


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><b>January session</b></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"> <li>- 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.</li> <li>- 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.</li> </ul> <p><b>September session</b></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"> <li>• Installing Stata and getting started with the software: windows, do-file, browser</li> <li>• Data types in Stata and data import in various formats</li> <li>• Variable format and labels</li> <li>• Variable creation and recoding</li> <li>• Using basic commands</li> <li>• Data manipulation</li> <li>• Creating graphs</li> <li>• Merging and appending data files</li> <li>• Descriptive analysis: measures of central tendency and dispersion</li> <li>• Basic statistical inference: Chi-square and t-tests.</li> </ul>
Inline resources	<p><a href="https://perso.uclouvain.be/bruno.schoumaker/stata">https://perso.uclouvain.be/bruno.schoumaker/stata</a></p> <p><a href="http://data.princeton.edu/stata/">http://data.princeton.edu/stata/</a></p> <p>Videos on Moodle, exercises on Moodle.</p>
Bibliography	<ul style="list-style-type: none"> <li>• Acock, Alan C. (2018), A Gentle Introduction to Stata (6th Edition), Stata Press, College Station.</li> </ul>
Faculty or entity in charge	PSAD

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Advanced Master in Quantitative Methods in the Social Sciences	<a href="#">LMQS2MC</a>	3		
Master [120] in Population and Development Studies	<a href="#">SPED2M</a>	3		