


3.00 credits

15.0 h

Q1

Teacher(s)	Schoumaker Bruno ;
Language :	French
Place of the course	Louvain-la-Neuve
Learning outcomes	
Evaluation methods	<p>January session</p> <p>An interim evaluation is organized towards the end of October, on Moodle and Stata. It is rated on 5 points.</p> <p>The final evaluation, in January, consists of two parts:</p> <ul style="list-style-type: none"> - An assignment consisting in data analysis 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. <p>September session</p> <p>Same type of exam as in January.</p>
Teaching methods	<p>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.</p>
Content	<p>The course is structured around 11 themes:</p> <ul style="list-style-type: none"> • 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	<p>https://perso.uclouvain.be/bruno.schoumaker/stata</p> <p>http://data.princeton.edu/stata/</p> <p>Videos on Moodle, exercises on Moodle.</p>
Bibliography	<ul style="list-style-type: none"> • 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	Learning outcomes
Master [120] in Population and Development Studies	SPED2M	3		
Advanced Master in Quantitative Methods in the Social Sciences	LMQS2MC	3		