



PhD TFPA: Regulations for training activities

The educational offer for the A.Y. 2024/25 training activities is summarised in the course's Syllabus, available at the following pages:

<https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/tecnologie-ricerca-fondamentale-fisica-astrofisica/educational-offer/>
<https://www.unipd.it/dottoratoscheda/tecnologie-ricerca-fondamentale-fisica-astrofisica>

The Syllabus is drawn up and updated annually.

The courses, which vary in nature, are divided into:

- courses created ad hoc for this PhD
- courses borrowed from the PhDs of other Italian universities.

The courses have different weights, quantified in **CFU** credits (1 CFU ~ 8 hours of lectures).

Further courses may be added to the table and accredited, subject to the positive opinion of the relevant Curriculum Council, following the timetable and procedures indicated by the University of Padua.

The educational path of each PhD student enrolled in the Doctoral Course of National Interest in Technologies for Fundamental Research in Physics and Astrophysics involves carrying out research activities under the guidance of a supervisor and one or more co-supervisors assigned by the Academic Board.

Educational obligations of the PhD student

- Each PhD student must attend **at least 4 of the courses** offered and accumulate **at least 10 credits**, i.e. (approximately) 80 hours of lectures, preferably within the first 2 years;
- Each student must attend **at least one School**;
- One or two courses may be replaced by **a School**;
- The PhD student is invited to participate in the **national days** of the PhD TFPA;
- The PhD student is invited to participate in the **guided tours** of the PhD TFPA.

In agreement with the supervisors, the student may enrich the training activity where the particular project requires specific skills to be acquired. The training obligation is therefore intended as a training basis, and no further propaedeutic, characterising or supplementary training activities are restricted.

How to acquire credits

- a. The acquisition of training credits is **always** conditional on passing a **final exam on the training achieved**;
- b. If a **Master's degree** course is followed, an **addendum** (seminar activity, for example), specifically addressed to the doctoral student, must be requested to the lecturer holding the course. Profits may be established by passing a final examination: where this is not practicable by the Master's lecturer himself, the examination will be carried out by a commission appointed by the Academic Board or the relevant Curriculum Council;
- c. If a course borrowed from another Doctoral School is taken, the accreditation established by that Doctoral School will be adopted;
- d. For attending a **School** with a **minimum duration of 24 hours** of lectures, **3 CFUs** are recognised. In the case of Schools with a higher workload, the Executive Board **may** recognise a higher number of credits, subject to the positive opinion of the relevant Curriculum Coordinator.
- e. In cases where the School attended does not provide for a final examination to be passed, the relevant Curriculum Coordinator must be contacted to establish an assessment method.

f. A minimum of **8 CFUs** must normally be acquired by the end of the second year. Any exceptions must be approved in advance by the supervisor and the Academic Board, following a reasoned request by the doctoral student.

Each year, each doctoral student must submit to the Academic or the Executive Board a **study plan** agreed in advance with the supervisors, based on the information provided in these regulations.