






5 credits

30.0 h

Q1

Teacher(s)	Masquelier Bruno ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	<ul style="list-style-type: none"> <li>• The mortality history of populations : compared perspectives of epidemiological transitions ;</li> <li>• Information systems and strategies of observation and research in the field of health (prospective and experimental studies, case-control studies) ;</li> <li>• Concepts - health, reproductive health, morbidity, nutritional status, disability, dependence, mortality - and their indicators ;</li> <li>• Demo-epidemiologic measures: incidence, prevalence, relative risks ;</li> <li>• Today's main problems in public health: North/South comparison.</li> </ul>
Aims	<p>1. know the sources of information ;</p> <p>----</p> <p>2. know methods to analyze health and mortality in populations over time and space.</p> <p>----</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Evaluation methods	<p><b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b></p> <p>In-session written exam (mix of MCQs and open questions) (10/20). Group work (3 max): writing a brief literature review (8-10 pages) on a health problem of your choice.</p>
Teaching methods	<p><b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b></p> <p>The course alternates methodological and thematic presentations on major public health issues.</p>
Content	<p>The course LDEMO2610 provides an introduction to the study of population health. After a first part devoted to the main indicators, data sources and observation methods, the course details in a second part the theoretical framework of the epidemiological transition and presents some exceptions to this theoretical scheme. The third part of the course examines the main health issues from a life course perspective, from conception to old age: (1) stillbirths and mortality of children under 15, (2) maternal health, HIV/AIDS, and injuries, (3) non-communicable diseases, (4) infectious diseases (malaria and tuberculosis). Two sessions are devoted to nutrition and environmental health.</p>
Inline resources	Course slides and articles available on the course page on MoodleUCL.
Bibliography	<p>R. Bonita, R. Beaglehole, and T. Kjellstrom. <i>Eléments d'épidémiologie</i>. Organisation mondiale de la santé, 2010.</p> <p>T.K. Young. <i>Population Health: Concepts and Methods</i>. Oxford University Press, 2005.</p>
Faculty or entity in charge	PSAD

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Advanced Master in Development, Environment and Societies	DVLP2MC	5		
Master [120] in Public Administration	ADPU2M	5		
Master [120] in Population and Development Studies	SPED2M	5		
Interdisciplinary Advanced Master in Science and Management of the Environment and Sustainable Development	ENVI2MC	5		
Master [120] in Family and Sexuality Studies	SEX2M	5		
Master [120] in Environmental Science and Management	ENVI2M	5		