







5.00 credits

30.0 h

Q1

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| Teacher(s) | Masquelier Bruno ; |
| 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. |
| Learning outcomes | <p>At the end of this learning unit, the student is able to :</p> <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. |
| 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). Two sessions are devoted to nutrition and environmental health. |
| Inline resources | Course slides and articles available on the course page on MoodleUCL. |
| Bibliography | R. Bonita, R. Beaglehole, and T. Kjellstrom. <i>Éléments d'épidémiologie</i> . Organisation mondiale de la santé, 2010. T.K. Young. <i>Population Health: Concepts and Methods</i> . Oxford University Press, 2005. |
| Faculty or entity in charge | PSAD |

| Programmes containing this learning unit (UE) | | | | |
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| Program title | Acronym | Credits | Prerequisite | Learning outcomes |
| 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 | |  |