

## Examples of courses offered from other training courses

- [Computational Methods for Bioinformatics](#), UniBO Second cycle degree programme (LM) in Bioinformatics. Language: English. Teachers: Prof. Ivan Lanese (head teacher), Dr. Matteo Manfredi. Hours/DCs: 88/14.7
- [Computational Drug Discovery](#), UniBO Second cycle degree programme (LM) in Pharmaceutical biotechnology. Language: English. Teacher: Prof. Matteo Masetti. Hours/DCs: 62/10.0
- [Climatology](#), UniBO Second cycle degree programme (LM) in Physics of the Earth System. Language: English. Teacher: Prof. Silvana Di Sabatino. Hours/DCs: 52/8.7
- [Informatica](#), UniBO First cycle degree programme (L) in Mathematics. Language: Italian. Teacher: Prof. Simone Martini. Hours/DCs: 66/11.0
- [Medical Genomics](#), UniBO First cycle degree programme (L) in Genomics. Teacher: Prof. Tommaso Pippucci. Hours/DCs: 48/8.0
- [Applied Machine Learning](#) (Basic + Advanced), UniBO Second cycle degree programme (LM) in Bioinformatics. Language: English. Teachers: Prof. Daniele Bonacorsi (head teacher) and Dr. Luca Clissa. Hours/DCs: 80/13.3
- [Introduction to Big Data Processing Infrastructures](#), UniBO Second cycle degree programme (LM) in Bioinformatics. Language: English. Teacher: Dr. Daniele Cesini. Hours/DCs: 32/5.3
- [Infrastructures for Big Data Processing](#), UniBO Second cycle degree programme (LM) in Bioinformatics. Language: English. Teacher: Dr. Alessandro Costantini. Hours/DCs: 32/5.3
- [Statistics and Architectures for Big Data Processing M](#), UniBO Second cycle degree programme (LM) in Electronic Engineering. Language: English. Teachers: Prof. Mauro Mangia (head teacher) and Dr. Leandro De Souza Rosa. Hours/DCs: 60/10.0
- [Data Mining](#), UniBO Second cycle degree programme (LM) in Computer Science and Engineering. Campus: Cesena. Language: English. Teacher: Prof. Matteo Golfarelli (head teacher) and Prof. Gianluca Moro. Hours/DCs: 72/17.7
- [Physics of Complex Systems](#), UniBO Second cycle degree programme (LM) in Physics. Language: English. Teacher: Prof. Armando Bazzani. Hours/DCs: 48/8.0
- [Statistical Analysis for Applied Physics](#), UniBO Second cycle degree programme (LM) in Physics. Language: English. Teachers: Dr. Luca Clissa (head teacher) and Dr. Claudia Sala. Hours/DCs: 42/7.0
- [Complex Networks](#), UniBO Second cycle degree programme (LM) in Physics. Language: English. Teachers: Prof. Daniel Remondini (head teacher) and Dr. Francesco Durazzi. Hours/DCs: 62/10.0

- [Pattern Recognition](#), UniBO Second cycle degree programme (LM) in Physics. Language: English. Teachers: Prof. Gastone Castellani (head teacher), Prof. Daniel Remondini, and Dr. Nico Curti. Hours/DCs: 48/8.0
- [Ethics in Artificial Intelligence](#), UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teachers: Prof. Giovanni Sartor (head teacher) and Prof. Francesca Lagioia. Hours/DCs: 48/8.0
- [Natural Language Processing](#), UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teacher: Prof. Paolo Torroni. Hours/DCs: 48/8.0
- [Supervised Statistical Learning](#), UniBO Second cycle degree programme (LM) in Statistical Sciences. Language: English. Teacher: Prof. Laura Anderlucchi. Hours/DCs: 30/5.0
- [Big Data](#), UniBO Second cycle degree programme (LM) in Computer Science and Engineering. Campus: Cesena. Language: English. Teacher: Prof. Enrico Gallinucci. Hours/DCs: 50/8.3
- [Web semantico](#), UniBO Second cycle degree programme (LM) in Computer Science and Engineering. Campus: Cesena. Language: Italian. Teachers: Prof. Antonella Carbonaro (head teacher) and Prof. Gianluca Moro. Hours/DCs: 58/9.7
- [Visione Artificiale e Riconoscimento](#), UniBO Second cycle degree programme (LM) in Computer Science and Engineering. Campus: Cesena. Language: Italian. Teachers: Prof. Annalisa Franco (head teacher) and Prof. Matteo Ferrara. Hours/DCs: 48/8.0
- [Deep Learning](#), UniBO Second cycle degree programme (LM) in Automation Engineering. Language: English. Teacher: Prof. Andrea Asperti. Hours/DCs: 40/6.7
- [Knowledge Engineering](#), UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teachers: Prof. Valentina Presutti (head teacher) and Dr. Andrea Giovanni Nuzzolese. Hours/DCs: 48/8.0
- Languages and Algorithms for Artificial Intelligence I.C. composed of: [Introduction to Languages for Artificial Intelligence](#) (UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teachers: Prof. Maurizio Gabbrielli (head teacher) and Dr. Michael Lodi. Hours/DCs: 58/9.7) and [Introduction to Computability and Complexity](#) (UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teacher: Prof. Ugo Del Lago. Hours/DCs: 34/5.7)
- [Architecture and Platforms for Artificial Intelligence](#), UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teachers: Prof. Moreno Marzolla (head teacher) and Prof. Davide Rossi. Hours/DCs: 48/8.0
- [Architectures for Artificiale Intelligence M](#), UniBO Second cycle degree programme (LM) in Electronic Engineering. Language: English. Teachers: Prof. Davide Rossi (head teacher) and Dr. Francesco Conti. Hours/DCs: 60/10.0

- [Big Data Analytics for Automotive Manufacturing Applications](#), UniBO Second cycle degree programme (LM) in Advanced Automotive Engineering. Language: English. Teachers: Prof. Mauro Mangia (head teacher) and Dr. Leandro De Souza Rosa. Hours/DCs: 60/10.0
- [Artificial Intelligence in Industry](#), UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teacher: Prof. Michele Lombardi. Hours/DCs: 48.0/8.0
- [Cognition and Neuroscience](#), UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teachers: Dr. Francesca Starita (head teacher) and Prof. Giuseppe Di Pellegrino. Hours/DCs: 48/8.0
- [Image Processing and Computer Vision M](#), UniBO Second cycle degree programme (LM) in Computer Engineering. Language: English. Teacher: Prof. Luigi Di Stefano. Hours/DCs: 64/10.7
- [Statistical and Mathematical Methods for Artificial Intelligence](#), UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teachers: Prof. Elena Loli Piccolomini (head teacher) and Dr. Davide Evangelista. Hours/DCs: 48/8.0
- [Machine Learning for Computer Vision](#), UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teacher: Prof. Samuele Salti. Hours/DCs: 48/8.0
- [Big Data Analytics and Text Mining](#), UniBO Second cycle degree programme (LM) in Artificial Intelligence. Language: English. Teachers: Prof. Gianluca Moro (head teacher), and Prof. Stefano Lodi. Hours/DCs: 48/8.0
- [Business Intelligence](#), UniBO Second cycle degree programme (LM) in Computer Science and Engineering. Campus: Cesena. Language: English. Teachers: Prof. Stefano Rizzi (head teacher) and Dr. Enrico Gallinacci. Hours/DCs: 50/8.3
- [Software Process Engineering](#), UniBO Second cycle degree programme (LM) in Computer Science and Engineering. Campus: Cesena. Language: English. Teachers: Dr. Danilo Pianini (head teacher) and Dr. Giovanni Ciatto. Hours/DCs: 60/10.0
- [Usability and User Experience Design](#), UniBO Second cycle degree programme (LM) in Computer Science. Language: English. Teacher: Prof. Fabio Vitali. Hours/DCs: 40/6.7
- [Fundamental Concepts of Statistics](#), UniBO Second cycle degree programme (LM) in Statistical Sciences. Language: English. Teacher: Prof. Maria Pia Victoria Feser. Hours/DCs: 60/10.0
- [Quantum Computing](#), UniBO Second cycle degree programme (LM) in Physics. Language: English. Teachers: Prof. Tommaso Calarco (head teacher), Prof. Elisa Ercolessi, and Prof. Daniele Bonacorsi. Hours/DCs: 56/9.3

- [Calcolatori Elettronici M](#), UniBO Laurea Magistrale in Ingegneria informatica. Language: Italian. Teacher: Prof. Andrea Bartolini. Hours/DCs: 60/10.0
- [Software and Computing for Applied Physics](#), UniBO Second cycle degree programme (LM) in Physics. Language: English. Teachers: Prof. Enrico Giampieri (head teacher), Dr. Nico Curti, and Dr. Alessandra Merlotti. Hours/DCs: 36/6.0
- [Software and Computing for Nuclear and Subnuclear Physics](#), UniBO Second cycle degree programme (LM) in Physics. Language: English. Teachers: Daniele Bonacorsi (head teacher), Prof. Alessandra Fanfani, and Dr. Tommaso Diotallevi. Hours/DCs: 48/8.0
- [Algorithms and Data Structures for Computational Biology](#), UniBO Second cycle degree programme (LM) in Bioinformatics. Language: English. Teacher: Prof. Pietro di Lena. Hours/DCs: 84/14.0