



ANNEX 2.1

DEGREE PROGRAM DIDACTIC REGULATIONS

INGEGNERIA STRUTTURALE E GEOTECNICA (STRUCTURAL AND GEOTECHNICAL ENGINEERING)

CLASS LM-23

School: Polytechnic and Basic Sciences

Department: Structures for Engineering and Architecture

Didactic Regulations in force since the academic year 2024-2025

Course: Diagnosis and Repair of Structural Failures	Teaching Language: English
SSD (Subject Areas): ICAR/09	CREDITS: 9
Course year: 2	Type of Educational Activity: TAF-B
Teaching Methods: In-person	
Contents extracted from the SSD declaratory consistent with the training objectives of the course: Actions on structures; structural behaviour under varying their type, geometry, materials, techniques, technologies, and interaction with soil and environment; vulnerability and safety assessment; experimental testing, proof checking and structural health monitoring; safety checks and structural retrofitting of historical constructions and monuments.	
Objectives: (i) To provide criteria and methods for structural assessment through analysis of structural failures and their causes, with the aim of risk mitigation and forensic engineering. (ii) To deliver fundamentals of structural repair under different conditions (emergency or normal) through alternative techniques (classical or innovative; local or global).	
Propaedeuticities: None	
Is a propaedeuticity for: None	
Types of examinations and other tests: Oral test	