mmeth1322
2018

5 credits	30.0 h + 10.0 h	Q2

Teacher(s)	Schoumaker Bruno ;
Language :	French
Place of the course	Mons
Prerequisites	*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.*
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	**June session** The evaluation is based on an individual work based on the anlysis of survey data (50% of the final grade) and an oral examination (50% of the final grade). The oral examination focuses on the personal work and on the material seen during the course (with possible manipulations of data). **September session** In the case of a second session, the student may represent both parts of the evaluation, or keep the mark of the individual work for the September sessions. The modalities are identical to those for the June session.
Teaching methods	Lectures and practical work. The course focuses on the acquisition of data analysis skills. It has a strong practical component, through the manipulation of statistical software and the use of survey data.
Content	• Research logic and hypothesis testing • Data collection and sample surveys • Univariate methods • Bivariate analyses (cross-tabulations, differences of means, linear correlations) • Methods of index construction • Simple and multiple linear regression and causal analysis • Introduction to prinicpal component analysis and cluster analysis. • Analysis of survey data with the SPSS software
Inline resources	http://www.europeansocialsurvey.org/
Bibliography	• Masuy-Stroobant G. et Costa R. (eds), 2013, Analyser les données en sciences sociales. De la préparation des données à l'analyse multivariée, Peter Lang, Bruxelles, 301 p. • Diapositives disponibles sur student-corner • Micro-données de l'enquête sociale européenne Masuy-Stroobant G. et Costa R. (eds), 2013, Analyser les données en sciences sociales. De la préparation des données à l'analyse multivariée, Peter Lang, Bruxelles, 301 p.
Other infos	The data used in the course are from the European Social Survey (http://www.europeansocialsurvey.org/). The analyses are carried out with the SPSS software, available on the computers of the computer rooms
Faculty or entity in charge	PSAD

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Human and Social Sciences	HUSM1BA	5	MMETH1219	🔍