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 Giacomin

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, AA.VV.

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, Chiara Giraudo