

TRAINING PATHS (PERCORSI FORMATIVI) MASTER DEGREE IN PHYSICS

The Training path "percorso formativo" is the list of exams a student plans to take in one or more academic years. For the master degree, the training path is articulated in curricula, which define the branch of physics in which the students would like to specialize their learning.

Master students have to submit a training path in one of the two time slots below:

October 1st – December 10th 2022

February 1st –February 20th 2023

Before the curriculum selection, which is performed through the submission of the training path, students can sustain only exams common to all the curricula.

Students presenting their training path in the first time slot (October 1st-December 18th) won't be able to modify it within the second time slot in February. **The training path can be submitted only once in an academic year.**

Students will organise their training path making use of the attached tables and rules. For each curriculum, they will have to chose the "principal" sets of lectures ("insegnamenti caratterizzanti") and some other integrative courses ("insegnamenti affini-integrativi") concerning the same subjects as the "insegnamenti caratterizzanti", according to what is indicated in the tables. For example, "gruppo A" in the table means that the student will have to chose that exam among the ones listed under "gruppo A". The general rule for the training path compilation is a good balance in terms of weights of courses and lectures throughout the semesters: only training paths with at least one course and at most three courses in the second year will be accepted.

In the compilation process, students need to pay attention to the fact that the exams grouping (gruppo A, B, C) have been changing throughout the different academic years within the single curriculum, and the curricula have changed as well. Students enrolled in different academic years will therefore find different curricula and/or different exams grouping. **Students need to use their own academic year table as reference for the compilation of their training path.**

Optional exams (two for all the curricula) can be chosen among the several courses active within the Physics master degree and the Astrophysics and

Astronomy master degree, or among all the courses active in whichever bachelor or master degree course in the whole university, provided the approval of the training path referee, who will evaluate the cultural coherence of the presented training path. It is not possible to select, as optional master degree exam, a course of the bachelor degree in Physics. The submission of an individual training path is possible within a certain curriculum: this means that optional exams can be chosen outside the standard groups, meanwhile compulsory exams cannot be modified. Individual training paths, which have to be justified and explained, must be discussed with the curriculum referee. In any case, at least 12 CFU within the chosen exams have to fall within a non FIS category, and topically they can fall within INF, CHIM, BIO O MAT. No exceptions to this rule are possible, not even when dealing with an individual training path.

The following professors will review the different curricula:

Fundamental Interactions: Theory and Experiment - prof. M.Nardecchia, prof. R.Paramatti

Condensed Matter: Theory and Experiment - prof. P.Postorino

Teorico Generale - Prof. F. Ricci Tersenghi;

Biosistemi - Prof.ssa I. Giardina;