

PhD Coordinator Prof. Giovanni Modugno

PhD web site: <https://www.fisica.unifi.it/vp-26-dottorato-in-fisica-e-astronomia.html>

PhD email dottorato@fisica.unifi.it

PhD student representatives:

Cosimo Fratticioli cosimo.fratticioli@unifi.it

Lapo Querci lapo.querchi1@unifi.it

PhD Administrative Officer Silvia Berti

PhD Internal regulation [Regulations phd in physics new.pdf](#)

First year fulfilments:

- 1) Send to the PhD email a short (i.e. 2 pages) description of your research interests (pdf file). We will post this on the Department's PhD web site.
- 2) Have a look at the PhD courses offered on our web page and choose a certain number of courses. You can find the form *Preventivo attività formativa* on the Department's PhD web site <https://www.fisica.unifi.it/vp-168-documents-and-forms.html>. The form should be signed by you and your supervisor and the pdf sent to the PhD email. You can always update/modify your plan during the year. Should you decide to substitute a chosen course, please inform immediately the PhD Coordinator so that he can decide whether your new list still satisfies our PhD criteria:
 - a) *PhD students must attend the training courses and seminars, colloquia and scientific meetings organized by the Department or by other Institutions contributing to the organization of the Doctorate. A detailed plan of possible teaching courses for the PhD students is defined every year and it is advertised on the web page. The courses to be followed correspond to 30 credits (one credit corresponds to 6 hours of teaching). At the first year there are 16 credits of research training courses (of which at least one third has to be on different subject areas from the one related to the thesis) and 4 credits of seminars and colloquia. We assume that 3 seminars/colloquia correspond to 1 credit. In the second year, there are other 4 credits of seminars and colloquia. Under request of the PhD student, the PhD Board can assign credits for participations in national and international schools.*
 - b) *Within two months from admission to the school, the PhD students must submit a detailed plan of the courses they intend to attend, up to the amount of the expected 30 credits; courses may be chosen among those activated under other Doctorates, or Master's degrees in related scientific disciplines. Obviously, the PhD students cannot propose courses they have already attended in the Master.*
 - c) *Over the three-year duration of the course, PhD students are required to follow 6 credits worth of supplementary courses in "soft skills and management" as offered by the guidance and placement services of the University. At the end of each year, PhD students must submit (filling a specific form available on the web page) a summary of their training activity during the year (training courses, seminars, colloquia and participation in national/international schools).*
- 3) Before the year ends (by mid-October at the latest) PhD students should present a short written signed report (about 4 pages) of their scientific activity. There is also an oral exam where each student is requested to give two seminars lasting about 20 minutes each plus 10 minutes for discussion. The seminars refer to topics of the attended courses; the seminars have not to refer to arguments related to the student scientific activity. At least one seminar must be on a different scientific area with respect to the thesis. The seminars take place before the course teacher and

at least one member of the Collegio Docenti. The two-member exam board then fills and signs the evaluation form available on the web page <https://www.fisica.unifi.it/vp-168-documents-and-forms.html> - *Modulo esami per passaggio dal I al II anno* and sends it to the PhD email. The exam can be taken as soon as the course ends at your (and the exam board) earliest convenience.

- 4) Before the end of the first year (mid-October at the latest) you should also send to the PhD email the form *Consuntivo attività formativa I anno* (<https://www.fisica.unifi.it/vp-168-documents-and-forms.html>), in pdf format, signed by you and your supervisor.
- 5) The Collegio Docenti will meet before the end of October and decide on your second year admission, based on your report, your *Consuntivo* and your exam results.