COURSE DETAIL

STATISTICAL COMPUTING
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics Mathematics
UCEAP Course Number 160
UCEAP Course Suffix
UCEAP Official Title STATISTICAL COMPUTING
UCEAP Transcript Title STATISTCL COMPUTING
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

This course provides an introduction to programming within the statistical package R. Various computer-intensive statistical algorithms are discussed and their implementation in R is investigated. Topics to include basic commands of R (including plotting graphics); data structures and data manipulation; writing functions and scripts; optimizing functions in R; and programming statistical techniques and interpreting the results (including bootstrap algorithms).

Language(s) of Instruction
English

Host Institution Course Number
MATH10093

Host Institution Course Title
STATISTICAL COMPUTING

Host Institution Course Details
http://www.drps.ed.ac.uk/23-24/dpt/cxmath10093.htm

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed
2023-2024

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