



Internal Regulations of the Doctoral programme in Mathematics

[D.R. no. 763/2023 of 27 April 2023 - Amendments](#)

[D.R. no. 1067/2019 of 1 July 20019 - Publication](#)

Part I

General Regulations

Article 1

Doctoral Programme

1. These Regulations govern some aspects of the operation of the doctoral programme in Mathematics, in accordance with the University Regulation on the doctoral programme. For matters not provided for in these regulations, reference is made to the University regulations and, where applicable, to the state regulations.
2. The official languages of the doctoral programme are Italian and English. Seminars, courses, exams, and the discussion of the dissertation will be held in Italian or English. Some courses may also be held in other languages and the doctoral dissertation may also be written in a language other than the official language of the doctoral programme, subject to the approval of the Teaching Staff Committee.
3. The administrative seat of the programme is the Department of Mathematics.
4. The University of Pisa is committed to equality and equal opportunities between men and women.

Article 2

Doctoral Programme Bodies

1. The bodies of the doctoral programme are the Programme Coordinator and the Teaching Staff Committee, in accordance with current legislation.
2. In accordance with Art. 4 of the University Regulations, the composition of the Doctoral Committee members, for each doctoral programme, is decided by the Teaching Staff Committee.
3. Applications for admission to the Doctoral Committee must be sent to the Coordinator by 31st January each year, together with the applicant's CV; requests to resign from the Doctoral Committee must also be sent to the Coordinator. The Committee will evaluate all applications prior to the annual accreditation.
In order to be admitted to the Doctoral Committee, candidates must meet the legal requirements. In addition to their CV, candidates, may indicate in their application any activities they have carried out in the context of the doctoral programmes: teaching, supervision of dissertations, etc. They must also indicate how they intend to contribute to the doctoral programme.
The Committee will assess all applications at the same time, taking into account the academic profile of the candidate(s), the potential contribution they could make to the doctoral programme, whether the academic discipline is adequately represented and, where possible, the gender balance.
4. Meetings of the Teaching Staff Committee, at least two per year, shall be held in accordance with

the procedures provided for by the relevant regulations in force. Meetings may also be held by telematic means, with direct identification of the Committee members and/or of the participants from outside the University of Pisa, by means of simultaneous teleconferencing or by other computer means which, in any case, allow simultaneous connection of the participants.

Part II Admission

Article 3 Admission

1. In accordance with current legislation, admission to the doctoral programme in Mathematics is based on an open competition or on the supernumerary admission procedure.

Article 4 Admission tests

1. Admission to the doctoral programme in Mathematics shall be decided by a special examination board after evaluation of the curriculum vitae and an interview.
2. The marks for the tests and the pass mark are as follows: a maximum of 40 marks will be awarded for the assessment of the curricula and a pass mark of 24 out of 40 will be set for the assessment of the curricula to be admitted to the interview; a maximum of 60 marks will be awarded for the interview and a pass mark of 30 out of 60 will be set.
3. The purpose of the interview is to assess the candidate's basic preparation, aptitude for research in the field of mathematics, openness to experience abroad and interest in deepening his or her scientific knowledge.
4. The application for admission to the programme must be accompanied by the following documents:
 - a) the curriculum vitae;
 - b) the Master's thesis or, in the case of candidates who have not yet obtained their degree, a summary thereof;
 - c) the Diploma Supplement or similar documentation of the examinations taken during the academic course of studies, including the marks obtained and the final grade of both the Bachelor's degree and the Master's degree, if already obtained (or equivalent);
 - d) a copy of any publications;
 - e) the names and contact details (including e-mail address) of at least two lecturers or scholars in Mathematics who are willing to provide references in accordance with the procedure established for this purpose.

Article 5 Board of Examiners

1. Board of Examiners for admission to doctoral programmes are appointed in accordance with the regulations in force.

Part III
Attendance to Doctoral Programme

Article 6
Supervisor

1. After consulting the Teaching Staff Committee, the Coordinator shall appoint a supervisor and a co-supervisor for each doctoral student by the end of the first year. The supervisor and the co-supervisor shall have the duties provided for in the University Regulations.

Article 7
Training activities and their verification

1. During the three years of the programme, doctoral students must attend at least six programmes (or activities recognised as equivalent) on research-related topics. At least two of these must be followed by a final examination. In the first year (by 31 October), the PhD student must attend at least one programme and take the corresponding examination and attend at least one other programme, with or without a final examination; all examinations must be taken by 31 January of the third year.

Study plans must be submitted to the Doctoral Coordinator by 15 December of the first and second year and are evaluated by the Doctoral Coordinator after consultation with the Supervisors by 15 January of the following year.

At the end of each year, the doctoral students shall submit a report on the activities carried out to the Teaching Staff Committee. During the second year, on a date to be set each year by the Coordinator, the doctoral students will submit to the Coordinator a written paper illustrating the progress of the dissertation. The paper will be discussed before a committee appointed by the Teaching Staff Committee (mid-programme interview).

2. At the end of each academic year, the Teaching Staff Committee checks the completion of the training and research activities planned for each doctoral student. In particular:

- Admission to the second year will be decided by the Teaching Staff Committee on the basis of the final report submitted by the doctoral student;
- Admission to the third year will be decided by the Teaching Staff Committee, after consultation with the Supervisor, on the basis of the outcome of the mid-programme interview and the final report submitted by the doctoral student, supplemented by a second interview, if the mid-programme interview is unsuccessful.
- The passing of the third year will be decided by the Teaching Staff Committee, on the basis of the assessment of the report on the activities carried out. For the procedures for admission to the final examination, please refer to the provisions of Article 9 c. 1 of these Regulations.

Article 8
Compatible and incompatible activities

1. For regulations on the rights and duties of doctoral students, please refer to the University Regulations.

Part IV
Attainment of doctoral degree

Article 9
Final Examination

1. The procedures for the award of the doctoral degree are laid down in the regulations in force. The rules for admission to the final examination and its conduct are detailed in Article 19 of the University Regulations.
2. In accordance with the regulations in force, until the defence of the dissertation, the doctoral student is authorised to use the University's facilities to carry out all the activities necessary for the completion of the dissertation.
3. Following the award of the doctoral degree, the student will receive, in addition to the degree, a document signed by the Programme Coordinator certifying the activities carried out during the doctoral programme.

Article 10
Board of Examiners

1. The Commission is composed in accordance with the regulations in force.

Part V
Conventions and internationalisation

Article 11
Agreements and consortia

1. In order to effectively coordinate high-level national and international research activities, the University of Pisa may enter into agreements and form consortia, including for the award of multiple or joint degrees, in accordance with the regulations in force.

Article 12
Joint doctoral studies

1. Doctoral students from the University of Pisa and from foreign universities may participate to the doctoral programme on a joint basis for the realisation of the dissertation, in accordance with the regulations in force and the conditions established in the agreement.

Article 13
Doctor Europaeus

1. At the doctoral student's request, the University may issue the Doctor Europaeus Certificate if the conditions laid down in the regulations in force are met.

Part VI
Application

Article 14
Final Provisions

1. In accordance with Article 5, paragraph 3, of the University Regulation on the doctoral programme, these Regulations and any subsequent amendments thereto shall be proposed by the Teaching Staff Committee, approved by the Departmental Academic Councils involved in the establishment of the doctoral programme, and submitted to the Central Administration for subsequent approval by the Academic Senate, subject to the opinion of the Board of Directors. These Regulations shall enter into force on the day following the date of their publication on the University's website on the academic electronic bulletin board.