

ACADEMIC REGULATIONS MASTER'S DEGREE PROGRAM in CONSTRUCTION MANAGEMENT AND SAFETY

CLASS LM-26 R – Safety Engineering

COHORT 2025-2026

Approved by the Academic Senate in the session of

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1. GENERAL INFORMATION

1.1 Department: Department of Civil Engineering and Architecture Associated Department (if any): None

1.2 Degree Class: LM-26R – Safety Engineering

1.3 Teaching Location: Via Santa Sofia, 64 – 95123 Catania, University Campus

1.4 Governing Bodies of the Master's Degree Program in Construction Management and Safety

The degree program is governed by a council composed of the program's faculty members and student representatives elected according to the procedures set forth in Title VII, Chapter C, and subsequent articles of the current University Electoral Regulations.

The Degree Program Council (CdL) exercises the functions provided for by the University Statute and is coordinated by a Chairperson elected by the Council, pursuant to Article 20 of the Statute and in accordance with the procedures outlined in Title VII, Chapter C, and following articles of the current University Electoral Regulations.

Within the CdL Council, a **Quality Assurance Management Group (GGAQ)** is established, chaired by the Chair of the degree program or their delegated Quality Assurance Officer, two additional faculty members, one student representative, and one administrative staff member.

1.5 Reference Professional Profiles:

Role in a Work Context:

The main functions of the professional figures trained at the end of the degree program include the optimization of management processes, innovation and development of production, advanced design, planning, programming, and management of complex systems involving works, infrastructure, and public services. Additionally, graduates should be capable of managing the monitoring and maintenance of existing structures to ensure their safety and functionality during operation.

Skills Associated with the Role:

The main skills provided and applicable in the early years of employment include:

- Procedures for the management of public procurement;
- Methods and tools for managing safety in the construction process;
- Digital project management through BIM;
- Methods and techniques for project management;
- Methodologies for assessing and defining technical specifications and costs of components and systems;
- Methodologies for the control of production processes;
- Methodologies and tools for monitoring and evaluating the safety conditions of structures and infrastructures;
- Methodologies and tools for performing measurements, tests, and verifications;
- Methodologies and tools for the management of transport infrastructure;
- Methodologies and tools for the management of hydraulic and maritime works;
- Methods for infrastructure planning;
- Methodologies and tools for procurement management.

Career Opportunities:

Graduates of the Master's Degree Program will be trained to fill roles such as site manager, project manager, construction manager, infrastructure and service manager, etc.

The main employment opportunities include:

Construction companies, monitoring and maintenance service companies. Graduates may also access technical departments within public administration dedicated to public procurement and the development of major infrastructure projects.

The program prepares students for the following professions (ISTAT codes):

- 1. Civil and Environmental Engineers (2.2.1.6.1)
- 2. Industrial and Management Engineers (2.2.1.7.0)

1.6 Course Admission:

Open admission

☐ National restricted admission

☐ Local restricted admission with entrance test

1.7 Language of Instruction: Courses are taught in English

1.8 Program Duration: Two years (biennial)

1.9 Degree Awarding: The degree is awarded upon completion of at least 120 ECTS credits (108 ECTS for coursework + 12 ECTS for the final thesis).

1.10 Academic Regulations:

The academic regulations of the degree program, including the general framework of the educational activities, are outlined in Article 5 of these Regulations, in accordance with the schemes defined by Ministerial Decrees and in compliance with ANVUR guidelines.

2. ADMISSION REQUIREMENTS

2.1 Educational Qualification:

A degree pursuant to Ministerial Decree 509/1999 or 270/2004 obtained at an Italian university, a three-year University Diploma as per Law No. 341 of November 19, 1990, or any other qualification, including foreign qualifications, recognized as suitable by the Degree Program Board.

Admission to the Master's Degree Program in *Construction Management and Safety* is subject to the possession of predefined curricular requirements and the successful completion of an assessment of personal academic preparation.

Candidates eligible to enroll in the program must meet the admission requirements described in Article 2 of the admission procedures, including:

- a) Holding one of the following qualifications:
 - A Bachelor's Degree/University Diploma of at least three years, or having obtained at least 180 ECTS credits in the degree classes of Industrial Engineering (Class L-9) or Civil Engineering (Class L-7), or another qualification, including those obtained abroad, deemed suitable by the Degree Program Board;
 - Knowledge of English at a minimum B2 level.

2.2 Non-EU Applicants Residing Abroad with a Foreign Qualification:

A foreign qualification recognized as suitable in accordance with current regulations. All international students are subject to the provisions outlined in the "Procedures for the admission of foreign/international students to higher education courses in Italy", available at www.studiare-in-italia.it.

For non-EU students, admission is governed by the University's official call "Public Selection for the Admission of Non-EU Students Residing Abroad", available at:

 $\underline{https://www.unict.it/it/corsi-numero-programmato/2025-2026/public-selection-admission-non-eu-students-living-abroad-english}$

Applicants with foreign qualifications may use the services dedicated to international students provided by the University of Catania.

2.3 Curricular Requirements:

Access to the Master's Degree in *Construction Management and Safety* requires a degree in Civil Engineering (Class L-7) or Industrial Engineering (Class L-9), or another degree, including a foreign one, recognized as suitable by the Degree Program Board.

2.4 Admission Exams and Assessment of Academic Preparation:

The required knowledge and competencies for enrollment—as well as English language proficiency (not lower than B2 according to the Common European Framework)—will be assessed by a Committee through the evaluation of the applicant's curriculum and an individual interview.

To allow admission of candidates from academic backgrounds not fully aligned with the required prerequisites, an interview will verify the knowledge and skills needed for enrollment. The interview will cover basic topics relevant to the core academic areas of the degree program.

During the same interview, English language proficiency will also be assessed and must not be below the B2 level. The examining committee consists of three tenured professors, as defined in the University call for applications.

2.5 Credit Recognition from Other Degree Programs:

The Degree Program Board will decide on the full or partial recognition of credits acquired in another university or another degree program if the course content is consistent with the current academic curriculum.

For students coming from degree programs within the same class (LM-26 – Safety Engineering), the number of credits in the same academic subject area directly recognized cannot be less than 50% of the credits previously earned.

Courses already used to earn university credits in a Bachelor's Degree Program may not be recognized again for credit in a Master's Degree Program, Integrated Master's Degree Program, or another degree course.

2.6 Recognition of Certified Professional Knowledge and Skills or Other Post-Secondary Education:

Certified professional knowledge and skills, if properly documented and consistent with the academic program, may be recognized for up to **9 ECTS credits** as "Other educational activities." Knowledge and skills acquired through post-secondary training activities are recognized only if related to activities previously communicated to the Degree Program Board. Recognition is subject to a specific resolution.

Credits already used toward a Bachelor's Degree cannot be reused for recognition in a Master's Degree, Integrated Master's Degree, or other degree programs.

2.7 Recognition of ECTS Credits from Training Activities Conducted in Public Administration or Other Post-Secondary Training Involving the University:

Knowledge and skills acquired through study cycles in public administration training institutions or other post-secondary training activities involving the university will only be recognized if related to activities that the Degree Program Board has been informed of in advance. Recognition is subject to a specific resolution.

Activities already recognized for credit in a Bachelor's Degree cannot be recognized again in a Master's or Integrated Master's Degree.

2.8 Recognition of ECTS Credits for Olympic or Paralympic Medalists, or National/European/World Champions in Disciplines Recognized by CONI or CIP:

Recognition is governed by a specific resolution of the Degree Program Board (CdS).

Credits already used in a Bachelor's Degree cannot be reused in a Master's or Integrated Master's Degree Program.

2.9 Maximum Number of Recognizable Credits (Sections 2.6, 2.7, 2.8):

24 ECTS credits (as per Ministerial Decree No. 931 of July 4, 2024).

3. ORGANIZATION OF TEACHING ACTIVITIES

3.1 Structure of the Educational Program:

The educational program follows a single curriculum track.

3.2 Academic Calendar:

Teaching activities are divided into two semesters per academic year.

3.3 Dual Degree Program:

Not available.

3.4 Attendance:

Class attendance is strongly recommended as it aligns with the proposed educational model, which promotes progressive learning, active student participation in class, and dialogue between instructors and students.

Some courses may offer different examination methods for attending and non-attending students.

3.5 Attendance Verification:

Attendance verification is managed by each instructor, who may use technological tools provided by the University.

3.6 Tipologia delle forme didattiche adottate

3.6 Types of Teaching Methods Adopted:

The teaching methods adopted include:

- Lectures (F): 1 ECTS = 7 hours of in-class lectures
- Exercises (E): 1 ECTS = 13 hours of classroom exercises
- Laboratory Work (L): 1 ECTS = 15 hours of supervised classroom work
- Final Exam Preparation (PF): 1 ECTS = 25 hours of individual work

If necessary, in compliance with University regulations, teaching activities may also be conducted online.

3.7 Assessment Methods:

Student assessment methods vary depending on the course and may include: oral exams, written exams, project reports, practical or lab tests, and graphical tests. These may be used individually or in combination.

Detailed assessment types:

- (O) Oral exam
- (S) Written exam
- (E) Group or individual project report (with identifiable individual contributions)
- (P) Practical or laboratory test

3.8 Rules for Submitting Individual Study Plans:

Generally, students can submit an individual study plan only to select **9 ECTS credits** for elective activities.

Submission periods:

- From September 1 to December 15
- From February 1 to April 15

Students who have already earned credits for courses with similar content in their previous degree programs may request credit recognition and substitution with other consistent courses. Courses already credited in previous academic careers with the same title and ECTS value cannot be included again as electives or substitutions.

All individual study plans are subject to approval by the Degree Program Board, which ensures compliance with regulations.

3.9 Criteria for Periodic Review of Knowledge Relevance:

Not applicable.

3.10 Criteria for Recognition of Credits Earned Over Six Years Ago:

Not applicable.

3.11 Criteria for Recognition of Studies Completed Abroad:

According to Article 32 of the current Academic Regulations (RDA), students may complete part of their studies at foreign universities or equivalent institutions with which the University of Catania (UniCT) has signed bilateral mobility agreements.

Before departure, students must submit a Learning Agreement (LA) or Activities Proposal (AP) to the Degree Program Board through the International Mobility Office.

The document must specify the host institution and the educational/training activities to be completed abroad in place of equivalent activities in the study plan.

The Degree Program Board evaluates the LA/AP for consistency with the program's educational objectives. Approval may be granted even without exact equivalence between course content, provided the learning goals are met.

The decision will indicate the equivalence between the recognized and curricular activities, including the number of ECTS credits. If rejected, the board must provide a written justification.

Grades will be converted using the University's official conversion table (available in mobility recognition guidelines).

For more information, refer to the "University-wide Procedure for Approval of Erasmus Plus Learning/Training Agreements and Activities Proposals for International Mobility Calls."

3.12 Recognition of Credits Earned at Other Italian Universities:

Credits earned at other legally recognized Italian universities under mobility agreements and in accordance with relevant laws may be recognized, as outlined in the agreements and the annual call.

Credits must be relevant to the *Safety Engineering* curriculum and are subject to approval by the Degree Program Board.

3.13 Academic Advising and Tutoring:

The Construction Management and Safety program provides ongoing academic guidance and tutoring, regularly updated on the course website:

https://www.dicar.unict.it/it/corsi/lm-26/presentazione-del-corso

Available resources include faculty tutors and student representatives, who serve as academic counselors. The Program Coordinator also meets with student representatives to address academic and administrative concerns. Outcomes of these meetings are discussed during board meetings while ensuring student anonymity.

Additionally, the University of Catania provides **psychological counseling services**, publicly advertised on the course website:

https://www.unict.it/it/servizi/counseling-psicologico

This service supports students facing difficulties such as exam anxiety, attention and concentration issues, learning problems, or interpersonal challenges, ensuring full confidentiality. It is managed by a team of professional psychologists.

3.14 Teaching Evaluation:

Student opinions on teaching are collected annually through the OPIS questionnaire. The process is managed by the University Quality Assurance Office and ensures anonymity.

Evaluation results are published on the University portal and analyzed by the Degree Program's Quality Assurance Group (GGAQ) to identify potential issues and implement corrective actions. The program also holds awareness meetings to highlight the importance of OPIS surveys.

3.15 Internships and Job Placement:

Internships are **mandatory**, worth **12 ECTS credits**, and involve **300 hours** of work at companies affiliated with the University through the DICAR Internship Office.

Job placement support is provided by the University's central placement services:

https://placement-unict.almalaurea.it/

4. OTHER EDUCATIONAL ACTIVITIES

4.1 Elective Courses

Students may freely choose 9 ECTS credits from any course offered by the University, provided that the selection is consistent with their educational plan and does not duplicate content already included in the study program.

4.2 Additional Educational Activities (as per Art. 10, paragraph 5, letters c, d of Ministerial Decree 270/2004)

- a) Additional language skills: Not applicable
- b) Digital and telecommunication skills: Not applicable
- c) Internships and vocational training: 12 ECTS
- d) Other knowledge useful for entering the job market: Not applicable

4.3 Study Periods Abroad and/or in Italy

Educational activities carried out abroad (see paragraph 3.8) for a minimum of 12 ECTS credits will be considered by the graduation committee when evaluating the final exam, with a grade bonus applied as specified in the following point 4.4.

4.4 Final Examination (Thesis)

To be admitted to the final examination, the student must have passed all required exams included in their study plan and earned all the ECTS credits specified by the program.

The final thesis is worth 12 ECTS credits.

The final exam consists of defending a graduation thesis, which may also be conducted at a foreign university or research institution. Thesis activities must be carried out under the supervision of one or more advisors, typically selected from among the faculty members of the Department of Civil Engineering and Architecture. For theses conducted abroad, supervision may be provided by faculty members or officials of the host institution.

The thesis may be theoretical, experimental, project-based, or descriptive in nature.

The topic of the thesis must be relevant to the student's academic curriculum.

The final grade takes into account both the student's academic performance and the evaluation of the thesis by the examination committee, using the following formula:

$$V = (11/3) * M + C + L + (E1 + E2)$$

Where:

- V = Final grade (rounded to the nearest whole number)
- M = Weighted average grade of the exams taken (with 30 cum laude counted as 30)
- C = Grade awarded by the committee
- L = 0.2 points for each grade of 30 cum laude
- E1 = 1.1 bonus if the student has completed coursework/thesis abroad for at least 12 ECTS
- E2 = 0.3 bonus for every 3 credits earned abroad through internship activities (Constraint: E1 + E2 \leq 2)

Each member of the committee assigns a score to the thesis as follows:

- Up to 1 point for a descriptive thesis
- Up to 3 points for a project-based thesis
- Up to 5 points for a theoretical-experimental thesis

The C score is the arithmetic mean of the points assigned by all committee members.

If the final grade V, rounded to the nearest whole number, is at least 112, and the student's weighted average grade, converted to a scale of 110 and rounded to the nearest whole number, is at least 103, the student may be awarded honors (cum laude).

Honors must be proposed by a committee member and approved unanimously.

ART. 5 – EDUCATIONAL REGULATIONS

Approved on 29/03/2024

LINK: https://www.dicar.unict.it/it/corsi/lm-26/ordinamento

RAD chiuso il 18/03/2024

ART. 6. DIDATTICA PROGRAMMATA SUA-CDS ELENCO DEGLI INSEGNAMENTI Coorte 2025/2026

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n.	SSD	Denomination	CFU	Lessons	Other activities	Prerequisites	Year of the program	Lenguage	Learning objectives			
1	ICAR/17	BIM Fundamentals and Applications	9	28	65		1°	ENG	The course deals with issues related to understanding the construction process in its complexity, digital modeling and the use of the Building Information Modeling (BIM) methodology to adequately address the construction process in the era of digitalisation. Through the development of a design exercise, the theoretical contents are applied by the students through the development of information models for specific uses, addressing the issues of defining the customer's demand, interoperability, levels of detail and the representation and communication of data. The contents are summarized in: BIM methodology and interoperability to emphasize the potential of information sharing through the concept of data uniqueness. The knowledge acquired will be usable in supporting strategies to make cities and settlements humane inclusive and sustainable, safeguarding the built heritage through the adoption of innovative digital methods, in accordance with points 9,11,13 of the 2030 Agenda.			
2	ICAR/10	Construction Design and Project Management	6	21	39		1°	ENG	The course develops the theme of project design and management in construction, its optimization and validation with particular attention to the knowledge of the construction process and project engineering methodologies. The course provides students with the skills necessary for a critical reading of the design project, and for its calibration on the context of implementation, both in terms of the client and the construction techniques and production capabilities of the companies. In particular, the topics of prefabrication, integrated management of the digital project through digital twins and production design will be addressed. The knowledge acquired will support sustainable development of building processes (Agenda 2030, points 8-9), with a view to responsible management of development strategies aimed at sustainable resource consumption (points 11-12)			

3	ICAR/08	Damage Monitoring of Structures and Infrastructures	6	21	39	2	2°	ENG	The objective of the course is to introduce students to the safety analysis of structures and infrastructures subject to exceptional events such as earthquakes, very strong winds, environmentally induced aging, damage due to excessive loads, deterioration, corrosion, etc. Students will learn to design, implement and use a safety plan for the inspection, safety assessment and maintenance program of structures and infrastructure, with particular attention to large critical infrastructures such as bridges, dams etc. The course will cover the basics of dynamics and nonlinear behavior of structures, methods for vulnerability assessment, the most common monitoring methods. The course will have a strong applicative character, students will be introduced to the intelligent use of structural codes. The knowledge acquired will provide the basis of the technical skills necessary for the design of safe, sustainable and resilient structures and infrastructures in accordance with points 4, 9, and 11 of the 2030 Agenda.
4	SECS-S/06	Decision Analysis	6	21	39		1°	ENG	The course presents the basic principles of decision theory and decision analysis with a focus on multi-criteria decision support. In particular, the course will introduce the basic principles of the normative approach, the descriptive approach and the prescriptive approach. In this area the main multi-criteria decision support methods will be introduced: Multiple attribute value theory; additive utility; weighted sum; Hierarchical analytical process; TOPSI; Choquet Integral; robust ordinal regression; Stochastic analysis of multi-criteria acceptability; ELECTRE methods (ELECTRE IS, ELECTRE II, ELECTRE III, ELECTRE III, ELECTRE III, ELECTRE III, ELECTRE III, Ordinal regression; Stochastic analysis of multi-criteria acceptability. Multiobjective optimization methods will also be introduced with particular attention to interactive methods, also mentioning heuristic methodologies with specific attention to evolutionary algorithms. AI-related approaches such as rule-based decision-making methods will also be discussed. Particular attention will be paid to the application aspects by proposing case studies that can be addressed using the methodologies introduced. We will try to enable students to critically analyze the decision-making problems to be faced, defining the most appropriate methodologies to manage them. The knowledge acquired will be usable in supporting all decisions regarding projects relating to all the objectives of the 2030 Agenda, with a particular focus on sustainable development policies in accordance with points 3, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 of the 2030 Agenda.

5	ICAR/04	Management of Transport Infrastructures	9	28	65	2°	ENG	The course will provide the knowledge to create and manage a transport infrastructure, with specific insights into the main linear and punctual infrastructures (roads, railways and airports), providing the basis for analyzing and interpreting the design and construction standards and the tools for management of their operation. The knowledge acquired will be usable in the design and management of materials and systems aimed at improving the quality of life, in accordance with points 4, 8, 9, 11, 12, 13 of the 2030 Agenda
6	ICAR/01	Management of Hydraulic and Maritime Infrastructures	9	28	65	2°	ENG	Starting from the analysis of numerous national and international projects, the course will adopt a "hands-on" approach to teach students how to copy in the planning, design, construction and management of large hydraulic and maritime infrastructures. In this context, the course will provide fundamental knowledge on the analysis of: (i) the hydraulic risk of urban, river and coastal areas; (ii) erosive processes, which can threaten the safety of settlements and infrastructure; (iii) offshore and coastal processes that influence the design, construction and management of ports and shipping channels. The course will also introduce cutting-edge methods (e.g. probabilistic design methods) to include the assessment of climate change influence within hydraulic and marine projects. Students will also benefit from the opportunity to meet top-level industry professionals during field visits and seminars. The knowledge acquired will be usable in the sustainable and equitable management of projects relating to water resources, hydraulic and maritime infrastructures, in accordance with points 3, 6, 7, 8, 9, 11, 12, 13, 14 and 15 of the 'Agenda 2030.
7	ICAR/09	Performance and Safety Control of Structural Materials and Members	9	28	65	1°	ENG	The course aims to provide information relating to the behavior of the main structural, traditional and innovative materials. Furthermore, with reference to these materials, regulatory information and application indications will be provided for the control of their mechanical characteristics. Finally, the appropriate knowledge will be provided to carry out structural safety checks, through theoretical approaches or load tests, on structural elements in reinforced concrete or steel. The knowledge acquired will be usable in the design and management of structures in order to achieve an improvement the quality of life in accordance with points 3, 9, 11, 12, and 13 of the 'Agenda 2030

8	ING-IND/35	Procurement and Supplier Management	9	28	65	3	2°	ENG	The course delves into how organizations secure external resources, including materials, services, jobs, technology and more, in both the private and public sectors. In particular, the course includes a focus on strategy, design, management and evaluation of procurement and sourcing activities. Specifically, the course will comprehensively cover the following key areas: (i) Procurement activities, i.e. identification of organizational needs, procurement decisions, supplier selection and evaluation, negotiations, management of orders and procurement processes; (2) Supplier management activities, i.e. performance monitoring, building buyer-supplier relationships, managing supply risk, collaborating with suppliers and co-innovation. The course will offer applications to the construction industry that highlight how the integration of construction management, purchasing and supplier management is critical to ensuring project success and risk control.
9	IUS/10	Public Procurement Law	6	21	39		1°	ENG	The new Public Contracts Code (Legislative Decree 31 March 2023, n. 36) represents an element of great innovation, not only legal and technical, but also cultural, in the regulation of national public procurement. Drawing its origin from the delegated measures of the PNRR, the public procurement reform introduces a radical change of perspective in the regulation of the matter, orienting itself towards the new founding principles of "result", "trust" and "market access" and presents itself as the first "self-applicable" Consolidated Law, as the detailed regulatory provisions have already been implemented in its annexes. Starting from a comparative analysis with the previous discipline, the course analytically addresses the innovations introduced by the new Code starting from the general principles, analyzing the new figure of the Sole Project Manager and examining the most important operational profiles in the work sectors and in the provision of services and supplies up to the analysis of public company procurement regulations.
10	ICAR/11	Safety Engineering	9	28	65		1°	ENG	The course develops the theme of correct safety management in the design, construction and maintenance phases of the work with particular attention to workplace safety in its various meanings, including the prevention of accidents and occupational diseases of workers. The course provides students with the necessary skills to enable them to deal with the identification of dangerous factors, the quantification and management of risks for the analysis and construction of workplace safety. In particular, safety on construction sites is explored in detail regarding specific sector regulations and management choices. Identifying site-specific risk when planning work and implementing appropriate controls to avoid personal injury and property damage, monitoring work to provide timely detection and correction of unsafe practices and conditions, 1 The implementation of effective communication are included in safety management. The knowledge acquired will be usable in managing the health and safety of workers, in accordance with points 3, 4, 8, 11, 12, 14, 15 of the 2030 Agenda.

11	ICAR/20	Spatial planning of	9	28	65	2°	ENG	The course aims to provide a set of
		infrastructure, urban		= 0	0.0	_		theoretical, analytical and practical tools to
		· · · · · · · · · · · · · · · · · · ·						analyze the different characteristics of
		facilities and landscape						transport infrastructures and urban structures
								of high territorial relevance (health,
								educational, sports and cultural complexes),
								with a specific focus on their integration
								sustainable in the context of the landscape
								and the environment. The theoretical
								modules on infrastructure planning and
								landscape assessment will be integrated with
								transversal topics of suitability analysis,
								strategic environmental assessment,
								economic assessment and regulatory
								framework. During the course, students will
								analyze an assigned portion of a region, with
								a series of traditional tools (land use maps)
								and more innovative techniques (land cover
								and suitability analysis) to develop a project
								on a set of infrastructures and structures to
								minimize the overall impact on the
								landscape. The knowledge acquired in this
								course will allow us to address and govern
								issues related to the planning, design and
								management of urban infrastructures (health,
								education, sport, culture, energy) and
								transport, with a view to their sustainable integration with the components of
								environment and landscape and in
								accordance with objectives 11 and 12 but also
								6.4, 7.a, 6.5, 6.6, 6.b, 7.2, 7.3, 7.a, 8.4, 9.1,
								9.4 of the 2030 Agenda.
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7. OFFICIAL STUDY PLAN Cohort 2025-2026

7.1 CURRICULUM UNICO

n.	SSD	Denomination	CFU	Didactic form	Verification of preparation	Frequency
1° aı	nno - 1º periodo	0				
9	IUS/10	Public Procurement Law	6	F-E	O-E-P	Si
1	ICAR/17	Fundamentals and Applications of Building Information Modeling (BIM)	9	F-E	O-E-P	Si
2	ICAR/10	Construction Design and Project Management	6	F-E	O-E-P	Si
4		Elective Courses	9			
1° aı	nno - 2° periodo					
7	ICAR/09	Performance and Safety Control of Structural Materials and Members	9	F-E	O-E-S	Si
4	SECS-S/06	Decision Analysis	6	F-E	O-E-S	Si
10	ICAR/11	Safety Engineering	9	F-E	O-E-S	Si
2° aı	nno - 1º periodo					
5	ICAR/04	Management of Transport Infrastructures	9	F-E	O-E-S	Si
6	ICAR/01	Management of Hydraulic and Maritime Infrastructures	9	F-E	O-E-S	Si
3	ICAR/08	Damage Monitoring of Structures and Infrastructures	6	F-E	O-E-S	Si
2° aı	nno - 2° periodo	0				
11	ICAR/20	Spatial planning of infrastructure, urban facilities and landscape	9	F-E	O-E-S	Si
8	ING-IND/35	Procurement and Supplier Management	9	F-E	O-E-S	Si
		Traineeship	12			
		Master Thesis	12			

ART. 8 – DUTIES AND OBLIGATIONS OF STUDENTS

- **8.1** Students are required to comply with legislative, statutory, and regulatory provisions, as well as with the instructions issued by the competent authorities to ensure the proper conduct of educational and administrative activities.
- **8.2** Students must behave in a manner that upholds the dignity and decorum of the University, in accordance with the Code of Ethics, in all their activities, including internships and training programs carried out at national and international institutions.

8.3 Any sanctions shall be imposed by decree of the Rector, in accordance with the applicable regulations.

8.4 Specific obligations include:

- Mandatory completion of the OPIS survey forms before taking any exam;
- Mandatory completion of the AlmaLaurea questionnaire before uploading the thesis;
- Mandatory return of books borrowed from University Libraries before uploading the thesis.