

Course title: Introduction to SAS and Stata							
Language	Reference	Department	Level	Semester	Hours per week	Duration (weeks)	ECTS credits
English	-	EDD	M1/EDD	2	3h	6	

Professor(s) : DUFOUR-KIPPELEN Sandrine et MENENDEZ Marta

Status : Optional

Objectives :

This course is addressed to beginners of SAS and/or Stata software packages, two of the most popular and powerful statistical packages used for social research data analysis. Our objective is to give you a solid foundation that you can build on to become a proficient SAS/Stata user.

Course description :

The course will take place in the University's Computer Laboratories, where access to both SAS and Stata software is available. There will be three weekly sessions per software.

Week	Detailed course description
1	Introduction to SAS Interface and SAS Data Management
2	Descriptive Statistics, Graphics and Econometric Analysis
3	Programming basics in SAS
4	Introduction to Stata Interface and Data Management
5	Descriptive Statistics, Graphics and Econometric Analysis
6	Programming basics in Stata

Prerequisites:

Basic statistics and econometrics background.

Texts used:

SAS documentation (available with every licence of SAS).

Duguet E. (2004) *Introduction à SAS*, Economica

Der G., Everitt B. (2008) *A handbook of statistical analyses using SAS*, 3ème édition, Chapman & Hall/CRC

Stata's documentation (in PDF form, available with every licence of Stata).

Acock, A. C. (2014) *A Gentle Introduction to Stata, Fourth Edition* TX : Stata Press.

Cahuzac E., Bontemps C. (2008), *Stata par la pratique : statistiques, graphiques et éléments de programmation*. College Station, TX : Stata Press.

StataCorp (2013), *Getting Started with Stata for Windows: release 13*. College Station, TX : Stata Press.