

# COURSE DETAIL

## BIG DATA AND ARTIFICIAL INTELLIGENCE

**Country**

Spain

**Host Institution**

Pompeu Fabra University

**Program(s)**

21st Century Barcelona

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

119

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

BIG DATA AND ARTIFICIAL INTELLIGENCE

**UCEAP Transcript Title**

BIG DATA & AI

**UCEAP Quarter Units**

1.50

**UCEAP Semester Units**

1.00

**Course Description**

This course offers an introduction to the concept of Big Data and how to manage large volumes of data using machine learning. It applies Big Data to various areas including education, health, finance, and social media. This course also discusses the challenges of Big Data including data bias, transparency and accountability of the algorithms, the loss of privacy and the new ethical dilemmas these algorithms generate.

**Language(s) of Instruction**

English

**Host Institution Course Number**

59029

**Host Institution Course Title**

BIG DATA AND ARTIFICIAL INTELLIGENCE

**Host Institution Course Details****Host Institution Campus**

Ciutadella Campus

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

UPF Education Abroad Program

**Course Last Reviewed**

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