

ADMINISTRATIVE REGULATION OF THE MAGISTRAL COURSE IN QUANTITATIVE FINANCE

- Regulatory body –

Art. 1 Requirements for access to the course

1. Admission to the 2nd cycle degree Program in Quantitative Finance is subject to the possession of appropriate knowledge of mathematics, Quantitative Finance and statistics at the level of three-year degree

2. Admission to the 2nd cycle degree in Quantitative Finance is reserved for candidates with an Italian first cycle degree in one of the following classes or other suitable qualification obtained abroad: Ex.DM 270/04: L - 35, Mathematical Sciences, L - 41 Statistics, L - 33 Quantitative Finance, L – 18 Quantitative Finance and Business Management, L - 31 Science and Technology, L – 9 Industrial Engineering, L - 30 Physical Sciences and Technologies, L - 36 Political Science and International relations Ex DM 509/99: Class 32 (Mathematical Sciences), Class 37 (Statistics), Class 28 (Quantitative Finance and Business Administration), Class 26 (Science and Technology), Class 25 (Physical Sciences and Technologies), Class 15 (Science Policies and International Relations). Degree in Mathematics, Degree in Physics, Degree in Mathematics Quantitative Finance and Commerce, Degree in Statistics Sciences, Computer Science Degree, Engineering Degree.

3. In exceptional cases, to allow access to the Second Cycle Degree Program in Quantitative Finance also to graduates who do not meet the curricular requirements laid down in paragraphs 1 and 2, admission to the Second Cycle Degree Program is subject to the preliminary assessment by a Board to check the possession of the required competencies and skills, through the examination of the candidates' curriculum. If the Commission considers the level of the graduate's knowledge and skills to be satisfactory, the student will be allowed to the admission procedure based on the assessment of personal competencies and skills, as described in art. 1, comma 5.

4. Access to the Second Cycle Degree Program requires certification of competencies in the English language at the level B2.

5. Admission to the Second Cycle Degree Program in Quantitative Finance is in any case, for all candidates, subject to the assessment of personal competencies and skills by a Board appointed by the Degree Program Board (which may be that one indicated in paragraph 3). Personal competencies and skills will be assessed through the examination of the curriculum in line with the procedures indicated in the call for admission.

6. For international students, the Second Cycle Degree Program in Quantitative Finance can provide an additional admission session and appoint a Board to assess personal competencies and skills of the candidates, meeting the deadlines of the call for the assignment of study grants and exemptions (the deadline for such call is expected approximately in May).

International students, who have obtained a positive evaluation in the audit referred to in the above are exempted from the subsequent test of the suitability of staff preparation for the generality of students.

The international students suitable for admission after the above-mentioned assessment are exonerated from the following assessments of personal competencies and skills required for the other students.

Art. 2 Mobility rules between the course curricula. Individual study plans.

Students can make the choices specified in the teaching plan, according to the procedures specified in it, and within the deadlines yearly defined by the School and published in the University website.

The Second Cycle Degree Program in Quantitative Finance does not offer different curricula. Individual study plans may not be presented.

Art. 3 Methods of carrying out each formative activity and type of didactic forms

The attached teaching plan indicates the implementation methods of each learning activity and the relative division into hours of lectures, practical exercises or internship, as well as the type of teaching methods.

All learning activities are held in the English language.

Any further information will be published annually in the University website. **Art. 4 Frequency and propaedeuticity**

Compulsory attendance of the teaching activities is indicated in the attached teaching plan, together with any preparatory activities required for individual learning activities. Modalities and verification of the obligation of frequency, where provided, are determined annually by the Study Course at the presentation of the didactic programming and made known to the students before the beginning of the lessons through the University Portal.

Art. 5 Assessment of learning activities

The attached teaching plan indicates all cases in which the learning activities end with an exam, marked with a grade out of 30, or on a pass-fail basis.

The assessment methods (oral, written, practical or a combination thereof; individual or team examinations) are established and shown annually by the Degree Program during the presentation of the teaching plan and are published prior to the start of lectures in the University website.

Art. 6 Formative activities independently chosen by the student

The student can indicate how one or more of the student's self-selected training activities are chosen training activities among all those in the Department of Statistical Sciences. If the student intends to take an exam related to an activity not activated in the Department must apply to the Course Board in the terms provided annually and announced through publication on the University Portal. The Council will evaluate its consistency of choice with the student's training path.

Art. 7 Criteria for recognition of credits acquired in Study Courses of the same class

Acquired academic credits are recognized to the extent of its credits disciplinary field provided for in the attached didactic plan as far as teaching is concerned to be given entirely in English.

If the awards are made in accordance with the rules of this regulation, there are no credits left not used, the Study Board can recognize them by evaluating the concrete case based on the case of teaching and cultural affinities.

Art. 8 Recognition of Credits Acquired in Different Class Courses, at telematic universities and International Studies Courses

The acquired university credits are recognized by the Degree Program Board according to the following criteria:

- analysis of the course content
- evaluation of the adequacy of the subject areas and of the learning activities in which the student has acquired university credits with the specific learning outcomes of the Degree Program and of the individual learning activities to recognize, in any case pursuing the aim of promoting students' mobility.

The credits are recognized up to the maximum number of university credits provided for in the attached course structure diagram.

If having recognized the credits according to the provisions of this regulation, there are unused residual credits, the Degree Program Board may recognize them by assessing the specific case in coherence with the teaching and cultural affinities.

Art. 9 Criteria for recognition of knowledge and extra-university skills

Competencies acquired outside of the university may be recognised in the following cases:

- 1) professional competencies and skills certified under the terms of the applicable laws;

2) competencies and skills acquired in post-secondary learning activities run or planned by the university.

The request for recognition shall be assessed by the Degree Programme Board considering the indications of the academic bodies and the maximum number of recognizable credits laid down in the Degree Programme Teaching Regulations.

Recognition is possible if the activities are coherent with the specific learning outcomes of the degree programme and the recognised learning activities, also in consideration of the contents and duration in hours of the implemented activity.

Art. 10 Internship

The Study Course may, upon the request of the student, allow, with the procedures established by the University General Regulations for Internships or International Programs internship mobility, and in accordance with Community rules, the pursuit of a traineeship aimed at preparing the final exam / thesis or anyway linked to a project training aimed at refining its learning and training process.

This kind of internship is a training experience characterized by practical/work experiences, and the related increased awareness, carried out in universities offices or in other places, which allow the students to improve skills related to the course of study followed.

Such training experiences will not be longer than six months and must end by the date of obtaining the degree certificate, they may be carried out with the attribution of training credits:

- within the scope of the final dissertation;
- for apprenticeship activities provided by the teaching plan;
- for student's activities, also configurable as a trainee.

Art. 11 Apprenticeship in high education

The Study Council may provide for the possibility for the student to carry out his / her Internships to integrate university education with practical training in the company aimed at acquiring a degree.

The selection of students between the ages of 18 and 29 who have already acquired one minimum 50 to a maximum of 80 CFUs. To the formal learning activities carried out in the company on the basis of the training project attached to the apprenticeship contract can be recognized by a minimum of 12 CFUs to a maximum of 25 CFU.

The duration of the contract varies from 12 to 36 months and there is a training requirement of 240 hours per year formal learning, of which 150 in the company and 90 hours paid by the company itself, in front of academic activities carried out by the student.

Art. 12 Completion of the final test

The final exam consists in the preparation of an original thesis in English. The thesis must be publicly discussed during a session of the Commission formed and appointed in accordance with the provisions of Art. 19 of the Educational Regulations of the University, developed by the candidate under the supervision of a teacher. The dissertation will have to demonstrate critical capacity and contain elements of originality.

The Board of Trustees may provide for the award of bonus scores to be announced through the University Portal.

Art. 13 Correspondence between the credits assigned to each learning activity and the planned learning outcomes

The Joint Commission on Teachers-Students on 01/12/2015 has expressed a favorable opinion on the pursuant to Article 12, paragraph 3 of DM 270/04.