LUISS

School of European Political Economy

MASTER IN EUROPEAN ECONOMIC GOVERNANCE

A.Y. 20/21

Course Syllabus

Course	Math Lab with Stata
Lecturer(s)	Paolo Santucci de Magistris
Course Description	Introduction to the use of the software STATA
Primary References and Additional Materials	Teaching material will be provided by the teacher
Course Objectives	Carry out statistical/econometric analysis in STATA
Prerequisite(s)	Basic statistics and mathematics
Teaching Method(s)	Theory (minimal) + Computer lab
Assessment Method(s) and Grading Policy	Take home assignment

EXTENDED COURSE PLAN & REFERENCES **Lecture Duration:3 hours*		
Lecture 1	*Topic*	Basic syntax
	References	Slides
Lecture 2	*Topic*	Linear regression
	References	Slides
Lecture 3	*Topic*	Robust estimators and time series models
	References	Slides
Lecture 4	*Topic*	Non-linear models (duration, logit, probit) and maximum likelihood estimation
	References	Slides
Lecture 5	*Topic*	Microeconometric models (panel data + diff-in-diff)
	References	Slides