COURSE DETAIL

ADVANCED 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)
Computer Science

UCEAP Course Number
133

UCEAP Course Suffix

UCEAP Official Title
ADVANCED PYTHON PROGRAMMING FOR ECONOMICS, MANAGEMENT, AND FINANCE

UCEAP Transcript Title
ADV PYTHON PROGRMNG

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course provides an advanced understanding of the python programming language and its main features through various applications in many fields. Students use procedural and object-oriented programming language concepts in real programs; combine programming techniques to solve problems of varying degrees of difficulty in applied fields; find and understand programming language documentation to learn new information needed to solve programming problems; and implement problem solving strategies. Course topics include input/output in Python, classes, databases management with Python, computer simulations, and agent-based modeling. Prerequisites: an introductory course on python programming or similar language (e.g. Java, C, etc.).

Language(s) of Instruction
English

Host Institution Course Number
30590

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

Host Institution Campus
Bocconi University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computing Sciences

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