

INSPIRING GLOBAL CHANGE SINCE 1222

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SCHOOL OF SCIENCE

# PHYSICS

The Master's degree deepens the understanding of basic elements of modern Physics and of Theoretical Physics, allowing students to strengthen their knowledge of specific fields like Biophysics, Nanoscience, Condensed Matter Physics, Nuclear and Particle Physics, Physics of Fundamental Interactions. The programme provides direct experience of laboratory and computer calculation techniques and data analysis.



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

# PHYSICS

**LEVEL** Master

**SCHOOL** Science

**DEPARTMENT** Physics and  
Astronomy

**DURATION** 2 years (120 ECTS)

**START DATE** October

**LOCATION** Padua, Italy

**PROGRAMME COORDINATOR**  
Cinzia Sada

**WEB**

[www.unipd.it/en/physics](http://www.unipd.it/en/physics)

**APPLY.UNIPD.IT**



62<sup>nd</sup> 2024  
Physics and Astronomy



BY SUBJECT

**ENTRY REQUIREMENTS**

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

**PROGRAMME STRUCTURE**

Path 1 - Physics of the Fundamental Interactions: Physics Laboratory, Theoretical Physics of the Fundamental Interactions, Nuclear Physics, Subnuclear Physics, standard Model and specific courses on experimental and theoretical topics of interest in the physics behind the fundamental interactions.

Path 2 - Physics of Matter: Physics Laboratory, Models of Theoretical Physics, Solid State Physics, Statistical Mechanics and specific courses in Physics of Matter.

Path 3 - Interdisciplinary Physics: Physics Laboratory and wide choice of courses of applied and interdisciplinary Physics.

**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 work as professionals in industries involving new technologies, in innovative service companies and in all activities requiring understanding and modelling of processes and ability in analysis and testing as well as experimental skills and problem solving attitude. These include startups and high tech industries, software and consulting companies, research centres, public administration and the academic career.