



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

Fill in for each course/integrated course included in the study plan

Course: Precast Structures	Teaching Language: Italian
SSD (Subject Areas): ICAR09	CREDITS: 9
Course year: II	Type of Educational Activity: Characterizing
Teaching Methods: In person	
Contents extracted from the SSD declaratory consistent with the training objectives of the course: Contents of the course concern theories and technics regarding both the structural conception, the dimensioning of new constructions and the verification and the structural rehabilitation of existing ones. So, they include the topic of the actions on constructions and the following behaviour depending on typologies and morphologies, materials and technologies, interaction with soil and environment; evaluation on vulnerability, reliability, comfort, safety and durability; methods and means for structural design and realization of structures.	
Objectives: Course intends to provide students with specialist knowledge concerning the design and analysis of RC precast structures, considering the specific peculiarities of the structural type. Furthermore, it intends to provide students with application details concerning the design and verification of RC pretensioned prestressed elements.	
Propaedeuticities: None. Is a propaedeuticity for: None.	
Types of examinations and other tests: Oral examination.	