

TIMETABLE OF CLASSES A.Y. 2024/25
MASTER OF SCIENCE IN CIVIL ENGINEERING FOR RISK MITIGATION
1st YEAR (1st semester)

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9.15 a.m.	Numerical methods for partial differential equations B.2.6		Hydrology for flood risk evaluation B.2.6	Fundamentals of GIS B.2.6	Soil-Structure Interaction B.2.6
10.15 a.m.	Numerical methods for partial differential equations B.2.6	Soil-Structure Interaction B.2.6	Hydrology for flood risk evaluation B.2.6	Fundamentals of GIS B.2.6	Soil-Structure Interaction B.2.6
11.15 a.m.	Numerical methods for partial differential equations B.2.6	Soil-Structure Interaction B.2.6	Tools for Risk Management B.2.6	Fundamentals of GIS B.2.6	Soil-Structure Interaction B.2.6
12.15 a.m.	Numerical methods for partial differential equations B.2.6	Soil-Structure Interaction B.2.6	Tools for Risk Management B.2.6	Fundamentals of GIS B.2.6	Soil-Structure Interaction B.2.6

2.15 p.m.	Numerical methods for partial differential equations B.2.6	Hydrology for flood risk evaluation B.2.6	Tools for Risk Management B.2.6	Numerical methods for partial differential equations B.2.6	
3.15 p.m.	Numerical methods for partial differential equations B.2.6	Hydrology for flood risk evaluation B.2.6	Tools for Risk Management B.2.6	Numerical methods for partial differential equations B.2.6	
4.15 p.m.		Hydrology for flood risk evaluation B.2.6	Tools for Risk Management B.2.6	Numerical methods for partial differential equations B.2.6	
5.15 p.m.			Tools for Risk Management B.2.6	Numerical methods for partial differential equations B.2.6	

Numerical methods for partial differential equations:

Prof. L. Bonaventura

Soil-Structure Interaction:

Prof. F. Calvetti

Tools for risk management:

Prof.ssa S. Menoni

Hydrology for flood risk evaluation:

Prof. C. Cammalleri

Fundamentals of GIS:

Prof.ssa D. Carrion

TIMETABLE OF CLASSES A.Y. 2024/25
MASTER OF SCIENCE IN CIVIL ENGINEERING FOR RISK MITIGATION
2nd YEAR (1st semester)
Hydrogeological risks/Risks for Structures and Infrastructures

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9.15 a.m.	Structural assessment and residual bearing capacity. Fire and blast safety B.0.3	Design of environmental and protective structures B.0.3	Retrofitting design of structures subjected to seismic loading B.0.3	Geological and photographic assessment and monitoring B.0.3	Geophysical assessment and monitoring B.0.3
10.15 a.m.	Structural assessment and residual bearing capacity. Fire and blast safety B.0.3	Design of environmental and protective structures B.0.3	Retrofitting design of structures subjected to seismic loading B.0.3	Geological and photographic assessment and monitoring B.0.3	Geophysical assessment and monitoring B.0.3
11.15 a.m.	Structural assessment and residual bearing capacity. Fire and blast safety B.0.3	Design of environmental and protective structures B.0.3	Retrofitting design of structures subjected to seismic loading B.0.3	Geological and photographic assessment and monitoring B.0.3	Geophysical assessment and monitoring B.0.3
12.15 a.m.	Structural assessment and residual bearing capacity. Fire and blast safety B.0.3	Design of environmental and protective structures B.0.3	Retrofitting design of structures subjected to seismic loading B.0.3	Geological and photographic assessment and monitoring B.0.3	Geophysical assessment and monitoring B.0.3
2.15 p.m.	Structural assessment and residual bearing capacity. Fire and blast safety B.0.3	Design of environmental and protective structures B.0.3	Structure durability: monitoring and control B.0.3	Geological and photographic assessment and monitoring B.0.3	
3.15 p.m.	Structural assessment and residual bearing capacity. Fire and blast safety B.0.3	Design of environmental and protective structures B.0.3	Structure durability: monitoring and control B.0.3	Geological and photographic assessment and monitoring B.0.3	
4.15 p.m.	Structural assessment and residual bearing capacity. Fire and blast safety B.0.3	Design of environmental and protective structures B.0.3	Structure durability: monitoring and control B.0.3	Geological and photographic assessment and monitoring B.0.3	
5.15 p.m.	Structural assessment and residual bearing capacity. Fire and blast safety B.0.3	Design of environmental and protective structures B.0.3	Structure durability: monitoring and control B.0.3	Geological and photographic assessment and monitoring B.0.3	

Engineering Structures for the Environment:

Design of environmental and protective structures
Structure durability: monitoring and control

Prof. A. Galli

Prof. M. di Prisco; Prof. A. Galli
Prof.ssa E. Redaelli

Structure Retrofitting:

Structural assessment and residual bearing capacity. Fire and blast safety
Retrofitting design of structures subjected to seismic loading

Prof. R. Felicetti

Prof. M. Colombo; Prof. R. Felicetti
Prof. M. Valente

Geo-engineering techniques for unstable slopes:

Geological and photographic assessment and monitoring
Geophysical assessment and monitoring

Prof. L. Zanzi

Prof.ssa L. Longoni; Prof. M. Scaioni
Prof.ssa A. Hojat