





This learning unit is not being organized during this academic year.

| | |
|---------------------|--|
| Language : | English |
| Place of the course | Bruxelles Woluwe |
| Prerequisites | <p>The course is limited to students having a good level of English. Introductory courses in epidemiology and biostatistics are required</p> <p><i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i></p> |
| Aims | <p>By the end of this course, the student will have learned how to develop a complete survey protocol to answer a specific research question. More specifically, he/she will understand how to:</p> <ul style="list-style-type: none"> § formulate a research question and develop testable hypotheses that can be studied using survey methods. § define a sampling frame and determine an appropriate sample method and sample size for a survey § define and operationalize constructs and variables for survey research. 1 § select and evaluate scales and develop basic questions used in health-related surveys. § develop and test a reliable and valid survey questionnaire. § select and apply the mode of data-collection that best fits for a particular survey research. § understand the advantages and disadvantages of new methods of data collection and develop a short web-based questionnaire. § prepare the survey data for analysis (e.g. creating a data dictionary, checking for errors, data entry, data cleaning, etc.). § communicate the results of the survey to different audiences. <p>-----</p> <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>The students will be evaluated based on the development of a health survey protocol (50% of the final grade) and a written exam (50% of the final grade). The student can choose to do the protocol and the exam either in English or in French.</p> <p>The topic of the survey protocol will be chosen by the student. This topic must be approved by the tutors before the start of the exercise. For this, each student must provide a brief description of (1) the aim of the survey; (2) the target population; (3) the content of the survey. More details on this exercise will be added to iCampus website later on.</p> <p>The survey must address the aspects discussed during this course (conceptual definitions, sampling issues, development of instruments and questionnaire, outline of fieldwork procedures, '). The protocols are assessed in terms of completeness, originality and feasibility (i.e. in budgetary terms and fieldwork organisation terms).</p> <p>For this protocol, the students can (but are not obliged to) work in groups.</p> |
| Content | <p>This course is organized in 7 sessions. Every session starts with a theoretical and practical introduction of the relevant topics, followed by an interactive discussion and applied exercises with students. An active involvement of all students is thus necessary. The sessions are as follows:</p> <ol style="list-style-type: none"> 1. Survey protocol 2. Instruments and validation 3. Development of questionnaires 4. Survey sampling 5. Data collection 6. Web based surveys 7. Data management/Communication of survey results |
| Bibliography | <p>Hand outs of the lectures provided by the tutors, as well as papers and references mentioned in the hand outs. Also, the book of L. Aday and L. Cornelius is an important (optional) reference textbook:</p> <p>Aday LA, Cornelius LJ. Designing and conducting health surveys: a comprehensive guide. San Francisco: Jossey-Bass, 2006</p> |

| | |
|-----------------------------|---|
| Other infos | The professors (Lydia Gisle , Stefaan Demarest, Rana Charafeddine, Jean Tafforeau and Johan Van der Heyden) are senior researchers and high-level professionals working at the Scientific Institute of Public Health. Their team is responsible since 1997 for carrying out the Belgian Health Interview Survey. They thus have both practical skills and extensive expertise in this field. They have published several papers related to the topic. |
| Faculty or entity in charge | FSP |

| Programmes containing this learning unit (UE) | | | | |
|--|---------|---------|---------------------------------------|---|
| Program title | Acronym | Credits | Prerequisite | Aims |
| Master [120] in Public Health | ESP2M | 5 | WFSP2100 AND WFSP2104 AND WFSP2105 |  |
| Master [120] in Statistic: Biostatistics | BSTA2M | 5 | |  |