

COURSE DETAIL

INTRODUCTION TO CODING FOR BIOSCIENCE RESEARCH (PYTHON)

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

143

UCEAP Course Suffix

N

UCEAP Official Title

INTRODUCTION TO CODING FOR BIOSCIENCE RESEARCH (PYTHON)

UCEAP Transcript Title

INTRO CODING BIOSCI

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

Modern bioscience research increasingly makes use of computational methods to collect, explore, analyze, display, and share data and results. In this course, students learn the foundational skills of coding so that they can write computer programs and analyze data using the Python programming language. Students are taught using examples drawn from bioscience research, and learn how computer techniques are used across a range of cutting edge research methods.

Language(s) of Instruction

English

Host Institution Course Number

BIOS0030

Host Institution Course Title

INTRODUCTION TO CODING FOR BIOSCIENCE RESEARCH (PYTHON)

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biosciences

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