COURSE DETAIL

PYTHON PROGRAMMING FOR ECONOMICS, MANAGEMENT, AND FINANCE
Country Italy
Host Institution University of Commerce Luigi Bocconi
Program(s) Bocconi University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics Computer Science
UCEAP Course Number 115
UCEAP Course Suffix
UCEAP Official Title PYTHON PROGRAMMING FOR ECONOMICS, MANAGEMENT, AND FINANCE
UCEAP Transcript Title PYTHON PRGMING:ECON
UCEAP Quarter Units 6.00
UCEAP Semester Units

4.00

Course Description
This course offers students an introduction to object-oriented and procedural programming, using Python. Most models and examples are taken from Economics, Management, and Finance. The course discusses topics including primitive types and class types; recursion and functions such as procedures and fruitful functions; basic statements such as assignment, if-statements, loops, blocks, and function calls; objects and classes including subclasses, inheritance, and overriding; sequences and dictionaries; testing and debugging; program development, stepwise refinement (top-down design), and object-oriented design; databases; examples of full featured applications; and programming style considerations. The course consists of lectures, exercises, case studies, and individual and group assignments. The course requires students to have completed an introductory course on programming as a prerequisite.

Language(s) of Instruction
English

Host Institution Course Number
30517

Host Institution Course Title
PYTHON PROGRAMMING FOR ECONOMICS, MANAGEMENT AND FINANCE

Host Institution Course Details

Host Institution Campus
University of Commerce Luigi Bocconi

Host Institution Faculty

Host Institution Degree

Host Institution Department
Decision Sciences

Course Last Reviewed

Print