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 Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree
Workshop

Host Institution Department
Methodology

Course Last Reviewed
2021-2022

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