

# INSPIRING GLOBAL CHANGE SINCE 1222

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SCHOOL OF SCIENCE

# DATA SCIENCE

The Master's degree trains data scientists whose solid technical background is complemented by a multidisciplinary education in various fields where big data emerges. Highly required by industries, consulting companies and public institutions, data scientists design and implement the analysis of big data and provide managers and stakeholders with a clear account of their results.



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

# DATA SCIENCE

**LEVEL** Master

**SCHOOL** Science

**DEPARTMENT** Mathematics

**DURATION** 2 years (120 ECTS)

**START DATE** October

**LOCATION** Padua, Italy

**PROGRAMME COORDINATOR**

Lamberto Ballan

**WEB**

[www.unipd.it/en/data-science](http://www.unipd.it/en/data-science)

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**TOP 200** 2024

Computer Science  
and Information Systems



WORLD  
UNIVERSITY  
RANKINGS

BY SUBJECT

## ENTRY REQUIREMENTS

- Bachelor's degree (or equivalent), with proven skills in Mathematics and Computer Science
- English language: B2 level (CEFR) or equivalent

## PROGRAMME STRUCTURE

1st Year: common path (Stochastic Methods, Statistical Learning, Machine Learning etc.)

2nd Year:

Path 1 - Mathematics of Data Science

Path 2 - Biological Data Analytics

Path 3 - Machine Learning for Intelligent Systems

Path 4 - Cognitive, Social and Economic Data Analytics

Internship and final thesis

## TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,900 (3 instalments)

Scholarships and fee-waivers for international students available: [www.unipd.it/en/funding-and-fees](http://www.unipd.it/en/funding-and-fees)

## CAREER OPPORTUNITIES

Graduates master tools for collecting, managing and analysing big data, and for translating their work into highly valuable information. Graduates work as data scientists in research centres, internet companies, consulting companies, start-ups and high-tech industries and public administrations.