



PhD in Civil-Environmental Engineering and Architecture

LIST OF COURSES

Academic Year 2024-2025

CURRICULUM 1_Architecture				
COURSE	TEACHER	CONTACT	PERIOD	LOCATION
Scientific writing and publishing. Methods and tools to synthesize and disseminate research in engineering and architecture. Series of 3 lectures	Raul Berto, Carlo Stival (UNITS)	cstival@units.it	March 18, March 25, April 1 2025	Gorizia University Campus
Fragile living. Series of 4 lectures: 1) Educational poverty; 2) Food poverty; 3) Energy poverty; 4) Unconventional and affordable housing	1) Carla Baldissera, Paola Savoldi (Politecnico di Milano), Michele Gammino, Elena Marchigiani (UNITS) 2) Alessia Toldo (Università degli Studi di Torino), Davide Marino (Università del Molise), Sara Basso, Camilla Venturini (UNITS) 3) Giovanni Carrosio, Elena Marchigiani (UNITS), Lorenzo De Vidovich	emarchigiani@units.it	1) March 20 2) April 3 3, 4) May, June 2025	Gorizia University Campus



CURRICULUM 1_Architecture

COURSE	TEACHER	CONTACT	PERIOD	LOCATION
	(Università degli Studi di Milano), 4) Roberto Rizzi, António da Silva Ferreira de Carvalho (Politecnico di Milano), Sara Basso, Elena Marchigiani (UNITS)			
Architectural project in doctoral research. Schools compared	Luca Zecchin (UNIUD), Adriano Venudo, Thomas Bisiani (UNITS), Elvio Manganaro (Politecnico di Milano); Pasquale Mei (Università degli Studi di Palermo); Alberto Sdegno (UNIUD)	alberto.sdegno@uniud.it	April 7 2025	Gorizia University Campus
BODY MATTERS. The Body in the Contemporary Architectural Debate. Series of 2 lectures	Giuseppina Scavuzzo (UNITS), Piotr Barbarewicz (UNIUD), Teresa Stoppani (Norwich University of the Arts)	gscavuzzo@units.it	April 16, 17 2025	Gorizia University Campus
Research in the Field of Instrumental Surveying and Architectural Restoration: Some Case Studies. Lectures series	Alessandra Biasi, Alberto Sdegno (UNIUD)	alberto.sdegno@uniud.it	April 2025	Remote lesson



CURRICULUM 1_Architecture

COURSE	TEACHER	CONTACT	PERIOD	LOCATION
The analogous forest. Architecture and cities toward the forest paradigm	Giovanni La Varra (UNIUD)	giovanni.lavarra@uniud.it	April – May 2025	Remote lesson
Descriptive Geometry and New Digital Technologies: From Homology to Perspective Reconstruction. Lectures series	Alberto Sdegno (UNIUD)	alberto.sdegno@uniud.it	April – June 2025	Remote lesson
Industrial buildings' sustainability	Anna Frangipane (UNIUD)	anna.frangipane@uniud.it	April – July 2025	Gorizia University Campus
Recent developments in plans and projects evaluation: from cost benefit analysis to multicriteria analysis	Raul Berto (UNITS)	rberto@units.it	May 15, 22 2025	Remote lesson
The portrait of an open space	Alberto Cervesato, Giovanni La Varra (UNIUD)	giovanni.lavarra@uniud.it	May 23 2025	Remote lesson
Assets in Disposition. Architecture, Reuse, Metamorphosis	Giovanni Comi, Vincenzo D'Abramo, Claudia Pirina (UNIUD)	claudia.pirina@uniud.it	June 9, 10 2025	Remote lesson



CURRICULUM 2_Civil and Environmental Engineering

COURSE	TEACHER	CONTACT	PERIOD	LOCATION
Scientific writing and publishing. Methods and tools to synthesize and disseminate research in engineering and architecture. Series of 3 lectures	Raul Berto (UNITS), Carlo Stival (UNITS)	cstival@units.it	March 18, March 25, April 1 2025	Gorizia University Campus
Non-Linear Static Analysis of Reinforced Concrete Buildings. Series of 4 Lessons	Giada Frappa, Margherita Pauletta (UNIUD)	margherita.pauletta@uniud.it	March 14, May 9, June 18, June 26 2025	Remote lesson
GIS and Applications in Environmental Monitoring, with a Particular Focus on Air and Electromagnetic Pollution	Raffaella Cefalo (UNITS), Chiara Onorati	raffaela.cefalo@dia.units.it	April 2025	Gorizia University Campus
Industrial buildings' sustainability	Anna Frangipane (UNIUD)	anna.frangipane@uniud.it	April – July 2025	Gorizia University Campus
Recent developments in plans and projects evaluation: from cost benefit analysis to multicriteria analysis	Raul Berto (UNITS)	rberto@units.it	May 22, June 5 2025	Gorizia University Campus
The use of fiber-reinforced composite materials in interventions on existing structures: characteristics, application aspects,	Ingrid Boem (UNITS); Natalino Gattesco (UNITS)	gattesco@units.it	May 27, 28 2025	Gorizia University Campus



CURRICULUM 2_Civil and Environmental Engineering

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experimental evidence and numerical simulation strategies				
Use of gridded meteorological and land-surface data in support of environmental applications	Carmelo Cammalleri (Politecnico di Milano); Elisa Arnone (UNIUD)	elisa.arnone@uniud.it	May 29, 30 2025	Gorizia University Campus
Machine Learning Approaches in Predictive Modeling for Road Infrastructure Engineering	Fabio Rondinella (UNIUD); Nicola Baldo (UNIUD)	nicola.baldo@uniud.it	June 25, 26 2025	Remote lesson