



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: Earth retaining structures	Teaching Language: Italian
SSD (Subject Areas): CEAR-05/A - Geotechnical engineering	CREDITS: 9
Course year:	Type of Educational Activity: TAF-B (Caratterizzanti la classe LM-23)
Teaching Methods: in-person	
Contents extracted from the SSD declaratory consistent with the training objectives of the course: The analysis, design and construction of geotechnical works such as excavations and retaining structures	
Objectives: provide the theoretical aspects related to earth pressure and the computational procedures for the design and verification of retaining walls, bulkheads and anchorages subjected mainly to static loads, reporting some mention of the dynamic effects on the same structures. Tensional and deformation states in the surroundings of excavations for the construction of underground works in urban environments (e.g., station shafts, underground parking lots etc.) are also examined, taking into account the effects of subsidence induced on the ground plane.	
Propaedeuticities: na	
Is a propaedeuticity for: na	
Types of examinations and other tests: oral test covering both theoretical topics and discussion of one or more of the exercises carried out as part of the course	

WARNING: when compiling the Annex, it is essential to remember that it must be exactly the same as in the SUA (Annual single form of the Degree Program). If you wish to make any changes, you must consider that this action entails a change of Didactic Regulations or, if the field to be changed is RAD (University Didactic Regulations), of CdS detail sheet.