of 29 credits depending on their profile and the chosen professional focus (B0 : 29Cr)

*Notice* : the study programme will be adapted to the student's profile and the professional focus chosen

PSYC0520-1	<i>Introduction to psychology</i> - Laurence ROUSSELLE - Suppl : Sarah SCHROYEN	B0	Q1	15	-	-			<b>2</b>
SANT0724-1	<i>Introduction to Mental Health</i> - JeanMarc TRIFFAUX	B0	Q1	15	-	-			<b>2</b>
MICR0712-2	<i>Microbiology, elements of virology and transmissible diseases</i> - MariePierre HAYETTE, Nathalie JACOBS	B0	Q1	20	-	-			<b>2</b>
BIOC0700-1	<i>Human Biochemistry</i> - Christel PEQUEUX	B0	Q1	15	-	-			<b>2</b>
INFO1001-1	<i>Introduction to the use of computer tools</i> - Nathalie CAVAN, Sylvie STREEL	B0	Q1	10	10	-			<b>2</b>
SANT0710-1	<i>Health of children and teenagers</i> - AnneSimone PARENT	B0	Q2	20	-	-			<b>2</b>
SOCI0154-1	<i>Introduction to sociology</i> - JeanFrançois ORIANNE	B0	Q2	15	-	-			<b>2</b>
ECON0610-3	<i>Introduction to political economy, Theory</i> - HenryJean GATHON	B0	Q2	30	-	-			<b>3</b>

PHIL0110-1	<i>Epistemology of Health Sciences</i> - Vinciane DESPRET	B0	Q2	15	-	-	<b>2</b>
ANTH0001-1	<i>Social and cultural anthropology 1</i> - Benjamin RUBBERS	B0	Q2	30	-	-	<b>5</b>
LANG1002-1	<i>English applied to Public health</i> - Jérôme GAILLARD, ISLV, Martin POLSON, Sébastien SCHOENMAECKERS - [10h Mon. Read.]	B0	Q2	10	10	[+]	<b>2</b>
SANT0002-1	<i>Biomedical and preventive approach of chronic diseases</i> - JeanChristophe PHILIPS	B0	Q2	30	-	-	<b>3</b>