COURSE DETAIL

INTRODUCTION TO ECONOMETRICS WITH R

Country
France

Host Institution
Institut d'Etudes Politiques (Sciences Po)

Program(s)
Sciences Po Paris

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Economics

UCEAP Course Number
140

UCEAP Course Suffix

UCEAP Official Title
INTRODUCTION TO ECONOMETRICS WITH R

UCEAP Transcript Title
ECONOMETRICS WITH R

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course teaches the fundamentals of econometrics, in particular regression analysis and statistical inference. It purposefully starts at a level that assumes no prior knowledge of statistics, econometrics, or programming. The course does not rely on advanced math, rather it uses practical learning to understand and interpret simple and multiple linear regressions and detect whether an analysis uncovers correlations or causality. The course teaches the use of R, a very powerful and widely used programming language, to perform data cleaning and undertake statistical analyses. Students carry out a small-scale research project using real-world data and regression analysis to reveal associations between various variables.

Language(s) of Instruction
English

Host Institution Course Number
BMET 25A08

Host Institution Course Title
INTRODUCTION TO ECONOMETRICS WITH R

Host Institution Campus

Host Institution Faculty

Host Institution Degree
Workshop

Host Institution Department
Methodology

Print