

Master degree in Physical Sciences (Laurea Magistrale in Scienze Fisiche)

Prof. Dario Gerace (Coordinator)

Department of Physics “A. Volta”
(website: <https://scienzeffisiche.cdl.unipv.it/it>)

Admission pre-requisites

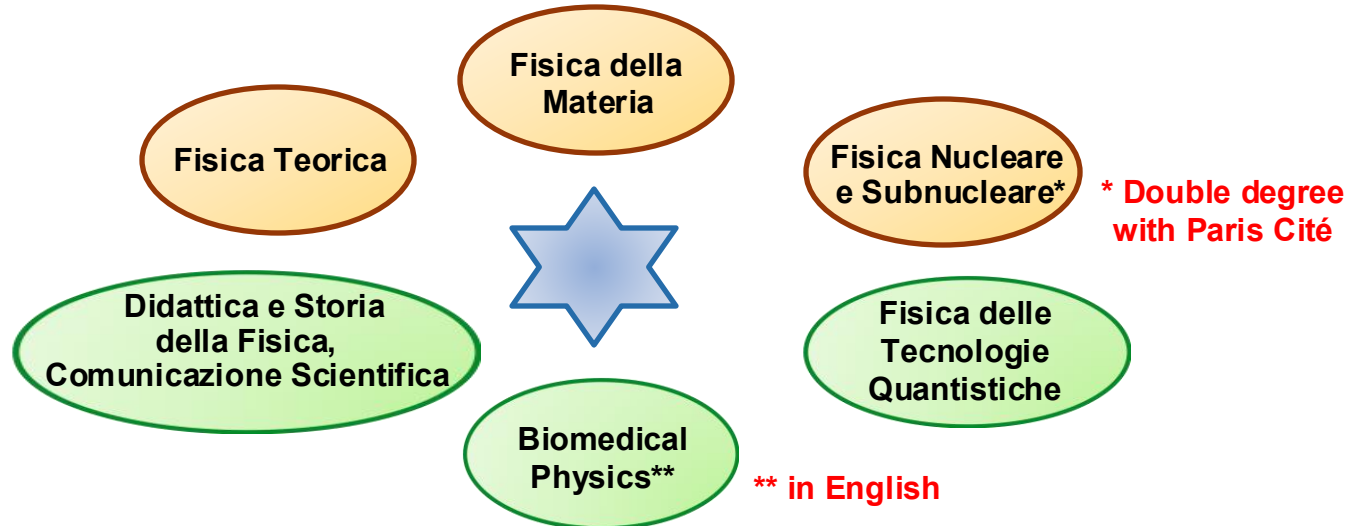
- Bachelor in STM (Physics or equivalent)
- >60 CFU in FIS* sectors, >15 in MAT* sectors (or equivalent), >3 CFU English language

Educational Goals

- Access to PhD, specialization, first and second level Master courses
- Direct access to jobs in the private or public sectors

Academic path

- 72 CFU (12 courses of 6 CFU)
 - 48 CFU Final dissertation (Tesi di Laurea)
 - ~60 courses from the LM Scienze Fisiche
 - ~40 Professors affiliated to the Department of Physics
+14 contract Professors (INFN, CNR, INAF, CNAO,...)
- 6 curricula (1 English, 5 English friendly, 1 DD):



Admission

- Students with a Bachelor degree in Physics (or equivalent)

All students MUST apply to the 'Concorso di Ammissione'
(<https://portale.unipv.it/it/didattica/corsi-di-laurea/ammissioni/iscriversi-ad-una-laurea-magistrale/lauree-magistrali-ad-accesso-libero>)

- a) **Students with final bachelor mark $>92/110$ are admitted**
 - b) **Students with lower mark, or a bachelor degree not in Physics will be interviewed (typically in September, check the website)**
- **Students with a foreign Bachelor degree (Physics)**

Please apply through: https://apply.unipv.eu/en_GB/courses/course/172-masters-program-physical-sciences--biomedical-physics-curriculum

Career (study) plan

- Online procedure with fast approval for the 6 curricula

Fisica Teorica

Fisica della Materia

Biomedical Physics (English)

Fisica Nucleare e Subnucleare (with DD in Particle & Astroparticle Physics)

Fisica delle Tecnologie Quantistiche

Didattica e Storia della Fisica, Comunicazione Scientifica

- Possibility to propose a personalized study plan
(to be approved by the Educational Board)



LM - Scienze Fisiche in Pavia

- 130 researchers (personnel affiliated to the Physics Department + personnel of external Research Institutions)
- the Physics Department has been (2018-2023) one of the 7 best Physics Departments in Italy (**Dipartimenti di Eccellenza**)
- Very good ratio between numbers of students/teachers (~4.1)
- Courses are English Friendly or fully in English
- 156 students currently enrolled (as of 05/2024)
- First year students increasing (33/'21; 54/'22; 81/'23; ...)



UNIVERSITÀ
DI PAVIA

LM in Scienze Fisiche

LM - Scienze Fisiche in Pavia

- High level of post-degree satisfaction (>80%)
- LM+ stage in private companies (5 semesters instead of 4, 2 of which spent in the company, with a monthly allowance)
- High employment rate (>90% after 3 years from degree)





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University of Pavia (since 1361)

LM in Scienze Fisiche

