COURSE DETAIL

INTRODUCTION TO ECONOMETRICS WITH R

Country
Denmark

Host Institution
Copenhagen Business School

Program(s)
Copenhagen Business School Summer

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Statistics Economics

UCEAP Course Number
111

UCEAP Course Suffix

UCEAP Official Title
INTRODUCTION TO ECONOMETRICS WITH R

UCEAP Transcript Title
ECONOMETRICS WITH R

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course introduces fundamental concepts of econometrics and data analysis that form the basis for data driven decision making, empirical analysis of causal relationships, and forecasting. It covers matrices and their use in linear regression analysis, probability distributions and their role in carrying out valid data approximations, and estimation methods and their importance in producing credible results of any data analysis. The course also introduces programming with R, which is the main programming language of statistical computing. It starts out with basic R operations and then, with time, students learn about ways to write their own functions in R.

Language(s) of Instruction
English

Host Institution Course Number
BHAAI1108U

Host Institution Course Title
INTRODUCTION TO ECONOMETRICS WITH R

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department