

A.Y. 2023/2024

DEGREE PROGRAMME REGULATIONS

SCHOOL OF SCIENCE

***Second Cycle Degree Programme in - Low Carbon Technologies and Sustainable Chemistry
CLASS: LM-71 Scienza e Tecnologie per la Chimica Industriale & LM 75 Scienza e Tecnologie per
l'Ambiente e il Territorio.***

The choice of the degree class (LM71 or LM75) is performed at the enrollment, and it becomes definitive when the student enrolls on the second year of the course.

Training activities will take place in English.

Art. 1. Access to the Degree Course

1.1 Access requirements

Admission to the degree programme is subject to possessing a three-year university degree or diploma, or another suitable foreign degree. In addition, admission to the degree programme is subject to possessing curricular requirements and assessment of knowledge and skills.

The English language knowledge of level B2 is required.

Curricular requirements

Admission to the degree programme is reserved to candidates holding a 1st Cycle degree who possess at least one of the following requirements:

Requirement 1:

Candidates who graduated in Italy in one of the following Classes:

- ex D.M. 270: L-27 Scienze e Tecnologie Chimiche; L-32 Scienze e Tecnologie per l'Ambiente e la Natura;
- ex. D.M. 509/99: 21 Scienze e Tecnologie Chimiche; 27 Scienze e Tecnologie per l'Ambiente e la Natura;

OR

Requirement 2:

Candidates holding a degree in a different class from the ones specified in *Requirement 1* but having acquired the CFUs indicated in section 1.2 "Admission requirements".

Assessment of personal preparation

The requirement of the suitability of the student's knowledge is subject to evaluation of the personal preparation according to the rules defined in section 1.2 "Admission requirements".

1.2 Admission requirements

Candidates possessing Requirement 2 in section 1.1 must have overall acquired:

- at least 10 CFUs in the following subject areas: MAT/01-09 and FIS/01-08,

and

- at least 20 CFUs in the following subject areas: CHIM/01-12

and

- at least 30 CFUs in the subject areas BIO/01-19; GEO/01- 12; AGR/01-19 with at least 10 CFUs in each of two out of three different areas (BIO/01-19; GEO/01- 12; AGR/01-19).

Or

Candidates holding a foreign university degree must show a correspondence between their acquired competences and those indicated above (point 1 of section 1.2 “admission process”).

In addition to the curricular requirements above mentioned, for all the students, the admission depends on their personal preparation that will be assessed on a case by case basis.

The Master Degree Council establish sessions dedicated to the assessment of students’ personal preparation, according to the deadlines of the call for application of the scholarships and pre-registration procedures

If the Board considers sufficient the level of knowledge and skills of the candidate, it expresses a suitability judgment.

Assessment of language skills

Admission to the degree programme is subject to the assessment of knowledge and skills in the English language, to level B2.

The B2 level requirement of language knowledge and skills is considered fulfilled for students holding an equivalent language level certification.

Level B2 can be certified by the Language Centre of the University of Bologna (CLA-UNIBO) or internationally recognized language certifications (TOEFL, IELTS, etc.).

Native English students are exempt from producing this certification.

Art. 2. Individual study plans.

Students may choose from the courses available in the course structure diagram, within the deadlines indicated annually by the School and published on the University website.

The Master Degree Council assesses the study plans presented on the basis of their consistency with the Teaching Plan and the training objectives of the course, and verifies that the number of credits is not lower than the corresponding number provided by the official study plan.

Art. 3 Implementation of learning activities and types of teaching activities

The enclosed teaching plan indicates all the learning activities and their division into hours of classroom teaching, practical exercises or internship, as well as the type of teaching methods. Any further information will be published annually on the University website.

Art. 4 Attendance and preparatory activities

Compulsory attendance of the teaching activities is indicated in the attached teaching plan, together with any preparatory activities involved in the individual learning activities. The methods of compulsory attendance and any verification thereof are laid down annually in the study programme during the presentation of the teaching plan and are notified to the students prior to the start of the programme on the University website.

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 score out of 30 or by simple “pass” in the case of having acquired the relative competencies. The assessment methods (oral, written or practical exam or any combination thereof; individual or group exams) are laid down annually by the Degree Programme during the presentation of the teaching plan and notified to the students prior to the start of the programme on the University website.

Art. 6 Elective learning activities

The student may select one or more learning activities autonomously from those provided in the attached teaching plan. If the student intends to select a learning activity not provided in the teaching plan, he / she must apply to the Degree Council within the terms set out on an annual basis and made known through the publication on the University portal. The Council will assess the consistency of the choice with the student's training.

Art. 7 Criteria for the recognition of credits acquired in degree programmes in the same class

The acquired university credits are recognised up to the number of credits indicated for the same subject group laid down in the attached course structure diagram. If having recognised the credits according to the provisions of this regulation, there are unused residual credits, the Degree Council may recognise them by assessing the specific case in coherence with the teaching and cultural affinities, as long as concerning activities in English.

Art. 8 Criteria for the recognition of credits acquired within degree programmes in different classes, from telematic universities or international degree programmes

The acquired credits are recognised by the Degree Council according to the following criteria:

- - Analysis of the course contents
- - Assessment of the coherence of the subject area and the contents of the learning

activities in which the student has acquired the credits with the specific learning outcomes of the study programme and the individual learning activities to be recognised, in any case pursuing the aim of promoting student mobility.

The credits are recognised up to the maximum number of university credits provided for in the programme laid down in the attached course structure diagram. If having recognised

the credits according to the provisions of this regulation, there are unused residual credits, the Degree Council may recognise them by assessing the specific case in coherence with the teaching and cultural affinities, as long as concerning activities in English.

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

Competencies acquired outside of the university may be recognised in the following cases: ▪ professional knowledge and skills certified under the terms of the applicable laws; ▪ competences and skills acquired in post-graduate learning activities run or planned by the University.

The request for recognition shall be assessed by the Degree Council considering the indications of the academic bodies and the maximum number of recognisable credits laid down in the study programme Teaching Regulations.

This recognition is subject to the activities being coherent with the specific learning outcomes of the study programme and the learning activities which are recognised, also in consideration of the contents and duration in hours of the implemented activity.

Art. 10 Undergraduate internships for the purpose of the final examination, dissertation or in any case linked to a project aiming to develop learning and academic skills

At the request of the student, the Degree Council, following the procedures laid down in the University Regulations concerning internships and international mobility programmes, and in compliance with EU laws, may authorise an internship for the purposes of the final examination or preparing the dissertation or in any case linked to a project aiming to develop learning and academic skills.

These learning experiences shall not exceed 6 months and shall be completed by the date of graduation; for these activities learning credits may be awarded, which may be:

- - included in the quota for the final examination;
- - for internship activities included in the Teaching Plan;
- - for elective learning activities that can be configured as internship;
- - for additional activities whose credits are beyond the expected number of credits for the degree.

Students enrolled in the Climate-KIC curriculum in previous academic years are required to carry out an internship corresponding to 30 CFU. At least 15 CFU have to be carried out outside Italy, in a University or a Company) and at least 15 CFU have to be carried out in a Company. The internship activities will be employed for the preparation of the final thesis.

Art 11. Final examination methods

The final exam consists in the submission of a Thesis (original manuscript report) related to original experimental activities in the research fields that concern the Master Course. The thesis is discussed in front of a Commission designated by the Council of the Master Course.

The student must submit a request for the assignment of the Tutor and the Thesis topic having completed at least 45 credits. The experimental part of the Thesis can be carried out in a structure

of the University or in other external structures, even abroad. The Tutor asserts the congruity of the Thesis topic within the purpose of the Master Degree.

For the admission to the final exam, the student must have completed all the training credits of the Master course programme, except those reserved for the final exam.

Students enrolled in the Climate-KIC curriculum in previous academic years are required to choose a thesis topic among those envisaged by Climate-KIC.

Oral presentation and discussion take place in one of the three graduation sessions established for each academic year.

The Degree Council appoints the Commissions for final exam, and their Presidents, Commissions are made up of at least 4 members, chosen amongst the professors and researchers of the School and of Departments contributing to the Master Degree, and includes the Tutor of the thesis under discussion.

The Commission shall evaluate the candidate taking into account the curriculum and the completion of the final test. The rules for the award of the vote are established by the Degree Council and may be reviewed annually. The amended rules will come into effect from the summer session of the next academic year.

Art. 12 Correspondence between the credits assigned to each learning activity and the planned learning outcomes

On 15th December 2017, the “Commissione Paritetica” expressed a favourable opinion according to “Articolo 12 comma 3 del DM 270/04”.