



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Teaching regulation of the Master Degree Program

Greening Energy Market and Finance (LM I6)

Sede di Bologna

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Master Degree Program in Greening Energy Market and Finance

Art. 1 Requirements for access to the course

• Knowledge required for access

To be admitted to the master's degree course in Greening Energy Market and Finance it is necessary to have a three-year university degree or diploma, or other qualification obtained abroad, recognized as suitable.

It is also necessary to possess curricular requirements and to pass a test of the adequacy of personal preparation.

Curricular requirements

There are two curricular requirements to be met in order to apply for the Greening Energy Market and Finance course.

1. Having obtained a degree in one of the following classes:

• ex D.M. 270:

L 7 Civil and Environmental Engineering, L 8 Information Engineering, L 9 Industrial Engineering, L 18 Economics and Business Management Sciences, L 30 Physical Sciences and Technologies, L 31 Computer Sciences and Technologies, L 33 Economic Sciences, L 35 Mathematical Sciences, L 41 Statistics

• ex. D.M. 509/99:

Class 8 (Civil and Environmental Engineering), Class 9 (Information Engineering), Class 10 (Industrial Engineering), Class 17 (Economics and Business Management Sciences), Class 25 (Physical Sciences and Technologies), Class 26 (Computer Sciences and Technologies), class 28 (Economic Sciences), class 32 (Mathematical Sciences), class 37 (Statistical Sciences)

☐ Previous four-year system:

Mathematics, Physics, Economics and Commerce, Statistical Sciences, Information Technologies, Engineering.

2. To certify the knowledge of the English language at least at level B2 of the Common European Framework of Reference for the knowledge of languages.

3. To access the course it is necessary to possess knowledge of the Italian language equivalent to a level not lower than B2 of the CEFR. Foreign students who do not meet this requirement must include training activities aimed at achieving the required level in their study plan.

Verification of the adequacy of personal preparation

Admission to the master's degree course is subject to a verification of the adequacy of personal preparation which will take place according to the procedures defined in the admission procedure point.

• Admission procedures

Verification of the adequacy of personal preparation is carried out by an Admission Commission on the basis of:

- University-level knowledge of mathematics, economics, finance and statistics assessed through the GrEnFin assessment test.
- The collegial assessment of the candidate's curriculum and the documentation required for the application for admission (international certifications relevant to the interests of the course, document bearing the three-year degree mark as well as grades, credits and disciplinary sector relating to all the exams carried out in the three-year course, extracurricular and professional training experiences relevant to the interests of the course).

The Degree Course Council can evaluate the educational path completed by students, who enroll following:

- waiver,
- forfeiture,
- submission of an option request from the previous regulations,
- possession of an Italian or foreign academic qualification or training in foreign universities,
- transfer from another degree course at the University of Bologna,
- transfer from another University,

in order to consider the verification of the adequacy of personal preparation fulfilled, given the necessary possession of the curricular requirements, as well as obtaining a positive collegial assessment of the candidate's curriculum by the Admission Commission.

Art. 2 Mobility rules between the curricula of the Degree Program. Individual study plans

The student can make the choices indicated in the teaching plan, in the manner indicated in the plan itself and within the deadlines made known through the University Portal.

It is not possible to submit individual study plans.

It is not allowed to switch between the curricula provided, except for exceptional and justified needs.

Motivated requests, submitted within the deadlines made known through the University Portal, will be submitted individually to the Degree Program Council, which will assess the reasons for the request and its admissibility.

In the event of a positive outcome, the Board itself will decide on the request for passage based on the following criteria:

- congruence with the educational objectives of the degree program.
- verifies that the number of examinations, courses and related university credits is not less than the corresponding number provided for in the official Study Plan.

Art. 3 Methods of carrying out each training activity and typology of didactic forms

The attached teaching plan indicates the methods of carrying out each training activity and the relative subdivision into hours of frontal teaching, practical exercises or internships, as well as the type of teaching forms. All training activities will be taught in English.

Any further information relating to them will be announced annually on the University Portal.

Art. 4 Attendance and preparatory work

The obligation to attend didactic activities is indicated in the attached teaching plan, as well as any preparatory aspects of the individual training activities.

The modalities and verification of the compulsory attendance, where required, are established annually by the Degree Course when presenting the teaching program and made known to students before the start of lessons through the University Portal.

Art. 5 Flexible path

The attached didactic plan foresees the cases in which the training activities end with an exam with a mark out of thirty or with a judgment of suitability.

The methods of carrying out the tests (oral, written or practical form and any combinations thereof; individual or group tests) are established annually by the Degree Program when presenting the didactic program and made known to the students before the start of the lessons through the University Portal.

Art. 6 Verification tests of training activities

The student can indicate one or more training activities as educational activities independently chosen by the student:

- among those identified by the Degree Course Council and provided for in the attached teaching plan
- among those that the Degree Course Council identifies annually and makes known through the University Portal.

If the student intends to take an exam related to an activity

- not included among those identified by the Degree Program Board,

you must apply to the Course Council within the deadlines set annually and made known through publication on the University Portal.

The Board will evaluate the consistency of the choice with the student's educational path.

Art. 7 Criteria for recognizing credits acquired in Degree Programs of the same class

The university training credits acquired are recognized up to the amount of the credits of the same disciplinary scientific sector provided for by the didactic organization of the course of study, in compliance with the related scientific disciplinary fields and the type of training activities as long as they relate to courses taught entirely in English.

If, once the recognition has been made on the basis of the rules of this regulation, unused credits remain, the Degree Program Board can recognize them by evaluating the specific case on the basis of the didactic and cultural affinities.

Art. 8 Criteria for recognizing credits acquired in degree programs of different classes, at telematic universities and in foreign universities

The university credits acquired are recognized by the Degree Program Council on the basis of the following criteria:

- analysis of the program carried out

- evaluation of the congruity of the scientific disciplinary sectors and of the contents of the training activities in which the student has earned credits with the specific training objectives of the course of study and of the individual training activities to be recognized, while pursuing the aim of student mobility.

The recognition is carried out up to the amount of university training credits provided for by the didactic organization of the course of study, in compliance with the related scientific disciplinary areas and the type of training activities.

If, once the recognition has been made on the basis of the rules of this regulation, unused credits remain, the Degree Program Board can recognize them by evaluating the specific case on the basis of the didactic and cultural affinities.

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

Skills acquired outside the university can be recognized in the following cases:

- ☒ knowledge and professional skills certified in accordance with current legislation on the subject;
- ☒ knowledge and skills gained in post-secondary training activities which the University has contributed to the creation and design.

The request for recognition will be evaluated by the Degree Course Council considering the indications given by the Academic Bodies and the maximum number of recognizable credits set in the didactic organization of the course of study.

Recognition may take place if the activity is consistent with the specific training objectives of the course of study and the training activities that are recognized, also considering the content and duration in hours of the activity carried out.

Art. 10 Internship aimed at preparing the final exam or linked to a training project

The Degree Program, at the request of the student, may allow, with the procedures established by the General University Regulations for carrying out internships or by international mobility programs for internships, and in compliance with European Union regulations, the carrying out of an internship aimed at preparing the final exam / thesis or in any case connected to a training project aimed at refining the learning and training process.

These training experiences of a maximum duration of 12 months, which must be completed by the date of graduation, can be carried out by providing for the allocation of training credits:

- for activities chosen by the student that can also be configured as an internship;
- for additional activities whose credits exceed the number required for the achievement of the degree;
- for compulsory internship activities foreseen in the didactic plan.

Art. 11 Methods of carrying out the final exam

- Characteristics of the final exam

The final exam for the achievement of the master's degree consists in the preparation and public discussion of a thesis written and elaborated in English in an original way by the student on a topic consistent with the objectives of the course of study.

The dissertation must demonstrate mastery of the arguments, critical ability, the aptitude to operate independently and a good level of communication skills.

The final exam can be linked to a project or an internship activity.

- Methods of carrying out the final exam

The basic editorial rules for writing the thesis are as follows:

- pages of 32-35 lines, each of 65, 70 Times, Courier or Helvetica type characters;
- writing on the front and back (mandatory);
- figures and tables in UNI format (A4, A3); suitably sized container of the boards (A3 and correct thickness).

The final thesis allows to verify that the candidate is able to build a basic bibliography on the subject, to synthesize it and rework it in non-fiction form, in compliance with the editorial rules as well as to prove his level of learning with awareness, his critical thinking and independent in the elaboration of the topic. Finally, the discussion of the thesis allows to evaluate the communication skills and the readiness of the candidate in replying to any questions or comments of the commission. From this perspective, it is possible to deduce what the overall vision and awareness of the candidate's interdisciplinary connections and synergies are.

The starting grade is made up of the sum of:

- Weighted average of the exams taken calculated on a 110 basis;
- Any praise (+0.33 for each praise);
- Possible mileage bonuses (if any).

In determining the final grade, the Graduation Commission will evaluate the candidate's path as a whole: thesis, curriculum of completed studies, completion times of the university course, any transfers from another Course, applying specific rules.

The evaluation of the commission is expressed in one hundred and ten (110). In the event of a positive evaluation, the test is passed with a minimum score of 66/110 and a maximum of 110/110. In the event of a maximum vote, the Commission can grant honors on a unanimous decision.

The criteria for the evaluation of the thesis are:

- originality of the topic
- methodological correctness
- level of detail
- adequacy of the writing and drafting of the paper
- ability to exhibit and present the paper.

Having said this, the offices provide the commissions with a document, called graduation statino, which shows a starting average useful for the assessments of the teachers. With reference to the methods of calculating this average, several cases are distinguished:

1.1 - Previous regulations (before Ministerial Decree 509/99).

The average of all useful exams is calculated. In the case of transfers and / or passages, the average of all useful exams will include both the exams taken in the last course and those recognized in the course of origin. Languages supported after May 1997 do not go on average.

1.2 - New regulations (D.M. 509/99 and D.M. 270/04): degrees and specialist / master's degrees.

The average of the marks in the exams taken is calculated, weighted with respect to the relative credits.

0.33 (1/3 of a point) is added to the average expressed in one hundred and ten for each honors achieved.

The value resulting from the previous calculations is rounded to the nearest integer.

Each candidate is assigned a co-examiner, chosen by the course coordinator based on the topic of the paper from among the teachers belonging to the course faculty or external to it. The supervisors (academic and professional) are informed about the assignment of the examiner well in advance to allow the candidate to have the latter copy of the thesis available in good time.

The examiner takes part in the graduation session. Failing this, he must send his opinion on the thesis to the president of the commission (by letter or email). The letter or email must be sent to the person in the Bureau who is in charge of the graduation commissions and attached to the material that is delivered to the President of the commission.

As a rule, a minimum of 0 to a maximum of 6 points can be attributed to the defense of the thesis on the basis of a collegial decision between the members of the commission, academic / professional and counter-rapporteurs.

The need remains for the commission to express itself in favor unanimously for the award of honors.

Art. 12 Coherence between the credits assigned to the single training activities and the specific training objectives programmed

The Joint Teacher-Student Commission on 11/15/2021 expressed a favorable opinion pursuant to Article 12, paragraph 3 of Ministerial Decree 270/04.



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