# COURSE DETAIL

| INTRODUCTION TO ECONOMETRICS WITH R |
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| **Country**<br>Denmark |
| **Host Institution**<br>Copenhagen Business School |
| **Program(s)**<br>Copenhagen Business School Summer |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Statistics Economics |
| **UCEAP Course Number**<br>111 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>INTRODUCTION TO ECONOMETRICS WITH R |
| **UCEAP Transcript Title**<br>ECONOMETRICS WITH R |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>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 Course Details**
https://kursuskatalog.cbs.dk/2024-2025/BA-BHAAI1108U.aspx

**Host Institution Campus**

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**

**Course Last Reviewed**
2025-2026

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