# COURSE DETAIL

| MACHINE LEARNING |
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| **Country**<br>Italy |
| **Host Institution**<br>University of Bologna |
| **Program(s)**<br>University of Bologna |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Computer Science |
| **UCEAP Course Number**<br>171 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>MACHINE LEARNING |
| **UCEAP Transcript Title**<br>MACHINE LEARNING |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>4.00 |

**Course Description**

This course is part of the LM degree program and is intended for advanced level students. Enrollment s by consent of the instructor. This course discusses theoretical foundations, computational properties, and use cases for some of the most popular supervised and unsupervised machine learning techniques. In particular, the course addresses tasks such as classification, clustering, and discovery of rules by using modern machine learning methods and libraries.

**Language(s) of Instruction**
English

**Host Institution Course Number**
81610

**Host Institution Course Title**
MACHINE LEARNING (LM)

**Host Institution Course Details**
https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/446593

**Host Institution Campus**
BOLOGNA

**Host Institution Faculty**

**Host Institution Degree**
LM in ARTIFICIAL INTELLIGENCE; LM in COMPUTER ENGINEERING

**Host Institution Department**
Computer Science and Engineering

**Course Last Reviewed**
2022-2023

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