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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Statistics

[Print](#)