UCLouvain

lsped1211

2020

Introduction to Demography

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

Teacher(s)	Schoumaker Bruno ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	The course opens with a short history of how the world came to be populated. This is followed by a multi-disciplinary approach to "demographic issues", the interrelations of statistical population structures and the process of their continuous renewal throughout time. A major part of the course is devoted to the presentation of basic methods of describing and analyzing these structures and demographic processes, through population pyramids, mortality, fertility and migrations. The rest of the course deals with the major theories and demographic doctrines (such as Malthusianism, and transition), the causes and consequences (social, economic and political) of demographic development and the prospects for world populations.
Aims	1 This course aims to equip students with the basic concepts and tools for analyzing the continuous process of population renewal throughout time, and to make them aware of interrelations of demographic dynamics (fertility, mortality, migration) and a range of contextual factors (social, economic, political and ideological). - - - - *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".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** **First session (January)** Written exam in session, including for example exercises, graph interpretation, calculation and interpretation of demographic indicators, commentary on demographic developments using the theoretical elements and examples discussed during the course. The exam also requires a good command of demographic vocabulary, key concepts and data sources. The exam may be organized in whole or in part on Moodle if conditions require or allow it. Two tests are organised on Moodle during the quadrimester. Students will have a bonus between 0 and 1 point which is added to the grade of the January written exam. The bonus is calculated as the geometric mean of the two scores. For example, for a person with 8/20 on the first test and 12/20 on the second test, the bonus will be equal to 0.49. A person with 1/20 and 19/20 will have a bonus of 0.22. A person with 0/20 has one of the two tests (for example without having presented it) will not get a bonus. **Second session (September)** Written exam in session, similar to the January exam. The exam may be organized in whole or in part on Moodle if conditions require or allow it. Any bonuses obtained in the first quarter by the tests on Moodle are not valid for the second session. A test is organised on Moodle during the second quarter. The bonus is calculated as follows (TEST NOTE)/20. It is added to the mark of the written exam in September.
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Lecture, and use of the Moodle platform for application exercises, provision of videos, intermediate evaluations.es.
Content	• "Awareness-raising" of the demographic issue, through a quick tour of the history of the world population. • Definitions, basic concepts, brief history of the discipline. • The components of population dynamics and the fundamental demographic equation. • Basic indicators: population growth rate, crude birth rate, crude death rate, migration rate. • Demographic changes : demographic transition, second demographic transition, demographic prospects until 2100. • Main sources of demographic data: censuses, civil status, registers, surveys. • The dimensions of time, a key variable in demographic analysis, and the Lexis diagram, a fundamental tool in demographic analysis. • Population size and structure : age pyramid and indicators. • Interactions between movement and population structure. • Mortality study: mortality table, mortality trends and spatial and social differences, causes of death. • Fertility study: fertility rates, fertility trends and spatial and social differences, proximate determinants of fertility. • Theoretical elements on demographic changes.
Inline resources	https://www.ined.fr/fr/tout-savoir-population/jeux/population-demain/ https://www.ined.fr/fr/tout-savoir-population/graphiques-cartes/population-cartes-interactives/

	https://rstudio.stat.washington.edu/shiny/wppExplorer/inst/explore/
Bibliography	• Syllabus • Diapositives powerpoint • Exercices sur Moodle • Vidéos d'explication et d'illustration Rollet, C. (2015). Introduction à la démographie, Armand Colin, Paris. Meslé F., Toulemon L., Véron J. (2011). Dictionnaire de démographie et des sciences de la population, Armand Colin, Paris.
Other infos	**Course materials available on Moodle** • Syllabus • Powerpoint slides • Interactive exercises • Some explanatory and illustrative videos
Faculty or entity in charge	ESPO

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Philosophy, Politics and Economics	PPE1BA	5		
Bachelor in Sociology and Anthropology	SOCA1BA	5		
Minor in Population and Development Studies	MINSPED	5		
Master [120] in Population and Development Studies	SPED2M	5		