

## COURSE DETAIL

### PYTHON PROGRAMMING

**Country**

Spain

**Host Institution**

Carlos III University of Madrid

**Program(s)**

Carlos III University of Madrid

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

20

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

PYTHON PROGRAMMING

**UCEAP Transcript Title**

PYTHON PROGRAMMING

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course offers an introduction to Python programming following the structured and object-oriented paradigms. Topics include: flow diagrams; data, operators, input, and output; flow control--conditionals and loops; simple data structures; functions; object oriented programming; algorithms, recursion, and computational complexity.

### Language(s) of Instruction

English

### Host Institution Course Number

15366

### Host Institution Course Title

PYTHON PROGRAMMING

### Host Institution Campus

LEGANÉS

### Host Institution Faculty

Escuela Politécnica Superior

### Host Institution Degree

Doble Grado Ciencia e Ingeniería de Datos - Ingeniería en Tecnologías de Telecomunicación

### Host Institution Department

Departamento de Informática

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