COURSE DETAIL

PROGRAMMING LANGUAGES FOR STATISTICS
Country Hong Kong
Host Institution Chinese University of Hong Kong
Program(s) Research in Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics
UCEAP Course Number 105
UCEAP Course Suffix
UCEAP Official Title PROGRAMMING LANGUAGES FOR STATISTICS
UCEAP Transcript Title PROGRAM LANG/STATS
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
This course aims at providing basic knowledge of programming and conducting statistical analysis with software. Different computing tools, such as R, SAS, C, and C++ are introduced throughout the course for computation and demonstration purposes. The course covers programming with emphasis on data storage, data retrieval, data manipulation, data transformation, descriptive analysis, sorting, files merging, file updating, random sampling and data reporting.

Language(s) of Instruction
English

Host Institution Course Number
STAT2005

Host Institution Course Title
PROGRAMMING LANGUAGES FOR STATISTICS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Statistics

Course Last Reviewed

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