



DIDACTIC REGULATIONS OF THE MASTER'S DEGREE PROGRAM IN STRUCTURAL AND GEOTECHNICAL ENGINEERING CLASS LM-23

School: Politechnics and Basic Sciences

Department: Structures for Engineering and Architecture

Regulations in force since the academic year 2026/2027

ACRONYMS

CCD	[Commissione di Coordinamento Didattico]	Didactic Coordination Commission
CdS	[Corso/i di Studio]	Degree Program
CFU	[Crediti Formativi Universitari = 1 ECTS]	University training credits
CPDS	[Commissione Paritetica Docenti-Studenti]	Joint Teachers-Students Committee
OFA	[Obblighi Formativi Aggiuntivi]	Additional Training Obligations
SUA-CdS	[Scheda Unica Annuale del Corso di Studio]	Annual single form of the Degree Program
RDA	[Regolamento Didattico di Ateneo]	University Didactic Regulations

INDEX

Art. 1	Object
Art. 2	Training objectives
Art. 3	Professional profile and work opportunities
Art. 4	Admission requirements and knowledge required for access to the Degree Program
Art. 5	Procedures for access to the Degree Program
Art. 6	Teaching activities and Credits
Art. 7	Description of teaching methods
Art. 8	Testing of training activities
Art. 9	Degree Program structure and Study Plan
Art. 10	Attendance requirements
Art. 11	Prerequisites and prior knowledge
Art. 12	Degree Program calendar
Art. 13	Criteria for the recognition of credits earned in other Degree Programs in the same Class.
Art. 14	Criteria for the recognition of credits acquired in Degree Programs of different Classes, in university and university-level Degree Programs, through single courses, at online Universities and in International Degree Programs; criteria for the recognition of credits acquired through extra-curricular activities.
Art. 15	Criteria for enrolment in individual teaching courses
Art. 16	Features and arrangements for the final examination
Art. 17	Guidelines for traineeship and internship
Art. 18	Disqualification of student status
Art. 19	Teaching tasks, including supplementary teaching, guidance, and tutoring activities
Art. 20	Evaluation of the quality of the activities performed
Art. 21	Final rules
Art. 22	Publicity and entry into force

Art. 1

Object

1. These Didactic Regulations govern the organisational aspCFU of the Master's Degree in Structural and Geotechnical Engineering (class LM-23). The CdS in Structural and Geotechnical Engineering is hinged in Civil Engineering, Department of Structures for Engineering and Architecture and is a course of study with an international character, as it also envisages a course of study entirely in English.
Name of the course in English: Structural and Geotechnical Engineering
Class: LM-23 – Civil Engineering
Course language: Italian and English
Course delivery methods: conventional study course
2. The CdS is governed by the Didactic Coordination Commission (CCD), pursuant to Art. 4 of the RDA.
3. Students enrolled in the Master's Degree Course in Structural and Geotechnical Engineering can join the interdisciplinary training project 'Minor IT - Smart Infrastructure Developer', which has been activated at the university as part of the inter-university 'Technologies of Transitions' project.
4. The Didactic Regulations are issued in compliance with the relevant legislation in force, the Statute of the University of Naples Federico II, and the RDA.
5. The CdS in Structural and Geotechnical Engineering has a training pathway leading to the award of a Double Degree in Civil Engineering (Instituto Superior Técnico – Lisboa, Portugal) and Master Degree in Structural and Geotechnical Engineering (University of Naples Federico II, Italy). The criteria for access to the dual Degree Program, the period of teaching activities abroad and the Table of Correspondence of Training Activities are annexed to these Didactic Regulations.

Art. 2

Training objectives

The Master's degree in Structural and Geotechnical Engineering aims to prepare master's graduates who are experts in the design and realisation of load-bearing structures of civil works and in the analysis of related geotechnical problems.

The fields of activity of the master's degree graduate are many. These include: residential and service buildings, industrial buildings and plants, road and railway infrastructure works (bridges, viaducts, tunnels, embankments), hydraulic works (dams and reservoirs), large sports facilities, maritime structures both coastal and offshore, surface and deep foundations, retaining structures, embankments in loose materials, underground constructions. The importance of fully guaranteeing the safety of the above-mentioned works, the wide diffusion of many of them, as well as the ever-increasing relevance and attention to seismic issues, with the related need for detailed risk forecasting for the design, consolidation and repair of the existing building heritage (dilapidated buildings, historical centres), create for the master's degree student a very broad and articulated field of intervention.

In the courses, therefore, the scientific basis and techniques for dealing with the problems of the sector will be provided. The student will be able to choose whether to specialise in a sector figure with a high level of knowledge, or to acquire a broader spectrum of skills useful for dealing with the demands of the world of work with sufficient flexibility. The master's graduate will be a conscious and critical professional figure, endowed with the necessary theoretical-scientific background, qualified to set up, carry out and manage even complex design activities, with strong planning and operational/management skills.

The curriculum is essentially divided into 9 CFU modules. The training pathway envisages eleven courses, seven of which, distributed between the two years, are tied to a specific SSD among those characterising the CdLM (Construction Science, Construction Technique, Geotechnics). Three of these seven are compulsory, in two cases it is possible to choose between two courses of the same SSD, in one case it is possible to choose between four courses of the same SSD, for the remaining teaching the choice is free within the teaching offer of the same SSD. In particular: 1) the first compulsory course, placed in the first semester of the first year, is related to the SSD Geotechnics and provides for the alternative between a course in Italian and the corresponding one in English; 2) the second compulsory course, placed in the first semester of the first year, is related to the SSD Construction Technique and, similarly to the previous one, provides for the alternative between a course in Italian and the corresponding one in English; 3) the third compulsory course, held in the second semester of the first year, relates to the Construction Science SSD and, like the previous ones, provides for the alternative between a course taught in Italian and the corresponding course taught in English; 4) one teaching, in the second semester of the first year, includes a choice between two courses in the Construction Technique SSD and the two corresponding courses in English; 5) one course, in the first semester of the second year, includes a choice between two courses in the Geotechnics SSD; 6) one course, in the first semester of the second year, includes a choice between four courses in the Construction Technique SSD; 7) one course, in the first or second semester of the second year, includes a choice between sixteen courses in the Construction Technique SSD, five of which are in English.

Of the four remaining courses (out of a total of eleven), three, one in the first semester of the first year, one in the second semester of the first year and the third in the second year, provide a choice between various non-compulsory (listed) courses in the SSD Geotechnics, Construction Science and Construction Techniques and the courses, also listed, relating to related and supplementary sectors. The fourth course (which falls under "Other activities - Student's choice") provides a choice from the wide range of courses indicated above, extended to any course that is congruent with the training pathway identified by the student himself, provided that it is submitted for approval to the didactic coordination committee. The didactic regulations of the course of study and the range of courses on offer will therefore be such as to enable students who so wish to follow courses in which an adequate number of credits in related and supplementary sectors that are not already characterising are present.

Ultimately, between the first and second year the student, through the use of the CFUs allocated to curricular training activities and those of autonomous choice, will be able to choose whether to specialise in a sectoral figure with a high level of knowledge, or to acquire a broader spectrum of skills useful for dealing with the demands of the world of work with sufficient flexibility. In any case, the specific training objectives are aimed at the formation of an accomplished cultural and professional figure, aimed at the world of work and characterised by a solid basic culture, a good culture in the fundamental application and a deeper culture in specific application and professional sectors of Civil Engineering. The majority of the courses described above, moreover, involve project-type activities and some of them contain operational/managerial content. As can be seen from the extensive description above, the course of study is not divided into specific curricula.

The Master Degree in Structural and Geotechnical Engineering is international in character, in that it also provides a course of study entirely in English (Master Degree in Structural and Geotechnical Engineering), which represents a different pathway for achieving the same specific educational objectives. This pathway is tabulated in the course regulations, so as to be clearly identifiable by the student, although it simply gathers together teachings that are substantially equivalent to those in Italian, some of which have already been mentioned above.

In particular, in the first semester of the first year there are two lectures from the Construction Technique SSD, in the second semester of the first year there are four lectures, two from the Geotechnics SSD, one from the Construction Science SSD and one from the Construction Technique SSD, in the first semester of the second year there are three lectures, one from the Construction Science SSD, one from the Construction Technique SSD and the third with the possibility of choosing either a lecture from the Construction Science SSD or one from the Construction Technique SSD; finally, in the second semester of the second year there are three courses, one of which is from the SSD Geotechnics, one from the SSD Construction Technology and the third with the possibility of choosing either a course from the SSD Construction Science or one from the SSD Construction Technology.

The English language pathway of the BSc aims to attract international students. This feature represents an important added value also for students of Italian nationality enrolled in this course, as they will be able to benefit from the advantages of their educational experience in a multi-cultural environment. The English-language course is geared more towards training an engineer destined to operate in a globalised market and ready to carry out his or her activities in international contexts. To this end, the participation of students in exchange programmes under the 'Erasmus Student Mobility for Studies', 'Erasmus Student Mobility for Placement', 'Erasmus Mundus External Cooperation Window' and those defined on the basis of specific international agreements with foreign universities is strongly encouraged.

Art. 3

Professional profile and work opportunities

Function in a work context

The graduate student in Structural and Geotechnical Engineering will be a conscious and critical professional figure, endowed with the necessary theoretical-scientific background, qualified to set up, carry out and manage even complex design activities, with strong planning and operational/management skills. The fields of intervention of the master's degree are many and include: housing and service buildings, industrial buildings and plants, road and railway infrastructures (bridges, viaducts, tunnels, embankments), hydraulic works (dams and reservoirs), large sports facilities, maritime structures both coastal and offshore, surface and deep foundations, retaining structures, embankments in loose materials, underground constructions. The importance of fully guaranteeing the safety of the above-mentioned works, the wide diffusion of many of them, as well as the ever-increasing relevance and attention to seismic issues and verifications against exceptional actions (fire, explosions, shocks) and extreme events (such as floods), with the related need for detailed risk forecasting for the design, consolidation and repair of the existing building heritage (dilapidated buildings, historical centres), create for the master's degree a very broad and articulated field of intervention.

Competences associated with the function

The Master's Degree Course in Structural and Geotechnical Engineering must provide the knowledge, skills and competences, including transversal ones, that, acquired during the course of studies, are habitually exercised in the work context, enabling the activities associated with the professional role to be performed. These skills concern, therefore, the design, control and the management of residential and service buildings, industrial buildings and plants, road and railway infrastructures, hydraulic works, large sports facilities, maritime structures, surface and deep foundations, retaining structures, embankments in loose materials, and underground

constructions. Fundamental are the skills in earthquake engineering, which include skills in the design, control and management of the consolidation and repair of existing buildings.

Employment opportunities

The main occupational outlets for the Master's degree in Structural and Geotechnical Engineering are:

- the liberal profession after passing the State Examination: according to current legislation, the master's degree holder may register in Section A of the Register of Engineers;
- professional firms and engineering companies operating in the design and construction of civil works;
- Public Authorities and Administrations (or with mixed participation), companies, enterprises, consortia and agencies in charge of the construction and management of civil works (e.g. State Railways, Motorway Company, ANAS, RFI, Ministry of Infrastructure and Sustainable Mobility, Ministry of the Interior, Civil Protection, Port Authorities, Regions, Provinces, Municipalities, Mountain Communities, etc);
- private companies, operating in the construction and civil infrastructure sectors;
- research facilities (universities, CNR, European Research Centres).

With specific reference to the ISTAT-ATECO 2007 classification of productive activities (version updated on 1 January 2009), potential occupational sectors are those corresponding to a multiplicity of activities included in sections C (Manufacturing activities), D (Electricity, gas, steam and air conditioning supply), E (Water supply; sewerage, waste management and remediation activities), F (Construction), H (Transport and storage) and P (Education) as well as in groups 71.12 (Engineering activities and other technical consultancy), 71.20 (Technical testing and analysis), 72.19 (Other research and experimental development activities in the field of natural sciences and engineering), 74.90.21 (Advice on occupational safety and hygiene), 84.12.30 (Regulation of the activities of project management bodies in the field of housing and land use and environmental protection), 84.13.1, (Regulation of affairs concerning fuels and energy), 84.13.3 (Regulation of affairs and services concerning extractive industries and mineral resources - except fuels - manufacturing industries, construction and public works except roads and navigation works).

Art. 4

Admission requirements and knowledge required for access to the Degree Program¹

For admission to the Master's Degree Course in Structural and Geotechnical Engineering (CdLM STReGA in the following) it is necessary to be in possession of a degree, or of another qualification obtained abroad that is recognised as suitable. The curricular requirements for admission are - as a rule - automatically possessed by graduates of degree courses in class no. 8 in Civil and Environmental Engineering pursuant to Ministerial Decree 509/99 and degree courses in class L-7 in Civil and Environmental Engineering pursuant to Ministerial Decree 270/04. For enrolment in the Master's Degree Course in Structural and Geotechnical Engineering, in compliance with Art. 6 paragraph 2 of Italian Ministerial Decree 270/04 and in accordance with the procedures that are defined in the Course Regulations, specific access criteria are envisaged concerning the possession of curricular requirements (in terms of specific CFUs obtained in sets of SSDs) and the compulsory verification of the adequacy of the student's personal preparation.

¹ Artt. 7, 13, 14 of the University Didactic Regulations.

1.1 Curricular requirements

To be admitted to the Master's Degree Course in Structural and Geotechnical Engineering (STReGA in the following), one must hold a university degree or another qualification obtained abroad that is recognised as suitable. The curricular requirements for admission are - as a rule - automatically possessed by graduates of the degree courses of class no. 8 in civil and environmental engineering pursuant to Ministerial Decree 509/99 and the degree courses of class L-7 in civil and environmental engineering pursuant to Ministerial Decree 270/04 who have followed the generalist or passing curriculum. Enrolment on the course is not permitted if more than 27 CFUs of the minimum curricular requirements specified in the following table are lacking.

SSD – Scientific Disciplinary Sector	Minimum CFU
MATH/02, MAT/03	18
PHYS-01/03???	6
CEAR-01/A, CEAR-01/B	9 (*)
CEAR-03/A, CEAR-03/B	9
CEAR-05	9 (**)
MATH-04, CEAR-06	18
CEAR-07	15
CEAR-04, CEAR-08, CEAR-10	9

(*) Students who have already completed 6CFU in SSD CEAR-01/A and CEAR-01/B can make up for it with a 3CFU Supplementary Colloquium in SSD CEAR-01/A.

(**) Students who have already completed 6 CFU in SSD CEAR-05 can make up for it with a 3 CFU Supplementary Colloquium in SSD CEAR-05.

Graduates who do not meet these requirements for an overall difference not exceeding 27 CFU will be allowed to propose, as part of the 120 CFU envisaged for the Master's degree, an educational pathway that envisages the passing of examinations of the degree course such as to compensate for the existing deficiencies highlighted by the failure to meet the minimums in the table.

If the entry requirements for the Master's Degree Course relating to the student's curricular requirements are not met, it is compulsory to make curricular integrations in excess of the aforementioned 27 CFU. Should these integrations correspond to a relatively limited number of credits (max 18 CFU), they will be agreed with the Study Plan Committee and included in the study plan that will provide more than 120 CFU for the Master's Degree. If, on the other hand, the additional integrations requested exceed the above-mentioned limit, the corresponding credits must necessarily be acquired prior to enrolment in the Master's Degree Course, pursuant to Article 6, paragraph 1 of the Ministerial Decree of 16 March 2007 (Decree of Institution of the Classes of the Master's Degrees); in this case, the integrations may be made, depending on the case, by enrolling in individual courses of study activated by the University's Courses of Study pursuant to Article 20, paragraph 6 of the University's Teaching Regulations. 20, paragraph 6, of the University Teaching Regulations, or by enrolling in the University's Civil

Engineering Degree Course with an abbreviated course and assignment of a Study Plan that includes the curricular integrations required for enrolment in the Master's Degree Course.

The Didactic Coordination Commission of the Degree Course in Civil Engineering, possibly availing itself of a special preliminary commission, assesses the curricular requirements possessed by the candidate and recognises the credits in whole or in part.

1.2 Verification of student's personal preparation

Verification of the fulfilment of the requirements relating to the student's personal preparation will be carried out, exclusively for students enrolled after 1 September 2011, on the basis of the average M of the marks (in thirtieths) obtained in the proficiency examinations for the degree, weighted on the basis of the relative consistencies in CFUs, as well as the duration of studies $D1$ expressed in course years, compared with the normal duration $D2$ of the course. The criteria for the student's automatic admission to Master's Degree Courses is established according to the following table.

AUTOMATIC ADMISSION CRITERIA		
$D1=D2$	$D1=D2+1$	$D1\geq D2+2$
$M\geq 21$	$M\geq 22.5$	$M\geq 24$

In the presence of applications for admission to the Master's Degree Course from students who do not meet the criteria for automatic admission, the relevant Academic Coordination Committee examines the applications on the basis of the curriculum acquired and, in the event of a positive assessment, prepares supplementary assessment procedures to verify the personal preparation of these students. The assessment may provide for the identification of a training debt and the consequent allocation of an Additional Training Obligation (OFA), the procedures for the extinction of which are regulated (DP 18 of 12 February 2015).

1.3 Knowledge of English

Graduates of the Master's program in Structural and Geotechnical Engineering must be able to use at least one European Union language other than Italian—specifically English—fluently in both written and oral communication, with proficiency equivalent to level B2.

To this end, the program includes 1 credit hour of additional language training.

It is recommended that students meet this requirement at the start of the program: upon enrollment, students may submit appropriate certification of B2-level English proficiency, which will be reviewed and, if applicable, recognized by the Program Committee. In the absence of such certification, the student may take a test at the CLA (University Language Center) to assess B2-level proficiency. If the test result is negative, the student may take a “tailored” course with a final exam, also organized by the CLA, to verify attainment of the B2 level of English proficiency.

Art. 5

Procedures for access to the Degree Program (CdS)

1. The CCD of the Degree Program normally regulates the admission criteria and any scheduling of enrolments, except in cases subject to different provisions of law².
2. Verification of personal preparation is always mandatory, and only students who meet the curricular requirements can access it.
3. The Decree issued by the Scuola Politecnica e delle Scienze di Base (DP no. 18 of 12/02/2015) governs the criteria for admission to Master's Degree Courses. In the event that the criteria for automatic admission are not met, the relevant Teaching Coordination Committee examines applications on the basis of the curriculum followed, and in the event of a positive assessment, prepares supplementary assessment methods for verifying the personal preparation of such students.

Art. 6

Teaching activities and university training credit (Teaching activities and CFU)

Each training activity, prescribed by the CdS detail sheet, is measured in CFU. Each CFU corresponds to 25 hours of overall training commitment³ per student and includes the hours of teaching activities specified in the curriculum as well as the hours reserved for personal study or other individual training activities.

For the Degree Program covered by this Didactic Regulations, the hours of teaching specified in the curriculum for each CFU, established in relation to the type of training activity, are as follows ⁴:

- Lecture or guided teaching exercises: 8 hours per CFU.
- Seminar: 4-8 hours per CFU.
- Laboratory activities or fieldwork: 8 hours per CFU.

For internship activities, each credit corresponds to 25 hours of overall training commitment⁵.

The CFU corresponding to each training activity acquired by the student is awarded by satisfying the assessment procedures (examination, pass mark) indicated in the Course sheet relating to the course/activity attached to these Didactic Regulations.

Art. 7

Description of teaching methods

The didactic activity is carried out in conventional modality.

If necessary, the CCD decides which courses also include teaching activities offered online.

Some courses may also take place in seminar form and/or involve classroom exercises, language, and computer laboratories.

Detailed information on how each course is conducted can be found in the course sheets.

² National programmed access is regulated by L. 264/1999 and subsequent amendments and supplements.

³ According to Art. 5, par. 1 of Italian Ministerial Decree No 270/2004, "25 hours of total commitment per student correspond to university training credits; a ministerial decree may justifiably determine variations above or below the aforementioned hours for individual classes, by a limit of 20 per cent".

⁴ The number of hours considers the instructions in Art. 6, par. 5 of the RDA: "of the total 25 hours, for each CFU, are reserved: a) 5 to 10 hours for lectures or guided teaching exercises; b) 5 to 10 hours for seminars; c) 8 to 12 hours for laboratory activities or fieldwork, except in the case of training activities with a high experimental or practical content, and subject to different legal provisions or different determinations by DD.MM."

⁵ For Internship activities (Inter-ministerial Decree 142/1998), subject to further specific provisions, the number of working hours equal to 1 CFU may not be less than 25.

Art. 8

Testing of training activities⁶

1. The CCD, within the prescribed regulatory limits⁷, establishes the number of examinations and other means of assessment that determine the acquisition of credits. Examinations are individual and may consist of written, oral, practical, graphical tests, term papers, interviews, or a combination of these modes.
2. The examination procedures published in the course sheets and the examination schedule will be made known to students before the start of classes on the Department's website.⁸
3. Examinations are held subject to booking, which is made electronically. In case the student is unable to book an exam for reasons that the President of the Board considers justifiable, the student may still be admitted to the examination, following those students already booked.
4. Before examination, the President of the Board of Examiners verifies the identity of the student, who must present a valid photo ID.
5. Examinations are marked out of 30. Examinations involving an assessment out of 30 shall be passed with a minimum mark of 18; a mark of 30 may be accompanied by honours by a unanimous vote of the Board. Examinations are marked out of 30 or with a simple pass mark. Assessments following tests other than examinations are marked out with a simple pass mark.
6. Oral exams are open to the public. If written tests are scheduled, the candidate has the right to see his/her paper(s) after correction.
7. The University Didactic Regulations govern Examination Boards⁹.

Art. 9

Degree Program structure and Study Plan

1. The legal duration of the Degree Program is 2 years.
The student must acquire 120 CFU¹⁰, attributable to the following Types of Training Activities (TAF):

⁶ Article 22 of the University Didactic Regulations.

⁷ Pursuant to the DD.MM. 16.3.2007 in each Degree Programs the examinations or profit tests envisaged may not be more than 20 (Bachelor's Degrees; Art. 4. par. 2), 12 (Master's Degrees; Art. 4, par. 2), 30 (five-year -cycle Degrees) or 36 (six-year single-cycle Degrees; Art. 4, par. 3). Pursuant to the RDA, Art. 13, par. 4, "the assessments that constitute an eligibility evaluation for activities referred to in Art. 10, par. 5, letters c), d), and e) of Ministerial Decree no. 270/2004, including the final examination for obtaining the degree, are excluded from the calculation." For Master's Degree Program and single-cycle Master's Degree Program, however, pursuant to the RDA, Art. 14, par. 7, "the assessments that constitute a progress evaluation for activities referred to in Art. 10, par. 5, letters d) and e) of Ministerial Decree no. 270/2004 are excluded from the exam count; the final examination for obtaining the Master's Degree and single-cycle Master's Degree is included in the maximum number of exams".

⁸ Reference is made to Art. 22, par. 8, of the University Teaching Regulations, which states that "the Department or School ensures that the dates for progress assessments are published on the portal with reasonable advance notice, which normally cannot be less than 60 days before the start of each academic period, and that an adequate period of time is provided for exam registration, which is generally mandatory."

⁹ Reference is made to Art. 22, paragraph 4 of the RDA according to which "Examination Boards and other assessments committees are appointed by the Director of the Department or by the President of the School when provided for in the School's Regulations. This function may be delegated to the CCD Coordinator. The Commissions comprise of the President and, if necessary, other professors or experts in the subject. In the case of active courses, the President is the course instructor, and in such cases, the Board can validly make decisions even in the presence of the President alone. In other cases, the President is a professor identified at the time of the Board's appointment. In the comprehensive evaluation of the overall performance at the conclusion of an integrated course, the professors in charge of the coordinated modules participate, and the President is appointed when the Commission is appointed."

¹⁰ The total number of CFU for the acquisition of the relevant degree must be understood as follows: six-year single-cycle Degree, 360 CFU; five-year single-cycle Degree, 300 CFU; Bachelor's Degree, 180 CFU; Master's Degree, 120 CFU.

- B) characterising,
 - C) related or complementary,
 - D) at the student's choice¹¹,
 - E) for the final exam,
 - F) further training activities.
2. The degree is awarded after having acquired 120 CFU by passing examinations, not exceeding 12, including the final examination and the performance of other training activities.
Unless otherwise provided for in the legal framework of University studies, examinations taken as part of basic, characterising, and related or supplementary activities, as well as activities chosen autonomously by the student (TAF D) are taken into consideration for counting purposes. Examinations or assessments relating to activities independently chosen by the student may be taken into account in the overall calculation corresponding to one unit¹². Tests constituting an assessment of suitability for the activities referred to in Article 10, paragraph 5, letters d) and e) of Ministerial Decree 270/2004¹³ are excluded from the count. Integrated Courses comprising of two or more modules are subject to a single examination.
 3. In order to acquire the CFU relating to independent choice activities, the student is free to choose among all the Courses offered by the University, provided that they are consistent with the training project. This consistency is assessed by the Didactic Coordination Commission. Also, for the acquisition of the CFU relating to autonomous choice activities, the "passing the exam or other form of profit verification" is required (Art. 5, par. 4 of Ministerial Decree 270/2004).
 4. The study plan summarises the structure of the Degree Program, listing the envisaged teachings broken down by course year and, in case, by curriculum. At the end, the propedeuticities envisaged by the Degree Program are listed. The study plan offered to students, with an indication of the scientific-disciplinary sectors and the area to which they belong, of the credits, of the type of educational activity, is set out in Annex 1 to these Didactic Regulations.
 5. Acknowledgement of training activities carried out as part of interdisciplinary Minor IT training courses: Students enrolled in the Master's Degree Course in Structural and Geotechnical Engineering may participate in the interdisciplinary training project "Minor IT - Smart Infrastructure Developer" activated at the University as part of the inter-university project-guide "Technologies of Transitions". The Minor is obtained by acquiring at least 30 CFUs of dedicated training activities, of which 12 CFUs are normally extra-curricular.
 6. Pursuant to Art. 11, paragraph 4-bis, of Ministerial Decree 270/2004, it is possible to obtain the Degree according to an individual study plan that also includes educational activities different

¹¹ Corresponding to at least 12 CFU for Bachelor's Degrees and at least 8 CFU for Master's Degrees (Art. 4, par. 3 of Ministerial Decree 16.3.2007).

¹² Pursuant to the D.M. 386/2007.

¹³ Art. 10, par. 5 of Ministerial Decree. 270/2004: "In addition to the qualifying training activities, as provided for in paragraphs 1, 2 and 3, Degree Programs shall provide for: a) training activities autonomously chosen by the student as long as they are consistent with the training project [TAF D]; b) training activities in one or more disciplinary fields related or complementary to the basic and characterising ones, also with regard to context cultures and interdisciplinary training [TAF C]; c) training activities related to the preparation of the final exam for the achievement of the degree and, with reference to the degree, to the verification of the knowledge of at least one foreign language in addition to Italian [TAF E]; d) training activities, not envisaged in the previous points, aimed at acquiring additional language knowledge, as well as computer and telematic skills, relational skills, or in any case useful for integration in the world of work, as well as training activities aimed at facilitating professional choices, through direct knowledge of the job sector to which the qualification may give access, including, in particular, training and guidance programs referred to in Decree no. 142 of 25 March 1998 of the Ministry of Labour [TAF F]; e) in the hypothesis referred to in Article 3, paragraph 5, training activities relating to internships and apprenticeships with companies, public administrations, public or private entities including those of the third sector, professional orders and colleges, on the basis of appropriate agreements".

from those specified in the Didactic Regulations, as long as they are consistent with the CdS detail sheet of the academic year of enrollment. The individual study plan is approved by CCD.

Art. 10

Attendance requirements¹⁴

1. In general, attendance of lectures is compulsory. In particular, for courses that include laboratory activities, attendance of at least 70% of them is a prerequisite for access to assessment.
2. For courses in which the profit assessment includes in itinere assessments, with tests to be taken during the course of the course, the prerequisite for assessment is having taken at least 70% of the tests,
3. If the lecturer envisages a different syllabus modulation for attending and non-attending students, this is indicated in the individual Course details published on the CdS web page and on the teacher's UniNA website.
4. Attendance at seminar activities that award training credits is compulsory. The relative modalities for the attribution of CFU are the responsibility of the CCD.
5. For certain educational activities, the Study Course Council may establish, in addition to the conventional mode, the activation of distance teaching modes (teledidactics). Students wishing to make use of distance teaching tools must submit an application, which will be assessed by the Teaching Coordination Committee. A student whose request to use distance teaching tools has been favourably received is exempt from the attendance obligations referred to in the previous paragraph, which will be replaced by appropriate and suitable verification of the activities carried out by him in remote mode. It is understood that the profit examinations take place in presence.

Art. 11

Prerequisites and prior knowledge

1. The list of incoming and outgoing propedeutics (necessary to sit a particular examination) can be found at the end of Annex 1 and in the teaching/activity course sheet (Annex 2).
2. Any prior knowledge deemed necessary is indicated in the individual Teaching Schedule published on the course webpage and on the teacher's UniNA website.

Art. 12

Degree Program Calendar

The Degree Program calendar can be found on the Department's website well before the start of the activities (Art. 21, par. 5 of the RDA).

Art. 13

Criteria for the recognition of credits earned in other Degree Programs in the same Class¹⁵

For students coming from Degree Programs of the same Class, the Didactic Coordination Commission ensures the full recognition of CFU, when associated with activities that are culturally compatible with the training Degree Program, acquired by the student at the originating Degree Program, according to the criteria outlined in Article 14 below. Failure to recognise credits must be adequately justified. It is without prejudice to the fact that the number of credits relating to the

¹⁴ Art. 22, par. 10 of the University Didactic Regulations.

¹⁵ Art. 19 of the University Didactic Regulations.

same scientific-disciplinary sector directly recognised by the student may not be less than 50% of those previously achieved.

Article 14

Criteria for the recognition of credits acquired in Degree Programs of different classes, in university or university-level Degree Programs, through single courses, at online Universities and in international Degree Programs¹⁶; criteria for the recognition of credits acquired in extra-curricular activities

1. With regard to the criteria for the recognition of CFU acquired in Degree Programs of different Classes, in university or university-level Degree Programs, through single courses, at online Universities and in International Degree Programs, the credits acquired are recognised by the CCD on the basis of the following criteria:

- analysis of the activities carried out;
- evaluation of the congruity of the disciplinary scientific sectors and of the contents of the training activities in which the student has earned credits with the specific training objectives of the Degree Program and of the individual training activities to be recognised.

Recognition is carried out up to the number of credits envisaged by the didactic system of the Degree Program. Failure to recognise credits must be adequately justified. Pursuant to Art. 5, par. 5-bis, of Ministerial Decree 270/2004, it is also possible to acquire CFU at other Italian universities on the basis of agreements established between the concerned institutions, in accordance with the regulations current at the time ¹⁷.

2. Any recognition of CFU relating to examinations passed as single courses may take place within the limit of 36 CFU, upon request of the interested party and following the approval of the CCD. Recognition may not contribute to the reduction of the legal duration of the Degree Program, as determined by Art. 8, par. 2 of Ministerial Decree 270/2004, except for students who enrol while already in possession of a degree of the same level¹⁸.

3. With regard to the criteria for the recognition of CFU acquired in extra-curricular activities, pursuant to Art. 3, par. 2, of Ministerial Decree (D.M.) 931/2004, within the limit of 48 CFU (Bachelor's Degrees and single-cycle Master's Degrees), or 24 CFU (Master's Degrees), the following activities may be recognised (Art. 2 of D.M. 931/2004):

- Professional knowledge and skills, certified in accordance with the current regulations as well as knowledge and skills acquired in post-secondary-level training activities.
- Training activities carried out in the cycles of study at the public administration training institutions as well as knowledge and skills acquired in post-secondary-level training activities, which the University contributed to developing and implementing.
- Achievement of an Olympic or Paralympic medal or the title of absolute world champion, absolute European champion or absolute Italian champion in disciplines recognized by the Italian National Olympic Committee or the Italian Paralympic Committee.

Art. 15

Criteria for enrolment in individual teaching courses

¹⁶ Art. 19 and Art. 27, par. 6 of the University Didactic Regulations.

¹⁷ Art. 6, par. 9 of the University Didactic Regulations.

¹⁸ Art. 19, par. 4 of the University Didactic Regulations.

Enrolment in individual teaching courses, provided for by the University Didactic Regulations¹⁹, is governed by the "University Regulations for enrolment in individual teaching courses activated as part of the Degree Program"²⁰.

Article 16

Features and modalities for the final examination

The final examination consists of the discussion of a dissertation written by the student in an original manner under the guidance of one or more lecturers, at least one of whom is a professor at the University of Naples Federico II.

The Master's thesis consists of the drafting of a project or the execution of a study of a monographic, theoretical and/or experimental nature, consistent with the topics developed in the Structural and Geotechnical Engineering Master's degree course and which may also be coordinated with internship activities.

The dissertation may also be written in English, especially if the work was carried out as part of research projCFU or internationalisation programmes.

The final examination is taken by the candidate before a committee chaired by the Course Coordinator and consists of the presentation of the work carried out under the guidance of a lecturer and subsequent discussion with the members of the committee.

The candidate is allowed to make use of an audio-visual medium, to be projected publicly, or, alternatively, to draw up a summary booklet, to be handed in as a copy to each member of the Commission.

At the end of the presentation, each lecturer may address remarks to the candidate relating to the topic of the thesis work. The presentation normally lasts 15 minutes.

The Didactic Coordination Commission resolves on the guidelines for calculating the graduation grade.

Article 17

Guidelines for traineeship and internship

1. Students enrolled in the Degree Program may decide to carry out internships or training periods with organisations or companies that have an agreement with the University. Traineeship and internship are compulsory and contribute to the award of credits for the other training activities chosen by the student and included in the study plan, as provided for by Art. 10, par. 5, letters d) and e), of Ministerial Decree 270/2004²¹.
2. The CCD regulates the modalities and characteristics of traineeship and internship with specific regulations.
3. The University of Naples Federico II, through Job Service portal, ensures constant contact with the world of work to offer students and graduates of the University concrete opportunities for internships and work experience and to promote their professional integration.

¹⁹ Art. 19, par. 4 of the University Didactic Regulations.

²⁰ R.D. No. 348/2021.

²¹ Traineeships ex letter d) can be both internal and external; traineeships ex letter e) can only be external.

Article 18

Disqualification of student status²²

A student who has not taken any examinations for eight consecutive academic years incurs forfeiture unless his/her contract stipulates otherwise. In any case, forfeiture shall be notified to the student by certified e-mail or other suitable means attesting to its receipt.

Article 19

Teaching tasks, including supplementary teaching, guidance, and tutoring activities

1. Professors and researchers carry out the teaching load assigned to them in accordance with the provisions of the RDA and the Regulations on the teaching and student service duties of professors and researchers and on the procedures for self-certification and verification of actual performance²³.
2. Professors and researchers must guarantee at least two hours of reception every 15 days (or by appointment in any case granted no longer than 15 days) and, in any case, guarantee availability by e-mail.
3. The tutoring service has the task of orienting and assisting students throughout their studies and of removing the obstacles that prevent them from adequately benefiting from attending courses, also through initiatives tailored to the needs and aptitudes of individuals.
4. The University ensures guidance, tutoring and assistance services and activities to welcome and support students. These activities are organised by the Schools and/or Departments under the coordination of the University, as established by the RDA in Article 8.

Article 20

Evaluation of the quality of the activities performed

1. The Didactic Coordination Commission implements all the quality assessment forms of teaching activities envisaged by the regulations in force according to the indications provided by the University Quality Presidium.
2. In order to guarantee the quality of teaching to the students and to identify the needs of the students and all stakeholders, the University of Naples Federico II uses the Quality Assurance (QA)²⁴ System, developed in accordance with the document "Self-evaluation, Evaluation and Accreditation of the Italian University System" of ANVUR, using:
 - surveys on the degree of placement of graduates into the world of work and on post-graduate needs;
 - data extracted from the administration of the questionnaire to assess student satisfaction for each course in the curriculum, with questions relating to the way the course is conducted, teaching materials, teaching aids, organisation, facilities.

The requirements deriving from the analysis of student satisfaction data, discussed, and analysed by the Teaching Coordination Committee and the Joint Teachers' and Students' Committee (CPDS), are included among the input data in the service design process and/or among the quality objectives.

²² Art. 24, par. 5 of the University Didactic Regulations.

²³ R.D No. 2482//2020.

²⁴ The Quality Assurance System, based on a process approach and adequately documented, is designed in such a way as to identify the needs of the students and all stakeholders, and then translate them into requirements that the training offer must meet.

3. The QA System developed by the University implements a process of continuous improvement of the objectives and of the appropriate tools to achieve them, ensuring that planning, monitoring, and self-assessment processes are activated in all the structures to allow the prompt detection of problems, their adequate investigation, and the design of possible solutions.

Article 21

Final Rules

The Department Council, on the proposal of the CCD, submits any proposals to amend and/or supplement these Rules for consideration by the Academic Senate.

Article 22

Publicity and Entry into Force

1. These Rules and Regulations shall enter into force on the day following their publication on the University's official notice board; they shall also be published on the University website. The same forms and methods of publicity shall be used for subsequent amendments and additions.
2. Annex 1 (CdS structure) and Annex 2 (Teaching/Activity course sheet) are integral parts of this Didactic Regulations.
3. Annex 3 (Criteria for access to the Double Degree Program and the period of teaching activities abroad) and Annex 4 (Table of correspondence of teaching activities) are also integral parts of this Didactic Regulations.