



scuolagalileiana
di studi superiori



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

A.Y. 2025/2026

Internal Courses – Class of Natural Sciences

Courses of the 1st year

COMPLEMENTS OF ANALYSIS (6 CFU)

Prof. Roberto Monti

COMPLEMENTS OF MECHANICS (6 CFU)

Prof. Francesco D'Eramo

COMPLEMENTS OF LIFE SCIENCES (6 CFU)

Proff. Leonardo Congiu, Graziano Martello

Courses of the 2nd year

MEASURE THEORY

Prof. Elio Marconi

PHYSICS LABORATORY

Prof. Giampaolo Mistura

Courses of the 2nd/3rd year

Upon request, the courses of the 4th and 5th year can be accessed during the 3rd year too.

ADVANCED ELECTROMAGNETISM

Prof. Marco Zanetti

INTRODUCTION TO PROBABILITY

Prof. Giambattista Giacomini

INTRODUCTION TO DIFFERENTIAL AND RIEMANNIAN GEOMETRY

Prof. Davide Barilari

FUNCTIONAL METHODS IN POLYMER STATISTICAL MECHANICS AND STOCHASTIC

Prof. Enzo Orlandini

ALGORITHM DESIGN

Prof. Francesco Silvestri

Courses of the 4th and 5th year

One of the following courses can be replaced by an individual project, under the supervision of a teacher.

MOLECULAR BASIS OF NEURODEGENERATION: FROM MECHANISMS TO THERAPIES

Prof. Elisa Greggio

AND YET IT MOVES: UNDERSTANDING MOLECULAR SYSTEMS BY SIMULATING THEIR DYNAMICS

Proff. Mirco Zerbetto, Agostino Migliore

TOPICS IN MINIMAL SURFACE

Proff. Alessandro Pigati, Salvatore Stuvard

TOPOLOGICAL STATES IN CONDENSED MATTER, COLD ATOMS AND PHOTONICS

Proff. Marco Di Liberto, Iacopo Carusotto

APPROCCI AVANZATI ALLA DIAGNOSTICA PER IMMAGINI MULTIMODALE

Proff. Raffaella Motta, Roberto Stramare