





5.00 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>
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <ol style="list-style-type: none"> <li>1. know the sources of information ;</li> <li>2. know methods to analyze health and mortality in populations over time and space.</li> </ol>
Evaluation methods	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.
Teaching methods	The course alternates methodological and thematic presentations on major public health issues.
Content	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). One session is devoted to environmental health, and the last two sessions provide an opportunity to present and discuss group work.
Inline resources	Course slides and articles available on the course page on MoodleUCL.
Bibliography	<p>Bonita R., R. Beaglehole, and T. Kjellstrom. <i>Éléments d'épidémiologie</i>. Organisation mondiale de la santé, 2010.</p> <p>Young T.K. <i>Population Health: Concepts and Methods</i>. Oxford University Press, 2005.</p> <p>Lutz, W. &amp; Kebede, E. Education and Health: Redrawing the Preston Curve, <i>Population and Development Review</i>, Wiley, 2018, 44, 343-361</p> <p>Vallin, J. &amp; Meslé, F. Convergences and divergences in mortality: A new approach of health transition, <i>Demographic Research</i>, 2004, S2, 11-44</p>
Faculty or entity in charge	PSAD

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