





Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	30.0 h	Q1
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Teacher(s)	Bocquier Philippe ;Masquelier Bruno ;Masquelier Bruno (compensates Bocquier Philippe) ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	<ul style="list-style-type: none"> • The mortality history of populations : compared perspectives of epidemiological transitions ; • Information systems and strategies of observation and research in the field of health (prospective and experimental studies, case-control studies) ; • Concepts - health, reproductive health, morbidity, nutritional status, disability, dependence, mortality - and their indicators ; • Demo-epidemiologic measures: incidence, prevalence, relative risks ; • Today's main problems in public health: North/South comparison.
Aims	<ol style="list-style-type: none"> 1. know the sources of information ; ----- 2. know methods to analyze health and mortality in populations over time and space. ----- <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>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>In-session written exam (mix of MCQs and open questions) (10/20). Group work (3 max): writing a small literature review (8-10 pages) on a health problem of your choice.</p>
Teaching methods	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>The course alternates methodological and thematic presentations on major public health issues.</p>
Content	<p>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 presents in a second part two theoretical frameworks: the epidemiological transition and the social determinants of health. The third part of the course examines the health of populations at different stages of life: management of pregnancies and maternal mortality; stillbirths and child mortality; the health of adolescents and young adults; cardiovascular diseases and cancers; health at older ages and degenerative diseases. Three sessions are then devoted to nutrition, environmental health and infectious diseases (malaria and tuberculosis).</p>
Inline resources	Course slides and articles available on the course page on MoodleUCL.
Bibliography	<p>R. Bonita, R. Beaglehole, and T. Kjellstrom. <i>Éléments 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

Force majeure

Teaching methods	The course is given in remote mode via Teams, using the time slots scheduled in the course program.
Evaluation methods	If it is not possible to organize the exams in face-to-face mode, a written exam on Moodle will be organized. It will consist of multiple-choice and open questions.

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
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 Population and Development Studies	SPED2M	5		
Master [120] in Public Administration	ADPU2M	5		
Master [120] in Environmental Science and Management	ENVI2M	5		