# COURSE DETAIL

## ECONOMETRICS: THEORY AND APPLICATIONS

**Country**
United Kingdom - England

**Host Institution**
London School of Economics

**Program(s)**
London School of Economics

**UCEAP Course Level**
Upper Division

**UCEAP Subject Area(s)**
Economics Business Administration

**UCEAP Course Number**
119

**UCEAP Course Suffix**
Y

**UCEAP Official Title**
ECONOMETRICS: THEORY AND APPLICATIONS

**UCEAP Transcript Title**
ECONOMETRICS

**UCEAP Quarter Units**
12.00

**UCEAP Semester Units**

8.00

**Course Description**

The course teaches quantitative techniques that guide evidence-based managerial decision-making. Students examine whether the predictions of managerial, social, or economic theory are supported by empirical evidence. Particular emphasis is on (a) the many ways in which evidence is abused in the academic or managerial debate, and (b) the causality in the relationship between variables. The approach is both formal, as the course makes extensive use of econometric theorems and techniques, and solidly grounded in intuition, as it provides numerous examples of tests of real-life relations. Many of these examples are illustrated using the STATA software package, and students learn the basics of data manipulation and regression techniques.

**Language(s) of Instruction**
English

**Host Institution Course Number**
MG205

**Host Institution Course Title**
ECONOMETRICS: THEORY AND APPLICATIONS

**Host Institution Course Details**
http://www.lse.ac.uk/resources/calendar/courseGuides/MG/2017_MG205.htm

**Host Institution Campus**

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Management

**Course Last Reviewed**

2024-2025

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