

Specific rules of the PhD Programme in Chemical and Materials Sciences of the Doctoral School in implementation of the University Regulations (D.R.n.1324 of 17/04/15) Limited to some Articles

Specification in Art. 12 - Coordinator

The Coordinator appoints a Deputy Coordinator, chosen from among the members of the PhD Board. The Vice-Coordinator assists the Coordinator and acts as Vicar.

Specification in Art. 14 - Tutor

The Tutor can belong, in any capacity, to a single Doctorate. The Tutor is personally involved and responsible for planning, authorizing, and evaluating the PhD student's activity in advance.

Specification in Art. 22 - Start of courses and activities of doctoral students

At the end of each year, the PhD student is required to:

- submit a written "Annual Report" on its research activity.
- (2nd year only) present the research activity in front of the PhD Board, in a 25-minute oral presentation in English.

The deadlines for submitting the aforementioned reports are published on the website of the PhD Programme in Chemical and Materials Sciences, together with a template of the report and a few guidelines for its preparation. All reports must be written in English.

In the three-year period, the PhD student is required to be the first-author of at least two publications, accepted in ISI journals. A doctoral thesis that has not given rise to publications is generally not acceptable. Specific cases (associated, for example, with confidentiality agreements or industrial and apprenticeship doctorates) will be examined by the PhD Board.

Specification in Art. 24 - Place of business

The place of employment of the PhD student is the Department of the tutor. In the event that most of the activities (for a total of more than 18 months) must be carried out at another institution, approval by the PhD Board is required.

During their PhD, students must spend a period of training abroad (internship) lasting at least 3 months and up to a maximum of 18 months. The stay abroad can be made up of the sum of several periods, of which at least one of a consecutive month. Exceptions may be granted by the PhD Board on the basis of justified requests. Industrial and apprenticeship doctorates are not bound by this rule. The results obtained and the activities carried out during the internship period must be described in detail in the year-end report.

Specification in Art. 27 - Incompatibility

As specified in art. 22, the doctorate involves a full-time commitment.

PhD students can carry out tutoring and supplementary teaching activities, subject to authorization from the PhD Board, up to a maximum of 40 h/year. This activity is credited as detailed in the specification in Annex 2

Specification in Art. 29 Presentation of the thesis

The thesis must be written in English.

Specific to Annex 2 - Credit

To be admitted to the final exam, PhD students must acquire at least 60 ECTS during the three-year period. Credits can be acquired through both theoretical and practical training activities.

At least 20 ECTS must derive from courses of the PhD Programme in Chemical and Materials Sciences or the School of Doctorate of the University of Turin or from partner universities in the case of co-supervised doctorates. The credit will be assigned according to internal criteria as detailed in the following, even for activities for which a credit certificate is issued by the organizer.

The CFUs will be recognized as per the following table.

A) Theoretical training credits:

A1) Courses and Schools

A minimum of 20 ECTS must be acquired by attending Courses of the PhD programme in Chemical and Materials Sciences or of the Doctoral School of the University of Turin or partner universities in the case of co-supervised doctorates.

Credits will be assigned to the students either by passing an exam (when required) or by submitting a two-page report (if the final exam is not required). The latter will be delivered together with the final annual report, and approved by the PhD Board.

Courses of other Doctoral Schools or Universities or Italian or foreign Scientific Societies

The number of ECTS is assigned on dependence of the type and duration (1 CFU = 4 h).

Participation must be documented, including through self-certification, reporting: title, speaker, date, duration, any recipients, as well as a detailed program.

Summer / winter schools

The number of ECTS is assigned on dependence of the type and duration (1 CFU = 1 day).

Participation must be documented, including through self-certification, reporting: title, speaker, date, duration, any recipients, as well as a detailed program.

Other courses for PhD students

The number of ECTS is assigned on dependence of the type and duration (1 CFU = 4 h).

Participation must be documented, including through self-certification, reporting: title, speaker, date, duration, any recipients, as well as a detailed program.

A2) Participation in seminars and congresses

Up to a maximum of 10 ECTS.

Seminars proposed by the Doctoral School

The number of ECTS is assigned on dependence of the type and duration (1 CFU = 4 h).

Participation must be documented, including through self-certification, indicating: title, speaker, date, duration, as well as a detailed program.

Seminars / workshops / conferences / congresses in Italy or abroad

The number of ECTS is assigned on dependence of the type and duration (seminars / workshop 1 CFU = 4 h conference / congress 1 CFU = 1 day up to a maximum of 5 CFU).

Participation must be documented, including through self-certification, indicating: title, speaker, date, duration, as well as a detailed program.

B) Credits for practical training:

B1) Annual presentation (2nd year) to the PhD Board

The annual presentation (2nd year) to the PhD Board allows students to acquire: 1-3 ECTS in relation to the grade obtained: **1 CFU** for a grade **C** (approved), **2 CFU** for a grade **B**, **3 CFU** for an grade **A**.

B2) Presentations at seminars / workshops / conferences / congresses

- **3 CFU** for oral presentation at an international seminar / workshop / convention / congress (in English).
- **1 CFU** for the presentation of a poster as the first name at an international seminar / workshop / convention / congress.
- **2 CFU** for oral presentation at a seminar / workshop / convention / national congress.
- **0.5 CFU** for the presentation of a poster as the first name at a national seminar / workshop / convention / congress.

B3) Stay abroad

- **3 CFU** for each consecutive month, up to a maximum of 18 CFU:

B4) Publications

Up to a maximum of 16 CFU

- **4 CFU** for the publication of scientific articles in ISI journals in which the PhD student is the first-author (for the last year even if the article has been officially accepted).
- **2 CFU** for publication of scientific articles in ISI journals in which the PhD student is not the first-author (for the last year even if the article has been officially accepted).

B5) Patents

- **1 CFU** for each patent filed nationally;
- **2 CFU** for international patent.

B6) Teaching support assignments

- **1 CFU** for every 10 hours of teaching assistance, duly approved by the PhD Board within the limit of 40 hours/year as established by art. 27 of the University Regulations.

Note: It is the PhD student's responsibility to provide a complete, clear and comprehensive documentation of his research activities, to avoid them not being credited. The PhD Board may request additions to the documentation produced if deemed necessary.

The PhD student will have the opportunity to request explanations regarding any inconsistencies within 10 working days from the date of publication of the credit on the PhD website.