



UNIVERSITÀ
DEGLI STUDI
DI MILANO

AI Master Degree in Artificial Intelligence for Science and Technology

Regulations for the Master's Degree thesis

Version approved by the CCD 29.06.2023

Art 1 Definitions and general provisions

"AI4ST" = Master's Degree in Artificial Intelligence for Science and Technology

"CCD" = members of the AI4ST Consiglio di Coordinamento Didattico (Teaching Coordination Council), together with all those with a teaching position according to its "Piano Didattico" (Teaching Plan) for the current academic year.

"Committee" = "Rapporti con mondo del lavoro, stage e tesi esterne, e orientamento in uscita" (Relations with the world of work, stage and external theses, and leaving guidance) committee

"stage" = curricular internship

"University Consortium" = University of Milano – Bicocca, Milano Statale and Pavia

Where not explicitly laid out in this document, reference will be made to the legislation in force on the matter and, in particular, to the "Regolamento Didattico di Ateneo" (University Teaching Regulations), to the "Regolamento degli Studenti dell'Università degli Studi di Milano – Bicocca" (Milano-Bicocca University Student Regulations), and with the AI4ST "Regolamento didattico" (Teaching Regulations), which shall prevail in cases of doubts.

Art. 2 Attainment of the Master's Degree

The qualification of Master's Degree in Artificial Intelligence for Science and Technology is granted on passing a final exam. This consists of the presentation and discussion of a thesis, drawn up by the student under the guidance of a supervisor (as defined in Art. 3), and associated to a compulsory stage activity.

Art. 3 Master's Thesis

The thesis for the Master's Degree is the culmination of the student's educational career. It is an individual work and consists of a written document containing the original contributions and/or results achieved by the student in areas consistent with the educational objectives of the Master's Degree course, and also developed during the stage.

The thesis work is carried out under the guidance of a supervisor and, where appropriate, a co-supervisor (as defined in Art. 3).

The thesis shall be written in English.

Work on the thesis shall be carried out internally at the University Consortium, or at companies, organizations, research centres, or other universities, in Italy or abroad.

Art. 4 Thesis Supervision

The thesis supervisor (“relatore” in Italian) decides and monitors the thesis content and development, and guides the student in his or her thesis work.

The supervisor shall be selected from among CCD members.

The supervisor shall be assigned the role of university tutor during the stage activity.

A company tutor, selected from the personnel of the organisation where the stage is conducted, shall support the supervisor in providing guidance on the thesis.

The supervisor may appoint one or more co-supervisors (“correlatore” in Italian) to provide additional guidance on the thesis.

The company tutor may also act as co-supervisor.

Art. 5 Thesis Choice and Assignment

AI4ST students may choose their Master’s thesis as detailed in the *“Regulations for the selection of the Master’s Degree thesis and stage assignment and development”*, available on the e-learning platform.

Art. 6 Final defence

The final test involves the presentation and discussion of the thesis in a public session, to be held in English.

Dates are notified well in advance on the e-Learning website of the Course.

The composition of the Commissions for the evaluation of the final examination, along with the place and time of the sessions, shall be published in due time, usually one week before the date of each graduation session.

Art. 7 Examination Committee

The examination committee is appointed in accordance with the procedures laid down by the “Regolamento Didattico di Ateneo” (University Teaching Regulations).

Supervisors and co-supervisors who are members of the CCD are generally members of the examination committee.

If not already members of the examination committee, they shall be invited to take part in the works in an advisory capacity only.

Art. 8 Reader

A reader shall be appointed, together with the examination committee, to each thesis and shall formulate a judgment on its quality.

The reader shall be selected from among the members of the CCD at least two weeks prior to the graduation session and shall undertake to participate in it.

The reader cannot be the supervisor or co-supervisor of the thesis.

If not a member of the Examination Committee, the reader shall provide the judgement in writing to the examination committee.

Art. 9 Thesis submission

Students shall submit the thesis to the “segreteria didattica” and to the reader one week in advance with respect to the graduation session.

Art. 10 Evaluation

The examination committee shall give a final score out of 110 with the option of granting honours.

After the final examination, the examination committee shall assign this score based on the quality of the thesis, the quality of the stage work, and the quality of the discussion during the defence.

In particular, the following aspects shall be considered:

- the quality and innovation of the thesis content, including the results achieved;
- the consistency between the objectives of the thesis and the results achieved;
- the orderly and coherent organization of the topics covered in the document;
- mastery of the specific vocabulary of the subject of the thesis;
- critical knowledge of the relevant literature;
- mastery of the technologies and methodologies used and their consistency with the goals of the thesis project;
- the reader’s judgment.

The final score, out of 110, shall be calculated by adding the score assigned for the final defence to the base score provided by the Career Management Office, rounded to the nearest integer after all additions.

The score for the final defence shall range between 0 and 6 points, with an extra point assigned to students who are defending their thesis in the second academic year. For students who took part in the Erasmus programme, this deadline shall be postponed by six months.

Honours may only be granted to graduating students with an excellent academic career who have presented an outstanding thesis project, and attained an overall score of at least 112/110, at the request of the chairperson of the examination committee with the unanimous consent of the examination committee.