

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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