

## COURSE DETAIL

### PROGRAMMING WITH PYTHON

**Country**

China

**Host Institution**

Fudan University

**Program(s)**

Fudan University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

142

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

PROGRAMMING WITH PYTHON

**UCEAP Transcript Title**

PYTHON PROGRAMMING

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

## Course Description

This course covers the general ideas and methods of solving problems with computers, to master the basic processes and methods of programming, and to use Python as a tool for analysis and processing large data. This course teaches the current popular Python language. Python is very suitable as the first programming language for non-computer science majors. Learning content includes: Python sequences: lists, tuples, dictionaries, collections, control structures: selection, looping, string common operation methods, string functions, regular expressions, function definition and usage, module definition and usage, file operations, exception handling, etc., and basic understanding of graphical interface and drawing.

### Language(s) of Instruction

Chinese

### Host Institution Course Number

COMP110042

### Host Institution Course Title

PROGRAMMING WITH PYTHON

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Computer Science

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