

4 credits	20.0 h	Q1
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Teacher(s)	Nappa Usatu Jocelyn (compensates Schoumaker Bruno) ;Schoumaker Bruno ;
Language :	French
Place of the course	Louvain-la-Neuve
Aims	<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>
Evaluation methods	<p>January session The evaluation takes the form of a written exam in a computer room, based on the use of survey data with the Stata software.</p> <p>September session Same type of exam as in January.</p>
Teaching methods	All lessons are organized in a computer room and mix presentations and practical applications on real data. The courses are organized in the first weeks of the first quadrimester. Practical exercises are planned after each session to apply the procedures on data and to check the assimilation of concepts and tools.
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	http://data.princeton.edu/stata/
Bibliography	<ul style="list-style-type: none"> • Acock, Alan C. (2018), A Gentle Introduction to Stata (6th Edition), Stata Press, College Station. • Acock, Alan C. (2018), A Gentle Introduction to Stata (6th Edition), Stata Press, College Station. <p>Acock, Alan C. (2018), A Gentle Introduction to Stata (6th Edition), Stata Press, College Station.</p>
Faculty or entity in charge	PSAD

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Population and Development Studies	SPED2M	4		