Idemo2630

2020

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).

4 credits	20.0 h	Q1

Teacher(s)	Schoumaker Bruno ;
Language :	French
Place of the course	Louvain-la-Neuve
Aims	*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.** **January session** An interim evaluation is organized towards the end of October, on Moodle and Stata. It is rated on 5 points. The final evaluation, in January, consists of two parts: - An assignment consisting in data analyis with the Stata software (10 points). The data and topic are made available one week before the date of delivery of the work. - An exam in the computer room, on Stata and Moodle (5 points), consisting of questions about Stata manipulations and general knowledge of the software. In the event of a change in health conditions, this exam could be organized remotely. **September session** Same type of exam as in January.
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** In 2020-21: the course is given in the form of inverted classes. Introductory videos, course notes and exercises are available on Moodle. The face-to-face sessions will be limited to questions and answers about any difficulties encountered. Students are expected to view the videos and perform the manipulations presented in the videos, answer a quizz, and complete exercises prior to the sessions. A detailed curriculum is available on Moodle.
Content	The course is structured around 11 themes: • Installing Stata and getting started with the software: windows, do-file, browser • Data types in Stata and data import in various formats • Variable format and labels • Variable creation and recoding • Using basic commands • Data manipulation • Creating graphs • Merging and appending data files • Descriptive analysis: measures of central tendency and dispersion • Basic statistical inference: Chi-square and t-tests.
Inline resources	https://perso.uclouvain.be/bruno.schoumaker/ stata http://data.princeton.edu/stata/ Videos on Moodle, exercises on Moodle.
Bibliography	• Acock, Alan C. (2018), A Gentle Introduction to Stata (6th Edition), Stata Press, College Station.
Faculty or entity in charge	PSAD

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Advanced Master in Quantitative Methods in the Social Sciences	LMQS2MC	3		🔍
Master [120] in Population and Development Studies	SPED2M	4		🔍