



## 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 2026/2027**

<b>Course:</b> Geotechnics and Infrastructures	<b>Teaching Language:</b> Italian
<b>SSD (Subject Areas):</b> CEAR-05/A (ex ICAR/07)	<b>CREDITS:</b> 9
<b>Course year:</b> I	<b>Type of Educational Activity:</b> Traditional in-person training (this modality requires the physical attendance of students and may include lectures, hands-on laboratory sessions, and technical site visits).
<b>Teaching Methods:</b> The course consists of 60 hours of theoretical instruction and 12 hours of practical sessions. Upon completion, participants are offered a technical visit to one or more of the systems covered during the course.	
<b>Contents extracted from the SSD declaratory consistent with the training objectives of the course:</b> Behaviour of Geotechnical Systems	
<b>Objectives:</b> The aim of the course is to provide students with the specialised knowledge required for the design and verification of geotechnical systems that are widely encountered in practice, including natural slopes, earth embankments (dams, river levees, and road embankments), reinforced soils, and retaining structures (retaining walls and sheet pile walls).	
<b>Propaedeuticities:</b> basic geotechnics <b>Is a propaedeuticity for:</b> -	
<b>Types of examinations and other tests:</b> Oral examination	