

# COURSE DETAIL

## ECONOMETRICS

**Country**

Italy

**Host Institution**

University of Bologna

**Program(s)**

University of Bologna

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Statistics Economics

**UCEAP Course Number**

166

**UCEAP Course Suffix****UCEAP Official Title**

ECONOMETRICS

**UCEAP Transcript Title**

ECONOMETRICS

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course is part of the LM degree program and is intended for advanced level student. Enrollment is by consent of instructor. This course provides an overview of the basic tools used by health economists for their empirical investigations, the linear regression model for the analysis of cross-sectional data, and under what conditions the estimated relationship has a causal interpretation. Drawing on critical discussion about some micro-economic applications, the student receives specific data to practice at the computer and learn the basic skills to perform empirical work using the software STATA. At the end of the course, the student is able to understand scientific articles using the linear regression model and is also able to perform their own analysis with this tool. The course discusses topics including an introduction to econometric methods, data, and STATA; simple and multiple regression models (advanced); and a variety of data issues.

### Language(s) of Instruction

English

### Host Institution Course Number

32626

### Host Institution Course Title

ECONOMETRICS

### Host Institution Campus

BOLOGNA

### Host Institution Faculty

### Host Institution Degree

LM in HEALTH ECONOMICS AND MANAGEMENT; LM in ECONOMICS AND ECONOMIC POLICY

### Host Institution Department

ECONOMICS

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