

Final examination additional Regulations for the Laurea Magistrale – LM (equivalent to Master of Science) Study Programme in Building and Architectural Engineering

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Updated under the General Regulations for BSc and MSc Examinations, approved at the Academic Senate meeting dated 15/02/2021, and the Additional Regulations for the AUIC School BSc and MSc Examinations, approved at the 09/03/2021 School Council meeting.

This document regulates the conduct of the Final Examination for the MSc in Building and Architectural Engineering, under article 7.2 of the General Regulations for BSc and MSc Examinations and article 7.1 of the Final Examination Additional Regulations for the BSc and MSc in the School of Architecture, Urban Planning Construction Engineering.

For anything not expressly mentioned in these Regulations, please refer to these documents.

Art 1. Paper submitted for the Final Examination

The Final Examination of the MSc in Building and Architectural Engineering consists of presenting and discussing a final dissertation (Thesis), as outlined in article 3.2 of the AUIC School Final Examination Regulations. This Thesis must have an original scientific (theoretical, numerical or experimental, design or technological) content, i.e. the complexity and interweaving of different knowledge required to achieve a result.

Art. 2. Thesis preparation levels

The Thesis in Building and Architectural Engineering, subject to the principles set out in Article 1, may be:

- a highly complex dissertation, defining the problem, its theoretical framework, the presentation and critical discussion of the results and prospects; or
- a paper containing some of the above aspects.

Before submission, the Thesis is assessed by a Supervisor and possibly a Discussant (Thesis with Discussant). In the second case, it is evaluated by a Supervisor (Thesis without Discussant).

The choice between the two Thesis preparation levels will be agreed upon with the Supervisor, who will make the final decision.

Art. 3. Thesis content

The Thesis in Building and Architectural Engineering may consist of:

- Developing an original project in which students must demonstrate the ability to integrate the disciplinary contributions of the subjects addressed in the study programme. This interdisciplinary process may be developed either by assuming a systematic methodological procedure based on engineering controls; or by tackling advanced and complex themes, with specialised insights into innovative project aspects; or
- an in-depth study of one or more specialist aspects among those addressed in the study programme. This must show original state of the art aspects and can be developed in its

general methodological aspects or applied to a design case study, either original or chosen from among those addressed in the study programme.

Art. 4. Thesis Validity

The validity of a Thesis prepared by more than one author is two years from the first discussion by a first author unless the Dean or their Delegate grants an exception at the Supervisor's request.

Art. 5. Thesis drafting

The final dissertation must be in A4 format, either vertically or horizontally, and bound. Any tables must be integrated into the Thesis within the relevant chapter, scaled to A4 or A3 format (in this case, to be folded to A4 format in the printed version).

The Thesis must not exceed 300 pages (printed sides), excluding tables.

Art. 6. Experts invited by the Degree Examination Board

External experts may be invited to participate without voting rights in the Board's work, particularly if they have co-supervised graduating applicants' dissertations. The invitation to take part shall be sent by the Secretariat Office, on the recommendation of the Graduate reference person, should the latter think it appropriate at the Supervisor's request.

Art. 7. Thesis discussion

During the Final Examination, applicants must submit a digital copy of their presentation to the Degree Examination Board, to be uploaded to the online system according to the instructions provided by the University.

The Thesis must be presented using slides. The presentation:

- must illustrate the work original aspects and not being merely descriptive;
- shall last no longer than 15 minutes for Theses without a Discussant;
- shall last no longer than 20 minutes for Theses without a Discussant.

The times indicated do not include questions from the Degree Examination Board, the Supervisor and Discussant (if any).

Only students regularly registered in the exam are admitted to present the Thesis and answer Board questions.

Art. 8. Thesis drafting and discussion language

The Thesis for the Building and Architectural Engineering Study Programme is written in English. The language to be used for the presentation is English.

All Theses must contain an Italian and English synopsis under Article 3.2 of the AUIC School Final Examination Regulations.

Art. 9. Graduation score

The general rules for determining the graduation score are set out in Articles 6.2 and 6.3 of the AUIC School Final Examination Regulations.

For Theses in Building and Architectural Engineering the maximum scores are set as follows:

- -1 to +8 points for Theses with a Discussant;
- -1 to +4 points for Theses without a Discussant.

Art. 10. Internal Double Degrees

Art. 10.1. Double Degree Thesis content

The double degree thesis content must comply with the general principles set out in Article 3 of these Regulations and present a cross-cutting approach to the themes of the internal Double Degree attended by the applicants.

Art. 10.2. Number of Double Degree Thesis Authors

The maximum number of authors of the Double Degree Thesis is defined by the most restrictive of the Additional Regulations of the Schools involved in the Internal Double Degree agreement.

Art. 10.3. Double Degree Thesis discussion

Applicants for an internal Double Degree are required to discuss their Thesis before the Degree Examination Board of their original Study Programme. When discussing a Double Degree Thesis, the Building and Architectural Engineering programme Degree Examination Board must be supplemented by at least one external member from the second MSc programme included in the internal Double Degree agreement. Applicants are awarded the MSc qualification in Building and Architectural Engineering, with subsequent validation of the second degree.

Art. 10.4. Double Degree score

To determine the Double Degree score and the awarding of honours, the most restrictive of the Additional Regulations of the Schools or Study Programmes involved in the Internal Double Degree agreement are followed.