

# COURSE DETAIL

## PROGRAMMING FOR BIG DATA

**Country**

Ireland

**Host Institution**

University College Dublin

**Program(s)**

University College Dublin

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

109

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

PROGRAMMING FOR BIG DATA

**UCEAP Transcript Title**

PROGRAMMING/BIG DATA

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## **Course Description**

This course walks the students through the complex set of concepts and projects that form the Big Data stack. Students learn how to set up Big Data environments, how to use efficient data management operations and how to run algorithms - to the scale and speed required by Big Data datasets. At the end of the course, students design and implement their own solutions to address Big Data problems.

### **Language(s) of Instruction**

English

### **Host Institution Course Number**

COMP30770

### **Host Institution Course Title**

PROGRAMMING FOR BIG DATA

### **Host Institution Course Details**

[https://hub.ucd.ie/usis/!W\\_HU\\_MENU.P\\_PUBLISH?p\\_tag=MODULE&MODULE=COMP30770](https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=COMP30770)

### **Host Institution Campus**

University College Dublin

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Science

### **Course Last Reviewed**

2023-2024

[Print](#)