



UNIVERSITÀ
DI TRENTO

FINAL EXAMINATION AND DEGREE AWARDING REGULATIONS FOR THE INTERDEPARTMENTAL MASTER'S DEGREE PROGRAM IN DATA SCIENCE

Courtesy translation



**FINAL EXAMINATION AND DEGREE AWARDING REGULATIONS FOR THE INTERDEPARTMENTAL
MASTER'S DEGREE PROGRAM IN DATA SCIENCE – COURTESY TRANSLATION**

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Art. 1 - Definitions

1. For the purposes of these regulations, the following definitions are adopted:
 - a. Final Examination: final educational activity of the course of study, to which a number of CFUs is attributed that may vary depending on the course of study.
 - b. Final Examination Exam: mode of verifying the acquisition of knowledge and disciplinary skills provided by the Final Examination activity.
 - c. Master's Degree Defense: day on which the proclamation of graduation takes place.
 - d. Graduating student: student who has acquired all the CFUs required by the didactic regulations of the master's degree course in which he/she is enrolled in order to obtain the degree, with the exception of the CFUs required for the Final Examination, and who has enrolled/applied for the Final Examination.
 - e. Final Examination Board: a committee appointed to examine the student(s) during the Final Examination.
 - f. Supervisor: lecturer who supervises the activity of the student(s) for the Final Examination
 - g. Final Examination Evaluation: the evaluation of the Final Examination is expressed by the Board with a grade in one hundred tenths (grade over 110).
 - h. Additional points: points awarded to the Final Proof Examination and the career of the student, in addition to the grade in one hundred tenths that is obtained by converting of the average grade in thirtieths.
 - i. Course Coordinator: tenured faculty member who is entrusted with monitoring of the regular conduct of the educational activities provided in the course of study and, more generally, of any other educational activities provided in the educational paths offered to students enrolled in the course of study. The name of the Supervisor is indicated each year in the MUR portal www.universitaly.it.
 - j. Co-supervisor: a lecturer who supervises the activity of the student(s) for the Final Examination and evaluates jointly with the Advisor(s) the final paper (thesis).

Art. 2 - Premises



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1. These regulations apply to the interdepartmental master's degree in Data Science (Class of master's degrees LM-91 - Techniques and methods for the Information society referred to in the Ministerial Decree of March 16, 2007).
2. The administrative structure of reference is the Department of Sociology and Social Research and the associated teaching facilities are the Departments of: Mathematics, Economics and Management, Engineering Industrial, Engineering and Information Science, Psychology and Cognitive Science, the Interdepartmental Mind and Brain Center.

Art. 3 - Objectives and structure of the Final Examination

1. The purpose of the Final Examination is to verify the scientific maturity achieved by the student upon completion of the master's degree program.
2. The Final Examination consists of the writing of an original dissertation (hereinafter referred to as "thesis") pertaining to a topic of the course of study and and in a public presentation, before an examination board of final examination, with final evaluation.
3. The purpose of the thesis work is to bring the student into direct contact with a topic of applied research or research and development in Data Science and provides an opportunity for the student to contribute personally to the advancement of the field.
4. The thesis work consists of design or applied research or analysis of a case, which demonstrates mastery of the topics as well as the ability to operate in an autonomously in the field of organizations using Data Science.
5. The Final Examination may include a period of internship/internship activities pertaining to topics consistent with the training course of the master's degree program, which may be carried out at a University research laboratory or external institution, public or private, affiliated with the University of Trento.
6. The graduating student may be required to sign a "Commitment of Confidentiality" with respect to confidential information, knowledge and materials, i.e., not publicly accessible, that will be made available for the development of the thesis.



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7. The Final Examination shall be conducted in accordance with the provisions of the Didactic Regulations of the University and by these "Regulations of the Final Examination and Awarding of the Degree" proposed by the Master Management Board and approved by the pertinent academic structure.
8. The thesis work must be carried out under the direction of at least one Supervisor and written in English.

Art. 4 - Joint Thesis

1. Theses conducted jointly by two or more undergraduate students may be proposed. The Course Coordinator with the supervisor(s) involved will evaluate their admissibility. If admissible, the parts written by each candidate must be clearly identified so as to ensure the individuality of the thesis also in the relevant discussion and that the contribution of each student is recognizable within the scope of the project as well as within the thesis.

Art. 5 – Registering the title and changing Supervisor

1. The student shall officially register the title of the thesis and the name of the Supervisor(s) with the Student Support Office of the Campus, at least four months before the date of the discussion, according to the procedures and timelines published on the course of study portal
2. At the time of submission of the the student(s) wishing to graduate must have obtained at least 60 CFU (undergraduate credits).
3. After the title is registered, no other faculty member may be approached for the designation as Supervisor(s), except after the previous one has been informed and has declared in writing to the Coordinator of the course of study that he/she renounces to the appointment. Waiver by the Supervisor(s) must occur prior to the delivery of the thesis by the student(s). The student(s) must make arrangements to re-deposit the name of the Supervisor(s) with the Office of Student Support.

Art. 6 - Requirements for admission to the master's Final examination



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1. Candidates who have obtained all the credits required for the award of the degree, except for the credits associated with the Final Examination, and have submitted an application for enrolling to the master's degree defense within the deadlines and timelines indicated on the course portal, are admitted to one of the discussion sessions indicated in the academic calendar and proclaimed at the corresponding proclamation session.
2. At least seven days prior to the discussion, the graduate student(s) must send a hard copy of his or her thesis to the chairperson of the Board, the thesis Supervisor(s) and the Co-Supervisor(s).
3. At least seven days prior to the discussion, the graduate student must send the summary of the thesis to the President and any remaining members of the Commission.

Art. 7 - Supervisor(s)

1. All faculty members who hold educational activities at the Associate Academic Structures in the master's degree program in Data Science, the faculty members who hold educational activities at the course of study, as well as, subject to the consent of the Coordinator of the Course of Study, faculty members of other academic structures can act as thesis Supervisor.

Art. 8 - Final examination boards and calendar of appeals

1. The Final Examination Board is composed of a Chairperson, the applicant's Supervisor(s) and at least one Correlator(s). The Head of the academic structure, after consultation with the Course Coordinator, may appoint more than one Final Examination Discussion Board.
2. The Commission for the Proclamation of the Master's Degree Examination is composed of at least 5 members chosen from among the members of the Finale Examinarion Board(s) and from among the faculty members belonging to the associated academic structures.
3. The Head of the academic structure, after consulting with the Course Coordinator, designates the Chairperson(s)/Chairperson(s) and the members of the Board(s) for the proclamation of the Master's Degree and the Board(s) for the discussion of the Final Examination.



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4. The Supervisor(s) and Co-Supervisor(s) must be present during the session of the master's degree. In case of excused absence, they must submit a written report including the final judgment, also by e-mail, to the Chairperson of the Master's Degree Committee by the day before the defense. In the case that the Supervisor or Co-Supervisor cannot participate in the Board, they will be replaced by other members appointed by the Head of the academic structure of reference.
5. Annually, the Management Committee proposes to the academic structure of reference the calendar of the sessions for the discussion and proclamation of master's degree, articulated over five sessions.

Art. 9 - Definition of the master's degree grade and conferment of the title

1. The examination consists of the public discussion of the thesis before the Final Examination Board.
2. The starting grade is the weighted average based on the credits attributed to each activity training, with grade falling within the candidate's curriculum, related to 110. In the calculation of the average the grade 30 with honors will be calculated equal to 31/30. The graduation score is given by the sum of the starting grade and the final examination grade.
3. If deemed acceptable by the Committee, the master's thesis shall be awarded additional points from 1 to 10 points, possibly with the distinction of honors.

In particular, the following shall be evaluated:

- 1-2 points for a "sufficient" thesis;
- 3-5 points for a "good" thesis;
- 6-8 points for a "distinguished" thesis;
- 9-10 points for an "excellent" thesis.



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4. Awarding 6-8 points (distinguished) will be possible if the thesis shows qualities of synthesis of the notions of the subject, capacity for independent research, critical reflection and traits of originality. The award of 9-10 points (excellent) will be possible only if the Supervisor has provided the committee in advance with a brief report that highlights the elements of excellence in the work, suitable to justify the possible high score.
5. The mark of distinction (lode) is proposed by the Supervisor and sent, together with an copy of the thesis in electronic format, to all members of the Board at least one week before the graduation session. The mark of distinction may be awarded only when the candidate, having discussed a thesis judged to be excellent, has achieved the highest grade.
6. The Final Examination Board awards the final grade and, in case a mark of distinction is proposed, this may be granted upon the unanimous assessment of all the members.
7. At the end of the discussion, the Final Examination Board shall deliberate the final overall assessment of the performance of the course of study activities by of the candidate and his/her admission to the proclamation of master's degree.

Art. 10 - Final and transitional rules.

1. These regulations come into force with the 2019/20 academic year, starting with the Master's degree appeals of the July 2020 session.