



A.Y. 2023/2024

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 MATHEMATICS (6 CFU)

Prof. Giulio Giuseppe Giusteri

Courses of the 2nd year

MEASURE THEORY

Prof. Paolo Ciatti

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

Proff. Luca Vecchi, Marco Zanetti

ALGORITHM DESIGN

Prof. Francesco Silvestri

DATA ANALYSIS

Prof. Marco Grassi

FUNCTIONAL METHODS IN POLYMER STATISTICAL MECHANICS AND STOCHASTIC

Prof. Enzo Orlandini

INTRODUCTION TO GROUP REPRESENTATION THEORY

Proff. Andrea Lucchini, Giovanna Carnovale

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.

BLACK HOLES

Prof. Davide Cassani

FUNDAMENTALS OF EVOLUTIONARY BIOLOGY

Prof. Gil Guastoni Rosenthal

INTRODUCTION TO ELLIPTIC CURVES AND MODULAR FORMS

Prof. Adrian Iovita

MACHINE LEARNING APPROACHES TO INFERENCE

Proff. Carlo Albert, Jeff Byers

TOPOGRAPHIC AND DISSECTIVE ANATOMY

Prof. Andrea Porzionato