



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Bioinformatics and Biostatistics for Big Data – Winter School II

2526-1002-07

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#### Titolo

Bioinformatics and Biostatistics for Big Data – Winter School II

#### Docente(i)

Introduction to machine learning – 2h Daniela Besozzi

Unsupervised learning – 4h Daniela Besozzi

Supervised learning – 4h Daniele Papetti + 2h Daniela Besozzi

Interpretable and explainable artificial intelligence – 4h Marco S. Nobile

Bayesian and causal networks - 4h Fabio Stella

#### Lingua

English

#### Breve descrizione

To understand the different applications of bioinformatics on big data in medical research.

## **CFU / Ore**

3 / 24

## **Periodo di erogazione**

November 13th 9.00-18.00 - IN PRESENCE

November 14th 9.00-18.00 - IN PRESENCE

November 15th 9.00-13.00 - IN PRESENCE

**COURSE EVALUATION (GROUP ASSIGNMENT):** November 29th 9.00-13.00

## **Sustainable Development Goals**

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