

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

[Print](#)