




5.00 credits

35.0 h

Q1

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| Teacher(s) | Bocquier Philippe ; |
| Language : | English |
| Place of the course | Louvain-la-Neuve |
| Learning outcomes | |
| Evaluation methods | <p>The 10 tasks are scored on 2 points and must be given to the professor via Moodle at the indicated deadlines, 1 to 3 days before the course, each day of delay reducing by one point the note.</p> <p>The 4 assignments are rated on 4 pts and must be delivered via Moodle at the following deadlines, each day of delay reduces the score by one point.</p> <p>A peer review will be organised and marked out of 7 points. Students will prepare comments on a regression result and correct the comments of two other students.</p> <p>Students will also be asked to prepare questions on the course as a whole for discussion in the final session (marked out of 2 pts).</p> <p>Individual final report (rated out of 55): to be submitted to the incumbent via i-campus AND in hard copy by Friday, January 4, 2019. Evaluation Criteria:</p> <ul style="list-style-type: none"> - Presentation of the demographic situation of the country (5 pts) - Sources and methods used (10 pts) - Descriptive analysis results of biographies (10 pts) - Results of in-depth analysis of biographies (20 pts) - Conclusions (10 pts) - Presentation graphs, tables, language, bibliography (bonus 2 pts) <p>PLEASE NOTE: Continuous assessment cannot be made up in the 2nd session; the 2nd session final report mark replaces the 1st session final report mark; continuous assessment marks are retained for the 2nd session.</p> |
| Teaching methods | <p>The course follows the principle of flipped classrooms, combined with the principle of just-in-time teaching for some instances.</p> <p>Videos on theoretical issues will be watched by the students, who will then answer questions. The answers to these questions will be discussed face-to-face.</p> <p>Other videos on more practical issues will also be viewed, but usually in class, in order to carry out practical exercises (TP: practicals).</p> |
| Content | <p>This course is a continuation of the course Quantitative Methods in Social Sciences. The focus is on longitudinal analysis. The objectives are:</p> <ul style="list-style-type: none"> - To learn the relevant tools to analyse biographical surveys. - To be able to understand and use the scientific literature using these methods. - To be autonomous in the use of data analysis software. - To be able to select a data analysis strategy in relation to the relevant research questions and to present and interpret the results correctly. <p>6 major themes:</p> <ul style="list-style-type: none"> - Event History Analysis: an introduction. - The format of the biographical data - Conceptualization of time and event, truncation and censoring, questions to answer before any event history analysis - Extinction tables, Kaplan-Meier curves, cross-sectional indices - Semi-parametric model with proportional hazards (Cox) - Competitive Risk Model (Fine & Gray) |
| Inline resources | Videos (screencast), computer programs (Stata) and other materials are available on MoodleUCL. |

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| Bibliography | <p>Reed, H.E. 2012. Moving Across Boundaries: Migration in South Africa, 1950–2000. <i>Demography</i> 50(1):71-95.</p> <p>Clark, S. & C. Cotton. 2013. Transitions to adulthood in urban Kenya: A focus on adolescent migrants. <i>Demographic Research</i> 28(37):1053-1092.</p> <p>Widmer, E. & Ritschard, G. 2009. The de-standardization of the life course: Are men and women equal? <i>Advances in Life Course Research</i> 14:28-39.</p> <p>Gutierrez-Demènech M. 2008. The impact of the labour market on the timing of marriage and births in Spain. <i>Journal of Population Economics</i> 21:83-110.</p> <p>Kamrul Islam, M., Gerdtham, U.-G., Gullberg, B., Lindström, M. & Merlo, J., (2008), Social capital externalities and mortality in Sweden. <i>Economics and Human Biology</i> 6, 19-42.</p> <p>Manuel: Mario Cleves, William W. Gould, Roberto G. Gutierrez, and Yulia Marchenko (2008) <i>An Introduction to Survival Analysis Using Stata</i>, 2nd Edition, Publisher: Stata Press</p> |
| Other infos | A good knowledge of Stata software or other statistical processing software is essential. |
| Faculty or entity in charge | PSAD |

| Programmes containing this learning unit (UE) | | | | |
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| Program title | Acronym | Credits | Prerequisite | Learning outcomes |
| Master [120] in Sociology | SOC2M | 5 | |  |
| Advanced Master in Quantitative Methods in the Social Sciences | LMQS2MC | 5 | |  |
| Master [120] in Population and Development Studies | SPED2M | 5 | |  |