

# COURSE DETAIL

## MODERN STATISTICAL COMPUTING

**Country**

Spain

**Host Institution**

Pompeu Fabra University

**Program(s)**

UPF Barcelona International Summer School

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Statistics

**UCEAP Course Number**

112

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

MODERN STATISTICAL COMPUTING

**UCEAP Transcript Title**

STATISTICAL COMPTNG

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

**Course Description**

This course offers a study of R, one of the leading statistical languages for computing and graphics. Topics include: introduction to computing and graphics; data input and output-- interface with other software packages; exploratory data analysis; probability distributions; apply-type functions; statistical functions in R; data frames in R.

**Language(s) of Instruction**

English

**Host Institution Course Number**

59094,59107

**Host Institution Course Title**

MODERN STATISTICAL COMPUTING

**Host Institution Course Details**

<https://www.upf.edu/ca/web/barcelonasummerschool/courses-and-syllabi>

**Host Institution Campus**

Ciutadella Campus

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

UPF Education Abroad Program

**Course Last Reviewed**

2024-2025

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