

**Block view of the study programme**

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**Block 1**

**Compulsory Courses**

**1st semester**

STAT0730-2	<i>Biostatistics</i> - <i>Biostatistics</i> - AnneFrançoise DONNEAU - <i>Statistical analysis software</i> - AnneFrançoise DONNEAU, Philippe KOLH	Q1	30	-	-	5
SANT0740-2	<i>General introduction to public health</i> - Michèle GUILLAUME - [10h Mon. WS]	Q1	30	-	[+]	4
METO1021-1	<i>Critical approach to evidence based public health</i> - Olivier BRUYÈRE, Nancy DURIEUX - [10h AUTR]	Q1	20	20	[+]	5
ECON2304-1	<i>Organisational and economic aspects of health systems</i> - Benoît COLLIN, Fabienne FECHERBOURGEOIS, Yolande HUSDEN, Denis PORIGNON - [10h AUTR]	Q1	40	-	[+]	5
LEGI1005-1	<i>Law, legislation and regulations in the healthcare sector</i> - Quentin DETIENNE, Gilles GENICOT, Pierre GILLET - [15h AUTR]	Q1	35	10	[+]	5
SANT4009-1	<i>Population health</i> - Romain BETZ, Gilles DARCIS, JeanChristophe PHILIPS - [10h AUTR]	Q1	30	-	[+]	3
SANT4008-1	<i>Social issues and ethics in healthcare</i> - Florence CAEYMAEX	Q1	20	-	-	3
SANT1001-2	<i>Public health communication principles</i> - Marianne VON FRENCKELL	Q1	20	10	-	3

**2nd semester**

SANT4011-1	<i>Epidemiology</i> - Olivier BRUYÈRE <b>Corequisite :</b> STAT0730-2 - Biostatistique	Q2	30	15	-	4
SANT4010-1	<i>Analysis of public health actions</i> - Nathan CHARLIER, Catherine FALLON, Aline THIRY - [10h AUTR]	Q2	30	-	[+]	4
GEST7057-1	<i>Strategic management of health organisations</i> - Pierre GILLET, Nicolas NEYSEN	Q2	20	15	-	4
HULG9561-1	<i>Integration Module (EHESP Rennes - France)</i>	-	-	-	-	3
METO1022-1	<i>Research methodology, Partim théorique</i> - Michèle GUILLAUME, Benoît PÉTRÉ, Sylvie STREEL, Sandrina VANDENPUT	TA	30	10	-	4

**Elective courses**

Choose courses for a total of 8 credits from:

SANT0013-1	<i>Strategies of fight against social inequalities in health</i> - Florence CAEYMAEX, Michèle GUILLAUME, Benoît PÉTRÉ - [20h AUTR]	Q1	10	-	[+]	2
PEDA4060-1	<i>Health education and communication</i> - Benoît PÉTRÉ - [15h AUTR]	Q1	15	-	[+]	3
SANT4014-1	<i>Health technology assessment and medical-economic evaluation</i> - Olivier ETHGEN - [10h AUTR]	Q1	20	10	[+]	4
SANT4012-1	<i>One Health and Integrative Approaches to Health</i> - Nicolas ANTOINEMOUSSIAUX - [15h AUTR] <b>Corequisite :</b> SANT0740-2 - Introduction générale à la Santé publique	Q2	20	-	[+]	3
SANT4013-1	<i>Promoting health and its determinants</i> - Michèle GUILLAUME, Chantal LEVA, Bénédicte MACHIELS, Benoît PÉTRÉ - [10h AUTR] <b>Corequisite :</b> SANT0740-2 - Introduction générale à la Santé publique	Q2	30	-	[+]	3
METO1023-1	<i>Qualitative research methods</i> - Benoît PÉTRÉ - [25h AUTR]	Q2	25	-	[+]	3

**Corequisite :**

METO1022-1 - Méthodologie de la recherche

PSYC5894-2	<i>Change of behaviour and social influence</i> - Benoît DARDENNE	Q2	30	-	-	3
SANT4020-1	<i>Global change and health</i> - Nicolas ANTOINEMOUSSIAUX, Pierre OZER - [5h AUTR]	Q2	15	-	[+]	2
SANT4023-1	<i>Multiculturalism and health</i> - Nicolas ANTOINEMOUSSIAUX, Oriane BODSON - [5h AUTR]	Q2	15	-	[+]	2
SANT4024-1	<i>Health in socio-ecosystems</i> - Nicolas ANTOINEMOUSSIAUX	Q2	16	-	-	2
SANT4019-1	<i>Digital transition in the field of healthcare</i> - Nicolas NEYSEN	Q2	25	10	-	4
NUTR1006-1	<i>Research into action and nutrition in public health</i> - Nicolas ANTOINEMOUSSIAUX, Axelle HOGE, Denis PORIGNON	Q2	30	10	-	4

*Notice :* Note: access to the NUTR1006-1 course requires solid prior knowledge in nutrition.

#### Block 2

#### Elective courses

##### Single focus

##### Professional focus ERASMUS MUNDUS Europubhealth+

[...] Choose 30 credits below from one of the 7 courses lists of a partner institution

Choose 30 credits among :

[...] inside one of the partner institution's list below

#### Health Services Management (University of Granada - Andalusian School of Public Health - Spain)

HULG9633-1	<i>Health Policy and Management</i> (english language)	-	-	-	-	3
HULG9634-1	<i>Context Strategy and Health Management</i> (english language)	-	-	-	-	3
HULG9635-1	<i>Health Economics</i> (english language)	-	-	-	-	3
HULG9636-1	<i>Human Resources</i> (english language)	-	-	-	-	3
HULG9637-1	<i>Managed Care and Clinical Governance</i> (english language)	-	-	-	-	3
HULG9638-1	<i>Quality Assurance and Total Quality Manangement</i> (english language)	-	-	-	-	3
HULG9639-1	<i>Patient safety</i> (english language)	-	-	-	-	2
HULG9640-1	<i>Clinical effectiveness</i> (english language)	-	-	-	-	3
HULG9641-1	<i>Ethics in Health Organization</i> (english language)	-	-	-	-	3
HULG9642-1	<i>Implementation Science</i> (english language)	-	-	-	-	3
HULG9643-1	<i>Dissertation and Internship</i> (english language)	-	-	-	-	28
HULG9644-1	<i>Integration Module at EHESP in Rennes-France</i> (english language)	30	-	-	-	3

#### Advanced Biostatistics and Epidemiology (EHESP School of Public Health, Paris - France)

##### 1. Concentration in Epidemiology

HULG9645-1	<i>Advanced Core module Epidemiology</i> (english language)	30	-	-	-	3
HULG9646-1	<i>Advanced Core module Biostatistics</i> (english language)	30	-	-	-	3
HULG9647-1	<i>Advanced Core module - Environmental and occupational health sciences</i> (english language)	30	-	-	-	3
HULG9648-1	<i>Analysis in Epidemiology (I)</i> (english language)	30	-	-	-	3
HULG9649-1	<i>Analysis in Epidemiology (II)</i> (english language)	-	-	-	-	3
HULG9650-1	<i>Design and Methods in Epidemiology</i> (english language)	-	-	-	-	3

HULG9657-1	<i>Dissertation and placement</i> (english language)	-	-	-	<b>27</b>
HULG9644-1	<i>Integration Module at EHESP in Rennes-France</i> (english language)	30	-	-	<b>3</b>

**4 elective modules to be chosen among:**

HULG9651-1	<i>Infectious Disease Epidemiology</i> (english language)	-	-	-	<b>3</b>
HULG9652-1	<i>Chronic Disease Epidemiology</i> (english language)	-	-	-	<b>3</b>
HULG9653-1	<i>Minor A ISB Multidimensional &amp; multivariate statistical methods</i> (english language)	-	-	-	<b>3</b>
HULG9654-1	<i>Introduction to R : computing, graphics for statistics &amp; Epidemiology</i> (english language)	-	-	-	<b>3</b>
HULG9655-1	<i>Perinatal &amp; Pediatric Epidemiology</i> (english language)	-	-	-	<b>3</b>
HULG9656-1	<i>Multi-level Analysis</i> (english language)	-	-	-	<b>3</b>

**2. Concentration in Biostatistics**

HULG9645-1	<i>Advanced Core module Epidemiology</i> (english language)	30	-	-	<b>3</b>
HULG9646-1	<i>Advanced Core module Biostatistics</i> (english language)	30	-	-	<b>3</b>
HULG9647-1	<i>Advanced Core module - Environmental and occupational health sciences</i> (english language)	30	-	-	<b>3</b>
HULG9654-1	<i>Introduction to R : computing, graphics for statistics &amp; Epidemiology</i> (english language)	-	-	-	<b>3</b>
HULG9653-1	<i>Minor A ISB Multidimensional &amp; multivariate statistical methods</i> (english language)	-	-	-	<b>3</b>
HULG9658-1	<i>Modeling of infectious diseases</i> (english language)	30	-	-	<b>3</b>
HULG9660-1	<i>Spatial statistical analysis</i> (english language)	-	-	-	<b>3</b>
HULG9657-1	<i>Dissertation and placement</i> (english language)	-	-	-	<b>27</b>
HULG9644-1	<i>Integration Module at EHESP in Rennes-France</i> (english language)	30	-	-	<b>3</b>

**3 elective modules to be chosen among :**

HULG9650-1	<i>Design and Methods in Epidemiology</i> (english language)	-	-	-	<b>3</b>
HULG9648-1	<i>Analysis in Epidemiology (I)</i> (english language)	30	-	-	<b>3</b>
HULG9649-1	<i>Analysis in Epidemiology (II)</i> (english language)	-	-	-	<b>3</b>
HULG9656-1	<i>Multi-level Analysis</i> (english language)	-	-	-	<b>3</b>
HULG9659-1	<i>GIS and Environmental Health</i> (english language)	30	-	-	<b>3</b>

**Environmental and Occupational Health Sciences (EHESP School of Public Health, Paris - France)**

HULG9647-1	<i>Advanced Core module - Environmental and occupational health sciences</i> (english language)	30	-	-	<b>3</b>
HULG9662-1	<i>The control of Environmental Infectious Diseases</i> (english language)	-	-	-	<b>3</b>
HULG9659-1	<i>GIS and Environmental Health</i> (english language)	30	-	-	<b>3</b>
HULG9651-1	<i>Infectious Disease Epidemiology</i> (english language)	-	-	-	<b>3</b>
HULG9663-1	<i>Critical windows of exposures and vulnerability</i> (english language)	30	-	-	<b>3</b>
HULG9645-1	<i>Advanced Core module Epidemiology</i> (english language)	30	-	-	<b>3</b>
HULG9646-1	<i>Advanced Core module Biostatistics</i> (english language)	30	-	-	<b>3</b>
HULG9657-1	<i>Dissertation and placement</i> (english language)	-	-	-	<b>27</b>
HULG9644-1	<i>Integration Module at EHESP in Rennes-France</i> (english language)	30	-	-	<b>3</b>

**Choose 2 elective modules to be chosen among:**

HULG9654-1	<i>Introduction to R : computing, graphics for statistics &amp; Epidemiology</i> (english language)	-	-	-	3
HULG9650-1	<i>Design and Methods in Epidemiology</i> (english language)	-	-	-	3
HULG9660-1	<i>Spatial statistical analysis</i> (english language)	-	-	-	3
HULG9658-1	<i>Modeling of infectious diseases</i> (english language)	30	-	-	3
HULG9648-1	<i>Analysis in Epidemiology (I)</i> (english language)	30	-	-	3
<b>Governance of health system in transition (Jagiellonian University Medical College, Krakow - Poland)</b>					
HULG9665-1	<i>Introduction to governance in health system</i> (english language)	-	-	-	3
HULG9666-1	<i>Health systems goals and performance in transition</i> (english language)	-	-	-	2
HULG9667-1	<i>Financial resources for health</i> (english language)	-	-	-	2
HULG9668-1	<i>Human resources for health</i> (english language)	-	-	-	2
HULG9669-1	<i>Change management and leadership</i> (english language)	-	-	-	2
HULG9670-1	<i>Economic burden of diseases</i> (english language)	-	-	-	3
HULG9671-1	<i>Health technology assessment and rational pharmaceutical policy</i> (english language)	-	-	-	4
HULG9672-1	<i>Market and economic incentives in health care</i> (english language)	-	-	-	2
HULG9673-1	<i>New public management in health care</i> (english language)	-	-	-	1
HULG9674-1	<i>Projections of health care expenditure and revenue</i> (english language)	-	-	-	2
HULG9675-1	<i>Coordinated/managed care</i> (english language)	-	-	-	2
HULG9676-1	<i>Health impact assessment in all policies</i> (english language)	-	-	-	2
HULG9677-1	<i>Qualitative and quantitative research methods</i> (english language)	-	-	-	2
HULG9678-1	<i>Practical placement</i> (english language)	-	-	-	11
HULG9679-1	<i>Master's seminar and Dissertation</i> (english language)	-	-	-	17
HULG9644-1	<i>Integration Module at EHESP in Rennes-France</i> (english language)	30	-	-	3
<b>Leadership in European Public Health (University of Maastricht - Faculty of Health, Medicine and Life Sciences - The Netherlands)</b>					
HULG9680-1	<i>Introduction to Governance and leadership in European Public Health</i> (english language)	-	-	-	5
HULG9681-1	<i>Measuring and Comparing Health in Europe - Quantitative and Qualitative Approaches</i> (english language)	-	-	-	5
HULG9682-1	<i>Identifying and assessing good and best practices in health</i> (english language)	-	-	-	5
HULG9683-1	<i>Europe as one zone : European Health Law &amp; Policies : The Translation of Evidence into Norms</i> (english language)	-	-	-	5
HULG9684-1	<i>Public health leadership (strand)</i> (english language)	-	-	-	6
HULG9685-1	<i>Diffusion, Implementation and Quality Assurance of Health Innovations in Europe</i> (english language)	-	-	-	5
HULG9686-1	<i>Public Health Law and Governance</i> (english language)	-	-	-	5
HULG9687-1	<i>The EU, Enlargement and Global Health</i> (english language)	-	-	-	3
HULG9688-1	<i>Research Methods / Dissertation and placement</i> (english language)	-	-	-	21
HULG9644-1	<i>Integration Module at EHESP in Rennes-France</i> (english language)	30	-	-	3
<b>Health Law (University of Rennes 1 - Faculty of Law and Political Sciences - France)</b>					
HULG9689-1	<i>Organization of health and social care sectors</i> (english language)	-	-	-	9

HULG9690-1	<i>Health economics, finance and determinants</i> (english language)	-	-	-	<b>5</b>
HULG9691-1	<i>Ethics and health</i> (english language)	-	-	-	<b>3</b>
HULG9692-1	<i>Internship and methodology</i> (english language)	-	-	-	<b>13</b>
HULG9693-1	<i>Responsibility</i> (english language)	-	-	-	<b>4</b>
HULG9694-1	<i>Ethics and People's Right</i> (english language)	-	-	-	<b>4</b>
HULG9695-1	<i>Ethics and decisions in Health</i> (english language)	-	-	-	<b>6</b>
HULG9696-1	<i>Thesis and internship</i> (english language)	-	-	-	<b>13</b>
HULG9644-1	<i>Integration Module at EHESP in Rennes-France</i> (english language)	30	-	-	<b>3</b>
<b>Health Promotion and Prevention (EHESP School of Public Health, Rennes - France)</b>					
HULG9697-1	<i>Modern-day challenges in Health promotion and prevention</i> (english language)	-	-	-	<b>6</b>
HULG9698-1	<i>Intervention strategies and methods in health prevention and promotion</i> (english language)	-	-	-	<b>3</b>
HULG9699-1	<i>Setting up and management of health prevention and promotion projects</i> (english language)	-	-	-	<b>6</b>
HULG9700-1	<i>Research methods applied to health prevention and promotion</i> (english language)	-	-	-	<b>3</b>
HULG9701-1	<i>Improved knowledge of health prevention and promotion strategies</i> (english language)	-	-	-	<b>6</b>
HULG9702-1	<i>Improved knowledge of health prevention and promotion themes</i> (english language)	-	-	-	<b>3</b>
HULG9703-1	<i>Improved knowledge of methods and evaluation</i> (english language)	-	-	-	<b>7</b>
HULG9704-1	<i>Dissertation and placement</i> (english language)	-	-	-	<b>23</b>
HULG9644-1	<i>Integration Module at EHESP in Rennes-France</i> (english language)	30	-	-	<b>3</b>