

Ph.D. program in Theory and Numerical Simulation of Condensed Matter

REGULATIONS

Art. 1 – Faculty board

1. The Faculty Board is composed by professors and researchers who carry out teaching activity within the Ph.D. course, including members of other insitutions (Universities or Research Insitutions). The number of these external members should not exceed 40% of the total. The members of the faculty are expected to take part in the teaching activities, including the supervision of Ph.D. students and the organization of the Ph.D. program.
2. The coordinator of the Ph.D. program is responsible of the management, the organization and the coordination of the teaching activity and of the start of the research activity.
3. The present regulation and its changes are approved by the faculty board.

Art. 2 – Admission to the Ph.D.

1. The enrollement in the Ph.D. follows the general regulation of SISSA. The entrance exam is based on an evaluation of the academic curriculum of candidates which is used to form a shortlist of candidates who are then interviewed.
2. At the end of the exam session, the committee ranks the interviewed candidates. The faculty board, after approving the documents of the selection committee, proposes to the Academic Senate the above ranking for approval. The number of available fellowships and the details of the selection procedures are decided on yearly basis.

Art. 3 - Obligations

1. Candidates are admitted to the second year of the Ph.D. program provided they obtain a given number of credits, which is dedided by the Faculty board together with the list of courses and the number of credits corresponding to each course. Upon approval of the faculty board, students are allowed to attend and take exams of courses offered by other SISSA Ph.D. programs. The students have to present within the month of March their final study plan detailing the exams given (or to be given) in order to obtain the requested credits.

2. The details of the requirements (number of credits, possible mandatory courses, ...) are approved on yearly basis and they can be found at <https://cm.sissa.it/phdsection/phd.php> and <https://cm.sissa.it/phdsection/courses.php>
3. The minim mark to pass an exam is 24/30. The weighted average mark should be 27/30 or more in order to be admitted to the second year.
4. Within Spring of the first academic year, every student has to choose a research topic and one or more supervisors. The choice has to be approved by the faculty board. The Faculty board can request an oral presentation about the first steps of the research project at the end of the first year or at the beginning of the second year.
5. Within the month of July of the second and third year, the faculty board decides the admission of candidates to the third and fourth year after a progress report which is evaluated by a committee of at least three professors. Students who are not admitted to the final years can obtain the title of “Magister Philisophiae” after submitting a written thesis and a final examination.

Art. 4. Philosophiae Doctor Exam

1. The Faculty board selects, in agreement with the supervisors(s), two external referees for every candidate. The extenal referees have to submit a witten report and they have to approve the thesis for the defense.
2. The Faculty board schedules the Ph.D. defense and proposes a Committee for each candidate. The manuscript of the thesis has to be submitted at least one month before the defense.
3. The candidates who succesfully defend their thesis are awarded the title of Ph.D. in theory and numerical simulation of condensed matter.