

Educational and Scientific Regulations of the Doctoral Program in Industrial Engineering

Scope

This regulation governs the organizational, educational, and scientific aspects of the Doctoral Program in Industrial Engineering. The current Regulation for Doctoral Research Courses of the University of Rome Tor Vergata rules what not expressly mentioned here.

Training Activities for Ph.D. Students

The doctoral program in Industrial Engineering requires each student to acquire a minimum of 12 educational credits in the first year and 9 credits in the second year. No educational activities are scheduled for the third year. The Doctorate offers approximately twenty educational courses (3 credits each), covering specific topics related to the doctoral program. In December of each year a survey is conducted among all first and second-year students. Based on the preferences expressed, a minimum of 6 courses, including the mandatory one titled "From data to divulgation: the scientific path," will be activated for all Ph.D. students.

Furthermore, educational credits can be obtained through participation in schools, specialized university courses, update courses, workshops, and conferences related to the Ph.D. student's educational path, after the previous tutor's agreement.

It is the responsibility of the tutors to verify and certify the actual completion of educational and training activities, referring to the duration of these activities according to:

- schools/courses: 1 educational credit for every 7 hours;
- workshops and conferences: 1 educational credit for every 14 hours.

The 21 prescribed educational credits must be acquired by the end of the second year. In exceptional cases, following a motivated request, it is possible to complete the educational training during the third year. In any case, admission to the final examination is not allowed without acquiring the 21 prescribed credits.

Scientific Production of Ph.D. Students

It is the Ph.D. students' responsibility, in agreement with their tutor, to disseminate the results of the research activity through publications in national and international scientific journals, presentations at national and international conferences, and seminars. In particular, it is mandatory:

- For the admission to the 3rd year, the student must be among the authors of at least one work on topics related to doctoral activities, submitted to a journal indexed on Scopus and/or WoS.
- For the admission to the final examination, the student must have, at least, one publication in a journal indexed on Scopus and/or WoS on topics related to the thesis work, and at least one accepted paper.

In addition, to be eligible for "excellent" grade in the final examination, it is necessary to have a minimum of three papers published or accepted in journals indexed on Scopus and/or WoS by the date of the thesis defense.

Monitoring of the Ph.D. Activities

Each Ph.D. student is assigned an academic tutor who is a member of the Doctoral Board. In the case of doctoral activities mainly carried out in other institutions or labs, an additional tutor from these

institutions/labs is assigned. It is the tutors' responsibility to agree on the Ph.D. students' training and research program, and continuously supervise their activities.

Every year, in September, all the Ph.D. students' are asked to fill in a report summarising their scientific and educational activities. This form is signed by the tutor(s), who certify its content. At the end of each academic year, usually in October, PhD students are required to present the results of their work before a committee appointed by the Coordinator.

Based on the activity report and the audition, the Committee expresses a judgment and proposes to the Board the admission or non-admission to the next year. For third-year students, the Committee will also evaluate the whole activities carried out during the Doctoral Program and proposes to the Board the admission or non-admission to final examination.

Final Exam

The Doctoral thesis, in its final form and written in English, must be submitted to the Coordinator by December 15 after the conclusion of the third year of the Ph.D. program (unless there are suspensions or extensions approved by the Board). The Coordinator will submit the thesis for evaluation to at least two referees. They must be not affiliated with the Board or with the institution awarding the doctoral degree, possess a high level of qualification and, at least one of them, must be a university professor. According to the regulations of the University of Rome Tor Vergata, the final examination must take place within six months of the end of the Doctoral Program.

This regulation comes into effect starting from the 39th cycle of the Doctoral Program.