



Politecnico
di Bari

Calendario accademico corsi Scudo 2024/2025

Course title	Research Methodology
Lecturer	Leonarda Carnimeo
Scientific Discipline Sector	ING-IND/17
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	04/11/2024: 10.30-13:30 05/11/2024: 10.30-13:30 11/11/2024: 10.30-13:30 18/11/2024: 10.30-13:30 19/11/2024: 10.30-13:30 25/11/2024: 10.30-13:30 26/11/2024: 10.30-12:30 03/12/2024: 10.00 LABIT
Room	On-site / Microsoft Teams Resecar Methodology-Scu.Do. prof. L. Carnimeo - leonarda.carnimeo@poliba.it - Office No.+39 0805963438 Generale Microsoft Teams

Course title	Design and management of research projects
Lecturer	Luigi Ranieri
Scientific Discipline Sector	ING-IND/17
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	10/09/2025: 14.30-18:30 17/09/2025: 14.30-18:30 23/09/2025: 15.00-18:00 30/09/2025: 15.00-18:00 07/10/2025: 15.00-18:00 14/10/2025: 15.00-18:00
Room	On-site

Course title	Introduction to probability and statistical inference
Lecturer	Erasmus Caponio
Scientific Discipline Sector	MAT/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	25/03/2025: 16.00-18:00 01/04/2025: 16.00-18:00 08/04/2025: 16.00-18:00 15/04/2025: 16.00-18:00 22/04/2025: 16.00-18:00 29/04/2025: 16.00-18:00 06/05/2025: 16.00-18:00 13/05/2025: 16.00-18:00 20/05/2025: 16.00-18:00 27/05/2025: 16.00-18:00
Room	Microsoft Teams Introduction to probability and statistical inference General Microsoft Teams

Course title	Introduction to Partial Differential Equations and Applications
Lecturer	Alessio Pomponio
Scientific Discipline Sector	MAT/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	03/03/2025: 8:30-11:00 05/03/2025: 8:30-11:00 07/03/2025: 8:30-11:00 10/03/2025: 8:30-11:00 12/03/2025: 8:30-11:00 14/03/2025: 8:30-11:00 17/03/2025: 8:30-11:00 19/03/2025: 8:30-11:00
Room	Microsoft Teams 2024/2025 - Introduction to Partial Differential Equations with Applications Generale Microsoft Teams

Course title	AI and creativity
Lecturer	Ilaria Cavaliere
Scientific Discipline Sector	ICAR/14
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	16/01/2024: 15:30-18:00 23/01/2024: 15:30-18:00 30/01/2024: 15:30-18:00 06/02/2024: 15:30-18:00 13/02/2024: 15:30-18:00 20/02/2024: 15:30-18:00 27/02/2024: 15:30-18:00 06/03/2024: 15:30-18:00
Room	Microsoft Teams AI and creativity ScuDO Generale Microsoft Teams

Course title	How to build an ontology that lasts for design matters: Theory
Lecturer	Borgo Stefano
Scientific Discipline Sector	ICAR/20
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	10/06/2025: 10.00-13.00 11/06/2025: 10.00-13.00 12/06/2025: 10.00-13.00 13/06/2025: 10.00-13.00 16/06/2025: 10.00-13.00 17/06/2025: 10:00-13:00 18/06/2025: 10.00-12.00
Room	On-site

Course title	Nuclear Techniques and Innovative Sensors for medical applications
Lecturer	Pugliese Gabriella Maria Incoronata
Scientific Discipline Sector	FIS01/FIS07
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	14/02/2025 2 ore a settimana (venerdì mattina o giovedì pomeriggio)
Room	On-site

Course title	Physical Layer Security for wireless communication
Lecturer	Giovanna Calò
Scientific Discipline Sector	ING-INF/02
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	07/05/2025: 9:00-11:30 09/05/2025: 9:00-11:30 12/05/2025: 9:00-11:30 14/05/2025: 9:00-11:30 16/05/2025: 9:00-11:30 19/05/2025: 9:00-11:30 21/05/2025: 9:00-11:30 23/05/2025: 9:00-11:30
Room	Microsoft Teams Physical layer security for wireless communication 2024-25 Generale Microsoft Teams

Course title	Advanced Fiber Optic Technologies for Biosensing
Lecturer	Nabarun Saha
Scientific Discipline Sector	ING-INF/01
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	08/11/2024: 4 ore 15/11/2024: 4 ore 22/11/2024: 4 ore 29/11/2024: 4 ore 06/12/2024: 4 ore
Room	On-site

Course title	Fundamentals of Radio Localization and Sensing
Lecturer	Alessio Fascista
Scientific Discipline Sector	ING-INF/03
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	31/10/2024: 10:00-13:00 14/11/2024: 10:00-13:00 21/11/2024: 10:00-13:00 28/11/2024: 10:00-13:00 05/12/2024: 10:00-13:00 12/12/2024: 10:00-13:00 19/12/2024: 10:00-13:00
Room	On-site / Microsoft Teams PhD Course: Fundamentals of Radio Localization and Sensing (A.A. 24/25) Generale Microsoft Teams

Course title	Materials for the ecological transition
Lecturer	Biagia Musio
Scientific Discipline Sector	CHIM/07
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	03/02/2025: 10:00-12:00 07/02/2025: 10:00-12:00 10/02/2025: 10:00-12:00 14/02/2025: 10:00-12:00 17/02/2025: 10:00-12:00
Room	Microsoft Teams Materials for the ecological transition Generale Microsoft Teams

Course title	Statistical methods for climate change detection and nonstationary probabilistic modeling
Lecturer	Vincenzo Totaro
Scientific Discipline Sector	ICAR/02
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	26/11/2024: 09:30-13:30 28/11/2024: 09:30-13:30 03/12/2024: 09:30-13:30 05/12/2024: 09:30-13:30 10/12/2024: 09:30-13:30
Room	On-site Microsoft Teams https://teams.microsoft.com/l/team/19%3AtuGFpljptMBBs9CbNNTzwOWDL2L5rlvo4RZMjG4oeo1%40thread.tacv2/conversations?groupId=5f2abb3b-db1c-4824-b49d-ac1931f8393b&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332ac1931f8393b&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Mathematical models for transportation systems
Lecturer	Aleksandra Colovic
Scientific Discipline Sector	ICAR/05
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	08/04/2025: 10:00-13:00 11/04/2025: 09:00-13:00 15/04/2025: 10:00-13:00
Room	On-site

Course title	Sustainable Mobility and Shared Mobility in a Smart Cities framework: optimization models and applications
Lecturer	Luigi Pio Prencipe
Scientific Discipline Sector	ICAR/05
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	16/09/2025: 09:00-13:00 18/09/2025: 09:00-12:00 23/09/2025: 09:00-12:00
Room	On-site

Course title	Adaptive Building Technologies for the Mitigation of Local and Global Climate Change
Lecturer	Francesco Carlucci
Scientific Discipline Sector	ICAR/10
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	15/01/2025: 14:30-17:30 17/01/2025: 14:30-17:30 22/01/2025: 14:30-17:30 24/01/2025: 14:30-17:30 29/01/2025: 14:30-17:30 31/01/2025: 14:30-17:30 05/02/2025: 14:30-16:30
Room	On-site / Microsoft Teams Adaptive Building Technologies for the Mitigation of Local and Global Climate Change 2024-2025 Generale Microsoft Teams

Course title	Research in Architecture and Engineering Aided by Information Models: From BIM to Digital Twin for the Built Environment.
Lecturer	Silvana Bruno
Scientific Discipline Sector	ICAR/11
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	07/07/2025: 16:00-18:00 08/07/2025: 16:00-18:00 14/07/2025: 16:00-18:00 15/07/2025: 15:00-19:00
Room	On-site/Microsoft Teams PhD course Research in Architecture and Engineering Aided by Information Models: From BIM to Digital Twin for the Built Environment (1 CFU) Generale Microsoft Teams

Course title	Analysis and representation techniques for building research
Lecturer	Antonella Musicco
Scientific Discipline Sector	ICAR/17
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	17/03/2025: 15:00-18:00 19/03/2025: 15:00-18:00 24/03/2025: 14:30-18:30
Room	On-site/Microsoft Teams https://teams.microsoft.com/l/channel/19%3AgU7uMaSh2kUDZZuzc7FGAYAEWCjgmADa7vklIEANgWs1%40thread.tacv2/?groupId=3acb18b8-93ca-4927-9afb-83871446a0a4&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Complex knowledge management and intelligent systems for land and environmental engineering
Lecturer	Mauro Patano
Scientific Discipline Sector	ICAR/20
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	03/02/2025: 9:00-12:00 06/02/2025: 9:00-12:00 10/02/2025: 9:00-13:00
Room	On-site

Course title	Multiscale models for materials science
Lecturer	Giuseppe Florio
Scientific Discipline Sector	MAT/07
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	26/11/2024: 08:30-11:00 28/11/2024: 08:30-11:00 03/12/2024: 08:30-11:00 05/12/2024: 08:30-11:00 10/12/2024: 08:30-11:00 12/12/2024: 08:30-11:00 17/12/2024: 08:30-11:00 19/12/2024: 08:30-11:00
Room	On-site

Course title	Numerical and experimental modelling of heat transfer
Lecturer	Aminhossein Jahanbin
Scientific Discipline Sector	CHIM/07
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	<p>29/04/2025: 11:00-13:00</p> <p>02/05/2025: 11:00-13:00</p> <p>02/05/2025: 14:00-16:00</p> <p>06/05/2025: 10:00-13:00</p> <p>09/05/2025: 11:00-13:00</p> <p>09/05/2025: 14:00-16:00</p> <p>13/05/2025: 10:00-13:00</p> <p>16/05/2025: 11:00-13:00</p> <p>16/05/2025: 14:00-16:00</p>
Room	<p>Microsoft Teams</p> <p>https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzhhM2NhMTktNjliMS00YTQ0LWEz-MjAtMWI2ZGQzZjI5ZTI5%40thread.v2/0?context=%7b%22Tid%22%3a%225b406aab-a1f1-4f13-a7aa-dd573da3d332%22%2c%22Oid%22%3a%22d557a644-00b6-482f-89ba-e3e492ef7733%22%7d</p>

Course title	Construction safety: administrative aspects Modulo B
Lecturer	Roberto Scaravaglione
Scientific Discipline Sector	ICAR/08, IUS/17
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	Primo semestre
Room	On site

Course title	Innovative devices for seismic risk protection
Lecturer	Dora Foti
Scientific Discipline Sector	ICAR/09
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	25/03/2025: 09:00-13:00 26/03/2025: 09:00-13:00 27/03/2025: 09:00-11:00
Room	Microsoft Teams https://teams.microsoft.com/l/team/19%3A_8esiytw70yAED0oir-bQStSmBQVzrM4rt9xBPHjvPhY1%40thread.tacv2/conversations?groupId=6d85cd88-4e37-4b94-b6c3-0cccb63255cf&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Deep Reinforcement Learning for Control of Autonomous Systems
Lecturer	Gaetano Volpe
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	08/04/2025: 09:30-12:00 10/04/2025: 09:30-12:00 15/04/2025: 09:30-12:00 17/04/2025: 09:30-12:00
Room	Microsoft Teams https://forms.office.com/e/RimBHjmUQu

Course title	Simulation Systems for Engineering Applications
Lecturer	Raffaele Carli
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	19/05/2025: 10:00-12:00 21/05/2025: 10:00-12:00 23/05/2025: 10:00-12:00 26/05/2025: 10:00-12:00 28/05/2025: 10:00-12:00
Room	Microsoft Teams https://politecnicobari-my.sharepoint.com/:x/g/person/raffaele_carli_poliba_it/ESupBlbgEdZlqQcBDiK2c4wBRtV-Hp20MBwL4tXniLXtxg?e=1K5hmi

Course title	Simulation, optimization, and management of smart energy systems
Lecturer	Michele Roccotelli
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	16/09/2025: 10:00-12:30 17/09/2025: 10:00-12:30 18/09/2025: 10:00-12:30 19/09/2025: 10:00-12:30
Room	Microsoft Teams https://teams.microsoft.com/l/channel/19%3Ad7zlljn4E5jgGyEuU7vswR19cPbAMzv4KkoXHPacSm41%40thread.tacv2/?groupId=7c9e738e-1d6b-4102-a0ec-4fe7aaf5f9e6&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Modeling and simulation of biosystems
Lecturer	Alessandro Borri
Scientific Discipline Sector	ING-INF/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	13/01/2025: 14:30-16:30 14/01/2025: 14:30-16:30 15/01/2025: 14:30-16:30 16/01/2025: 14:30-16:30 17/01/2025: 14:30-16:30 20/01/2025: 14:30-16:30 21/01/2025: 14:30-16:30 22/01/2025: 14:30-16:30 23/01/2025: 14:30-16:30 24/01/2025: 14:30-16:30
Room	Microsoft Teams https://forms.gle/DpUMKzm6uwqwevz98

Course title	Dynamical stochastic models of biological systems
Lecturer	Pasquale Palumbo
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	05/02/2025: 10:30-13:30 07/02/2025: 10:30-12:30 12/02/2025: 10:30-13:30 14/02/2025: 10:30-12:30
Room	Microsoft Teams https://docs.google.com/forms/d/e/1FAIpQLSd27Ptc8F6qVhM8_q71pmQbdctEAX_Y_SBr-guaNUjD7tov3Quw/viewform?vc=0&c=0&w=1&flr=0&usp=mail_form_link

Course title	Optimal control for climate change and air quality
Lecturer	Claudio Carnevale
Scientific Discipline Sector	ING-INF/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	09/06/2025: 09:00-12:00 11/06/2025: 09:00-12:00 13/06/2025: 09:00-12:00 16/06/2025: 09:00-12:00 18/06/2025: 09:00-12:00 20/06/2025: 09:00-12:00 23/06/2025: 09:00-11:00
Room	Microsoft Teams https://forms.gle/DsvgeSb7A6hNK1xX6

Course title	A user- centered approach to Ergonomics assessment in the Industry 5.0 paradigm
Lecturer	Vito Modesto Manghisi
Scientific Discipline Sector	ING-IND/15
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	12/06/2025: 10:00-13:00 17/06/2025: 10:00-13:00 19/06/2025: 10:00-13:00 24/06/2025: 10:00-13:00 02/07/2025: 10:00-13:00 08/07/2025: 10:00-13:00 10/07/2025: 15:00-17:00
Room	On-site/Microsoft Teams https://teams.microsoft.com/l/channel/19%3AjV8ul-SoqGdcOwQBy8WhYdes-64yd6-qLoCOPSYk-wor01%40thread.tacv2/?groupId=447647fd-5820-406c-bf8e-4e9c2579ac03&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Metaverse Integration for Digital Transformation of industry
Lecturer	Alessandro Evangelista
Scientific Discipline Sector	ING-IND/15
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	03/06/2025: 09:00-12:00 10/06/2025: 09:00-11:00 17/06/2025: 09:00-12:00 24/06/2025: 09:00-12:00 01/09/2025: 09:00-12:00 08/09/2025: 09:00-12:00 15/09/2025: 09:00-12:00
Room	On-site/Microsoft Teams https://teams.microsoft.com/l/team/19%3ASdr8WUg-leeS69yOB1x_qwUsfEh3H_8knFHYJfwecyU1%40thread.tacv2/conversations?groupId=0858318d-bd5c-467c-bb90-f742bd840cf9&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Basic concepts on elliptic equations
Lecturer	Pietro D'Avenia
Scientific Discipline Sector	MAT/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	18/03/2025 21/03/2025 25/03/2025 28/03/2025 01/04/2025 04/04/2025 08/04/2025 11/04/2025
Room	Microsoft Teams Basic concepts on elliptic equations 2025 Generale Microsoft Teams

Course title	Mathematical methods in deep learning
Lecturer	Gianluca Orlando
Scientific Discipline Sector	MAT/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	13/01/2025: 14:30-16:30 15/01/2025: 14:30-16:30 20/01/2025: 14:30-16:30 22/01/2025: 14:30-16:30 27/01/2025: 14:30-16:30 29/01/2025: 14:30-16:30 03/02/2025: 14:30-16:30 05/02/2025: 14:30-16:30 10/02/2025: 14:30-16:30 12/02/2025: 14:30-16:30
Room	On-site Aula 13 / Microsoft Teams

Course title	Smart sustainable manufacturing
Lecturer	Michele Dassisti
Scientific Discipline Sector	ING-IND/16
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	07/07/2025: 11:00-13:00 14/07/2025: 10:00-14:00 28/07/2025: 10:00-14:00 17/09/2025: 10:00-14:00 22/09/2025: 10:00-14:00 29/09/2025: 11:00-13:00
Room	On-site / Microsoft Teams https://teams.microsoft.com/j/team/19%3AEesx_509kXi1SvirCN7ZMm0fgap8_qHuwKXzDfviiUg1%40thread.tacv2/conversations?groupId=f6f0bdfd-f105-47d0-9afb4e5b3cb89a3a&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Technological changes and transition perspective
Lecturer	Vito Albino
Scientific Discipline Sector	ING-IND/35
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	12/06/2025: 09:00-14:00 13/06/2025: 09:00-14:00 19/06/2025: 09:00-14:00 20/06/2025: 09:00-14:00
Room	On-site

Course title	Business models for circular supply chains
Lecturer	Giovanni Francesco Massari
Scientific Discipline Sector	ING-IND/35
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	16/06/2025: 3 ore 20/06/2025: 3 ore 23/06/2025: 3 ore 27/06/2025: 3 ore 30/06/2025: 3 ore 04/07/2025: 3 ore 07/07/2025: 3 ore
Room	Microsoft Teams Corso Scudo "Business models for circular supply chains" (Docente: Prof. Giovanni Francesco Massari) Generale Microsoft Teams

Course title	Exploring latest cybersecurity technologies and trends
Lecturer	Ilaria Cianci
Scientific Discipline Sector	ING-INF/03
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	11/02/2025: 09:00-12:00 13/02/2025: 09:00-12:00 18/02/2025: 09:00-12:00 20/02/2025: 09:00-12:00 25/02/2025: 09:00-12:00 27/02/2025: 09:00-12:00 28/02/2025: 09:00-11:00
Room	Microsoft Teams Exploring latest cybersecurity technologies and trends - SCUDO 24-25 Generale Microsoft Teams

Course title	Management of future telecommunication systems via pervasive intelligence
Lecturer	Arcangela Rago
Scientific Discipline Sector	ING-INF/03
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	15/01/2025: 15:30-19:00 17/01/2025: 15:30-18:30 28/01/2025: 15:30-19:00 30/01/2025: 15:30-19:00 04/02/2025: 15:30-19:00 06/02/2025: 15:30-18:30
Room	Microsoft Teams SCUDO "Management of Future Telecommunication Systems via Pervasive Intelligence" AA 2024/2025 Generale Microsoft Teams

Course title	Introduction to the Simplex Method
Lecturer	del Cacho Estil-les Maria Asunciòn
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	24/02/2025 25/02/2025 26/02/2025 27/02/2025 28/02/2025
Room	Microsoft Teams

Course title	Deep learning
Lecturer	Vito Walter Anelli
Scientific Discipline Sector	ING-INF/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	11/02/2025: 09:00-14:00 13/02/2025: 09:00-14:00 18/02/2025: 09:00-14:00 20/02/2025: 09:00-14:00
Room	Microsoft Teams Deep Learning ScuDo Poliba 2025

Course title	Machine learning
Lecturer	Antonio Ferrara
Scientific Discipline Sector	ING-INF/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	29/01/2025: 09:00-14:00 31/01/2025: 09:00-14:00 04/02/2025: 09:00-14:00 06/02/2025: 09:00-14:00
Room	Microsoft Teams Machine Learning (ScuDo 2024/2025)

Course title	Innovative and recyclable methods and materials for Engineering applications
Lecturer	Vincenzo Fazio
Scientific Discipline Sector	MAT/07
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	04/03/2025: 14:30-17:00 06/03/2025: 14:30-17:00 11/03/2025: 14:30-17:00 13/03/2025: 14:30-17:00 18/03/2025: 14:30-17:00 20/03/2025: 14:30-17:00 25/03/2025: 14:30-17:00 27/03/2025: 14:30-17:00
Room	On-site

Course title	Advanced Transportation Accessibility-Equity Assessment
Lecturer	Nadia Giuffrida
Scientific Discipline Sector	ICAR/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	12/12/2024: 09:00-14:00 13/12/2024: 09:00-14:00 16/12/2024: 09:00-14:00 17/12/2024: 09:00-14:00
Room	Microsoft Teams Advanced Transportation Accessibility-Equity Assessment Generale Microsoft Teams

Course title	Complex Network Theory: Theory, Methods and Applications
Lecturer	Antonietta Simone
Scientific Discipline Sector	ICAR/02
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	20/03/2025: 10:00-14:00 21/03/2025: 09:00-13:00 26/03/2025: 09:00-13:00 27/03/2025: 09:00-13:00 28/03/2025: 09:00-13:00
Room	On-site

Course title	IoT Technologies for Digital Transition
Lecturer	Rashid Adnan
Scientific Discipline Sector	ING-INF/03
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	20/03/2025: 10:00-14:00 21/03/2025: 09:00-13:00 26/03/2025: 09:00-13:00 27/03/2025: 09:00-13:00 28/03/2025: 09:00-13:00
Room	Microsoft Teams IoT Technologies for Digital Transition 2024-25 General Microsoft Teams

Course title	Generative Algorithms: digital tools for parametric design and assessment of structures
Lecturer	Saverio Spadea
Scientific Discipline Sector	ICAR/09
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	09/12/2024: 15:00-17:40 11/12/2024: 15:00-17:40 16/12/2024: 15:00-17:40 18/12/2024: 15:00-17:40 07/01/2025: 15:00-17:40 08/01/2025: 15:00-17:00 09/01/2025: 15:00-17:40 10/01/2025: 15:00-17:00
Room	Microsoft Teams Generative Algorithms: digital tools for parametric design and assessment of structures Generale Microsoft Teams

Course title	Design for Historical and Contemporary Heritage Landscapes
Lecturer	Nicola Scardigno
Scientific Discipline Sector	ICAR/14
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	26/03/2025: 14:30-16:30 02/04/2025: 14:30-18:30 09/04/2025: 14:30-16:30 16/04/2025: 14:30-16:30 30/04/2025: 14:30-16:30 07/05/2025: 14:30-18:30 14/05/2025: 14:30-18:30
Room	On-site

Course title	Theories and methods of design for the Antique
Lecturer	Antonio Nitti
Scientific Discipline Sector	ICAR/14
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	04/03/2025: 09:30-11:30 11/03/2025: 09:30-11:30 18/03/2025: 09:30-11:30 25/03/2025: 09:30-11:30 01/04/2025: 09:30-11:30 08/04/2025: 09:30-11:30 15/04/2025: 09:30-11:30 22/04/2025: 09:30-11:30 29/04/2025: 09:30-11:30 06/05/2025: 09:30-11:30
Room	On-site

Course title	Historical research and study of the Ancient architecture
Lecturer	Antonio Fino
Scientific Discipline Sector	ICAR/18-L- ANT/07
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	04/02/2025: 09:30-12:30 05/02/2025: 09:30-12:30 07/02/2025: 09:30-12:30 11/02/2025: 09:30-12:30 12/02/2025: 09:30-12:30 14/02/2025: 09:30-12:30 18/02/2025: 09:30-11:30
Room	On-site

Course title	Problems and methods of contemporary restoration
Lecturer	Rossella De Cadilhac
Scientific Discipline Sector	ICAR/19
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	10/06/2025: 16:00-19:00 17/06/2025: 16:00-19:00 24/06/2025: 16:00-19:00 01/07/2025: 16:00-19:00 08/07/2025: 16:00-19:00 15/07/2025: 16:00-18:30 22/07/2025: 16:00-18:30
Room	On-site

Course title	Theories and techniques of the project for the fragile cities and territories
Lecturer	Giuseppe Tupputi
Scientific Discipline Sector	ICAR/14
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	14/03/2025: 16:00-18:30 21/03/2025: 16:00-18:30 25/03/2025: 16:00-18:30 28/03/2025: 16:00-18:30 04/04/2025: 16:00-18:30 08/04/2025: 16:00-18:30 11/04/2025: 16:00-18:30 18/04/2025: 16:00-18:30
Room	On-site

Course title	Stereotomic Design. New frontiers of stone architecture
Lecturer	Ilaria Cavaliere
Scientific Discipline Sector	ICAR/14
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	14/01/2024: 15:30-18:00 21/01/2024: 15:30-18:00 28/01/2024: 15:30-18:00 04/02/2024: 15:30-18:00 11/02/2024: 15:30-18:00 18/02/2024: 15:30-18:00 25/02/2024: 15:30-18:00 04/03/2024: 15:30-18:00
Room	Microsoft Teams Stereotomic Design ScuDO Generale Microsoft Teams

Course title	Spatio-Temporal dynamics of lasers: modelling and applications
Lecturer	Massimo Brambilla
Scientific Discipline Sector	FIS/03
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	24/02/2025: 10:00-12:00 03/03/2025: 10:00-12:00 10/03/2025: 10:00-12:00 17/03/2025: 10:00-12:00 24/03/2025: 10:00-12:00 31/03/2025: 10:00-12:00 07/04/2025: 10:00-12:00 14/04/2025: 10:00-12:00 28/04/2025: 10:00-12:00 05/05/2025: 10:00-12:00
Room	Microsoft Teams Ph.D. Course S-T dynamics of lasers Generale Microsoft Teams

Course title	Mathematical Models for High Frequency Analysis
Lecturer	Francesco Maddalena
Scientific Discipline Sector	MAT/05
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	23/06/2025 4 ore 25/06/2025 4 ore 27/06/2025 4 ore 01/07/2025 4 ore 03/07/2025 4 ore
Room	Microsoft Teams Esame Dottorato Generale Microsoft Teams

Course title	DoE and Robust Design applied to setup optimization for numerical and experimental testing
Lecturer	Francesca Di Carolo
Scientific Discipline Sector	ING-IND/14
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	11/06/2025: 14:00-17:00 13/06/2025: 14:00-17:00 18/06/2025: 14:00-17:00 20/06/2025: 14:00-17:00 25/06/2025: 14:00-17:00 27/06/2025: 14:00-17:00 02/07/2025: 14:00-16:00
Room	On-site / Microsoft Teams SCUDO 2024/2025-DoE and Robust Design applied to setup optimization for numerical and experimental testing Generale Microsoft Teams

Course title	Coding Theory
Lecturer	Angela Aguglia
Scientific Discipline Sector	MAT/03
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	04/03/2025: 09:00-11:30 11/03/2025: 09:00-11:30 14/03/2025: 09:00-11:30 18/03/2025: 09:00-11:30
Room	Microsoft Teams Coding Theory 2024-2025 Generale Microsoft Teams

Course title	Acoustics and thermoacoustics
Lecturer	Davide Laera
Scientific Discipline Sector	ING-IND/09
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	03/06/2025: 14:30-17:30 05/06/2025: 14:30-16:30 10/06/2025: 14:30-17:30 12/06/2025: 14:30-16:30 17/06/2025: 14:30-17:30 19/06/2025: 14:30-16:30 24/06/2025: 14:30-17:30 26/06/2025: 14:30-16:30
Room	Microsoft Teams Acoustics and Thermoacoustics Generale Microsoft Teams

Course title	Hydraulic Turbomachines for Energy Recovery in Water Distribution Networks
Lecturer	Michele Stefanizzi
Scientific Discipline Sector	ING-IND/09
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	06/05/2025: 10:00-12:30 09/05/2025: 10:00-12:30 13/05/2025: 10:00-12:30 16/05/2025: 10:00-12:30 20/05/2025: 10:00-12:30 23/05/2025: 10:00-12:30 27/05/2025: 10:00-12:30 30/05/2025: 10:00-12:30
Room	Microsoft Teams Hydraulic Turbomachines for Energy Recovery in Water Distribution Networks Generale Microsoft Teams

Course title	Hydrogen for Sustainable Transportation Systems
Lecturer	Gianmarco Saponaro
Scientific Discipline Sector	ING-IND/08
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	04/11/2024: 10:00-12:00 05/11/2024: 10:00-12:00 07/11/2024: 10:00-12:00 11/11/2024: 10:00-12:00 14/11/2024: 10:00-12:00 18/11/2024: 10:00-12:00 21/11/2024: 10:00-12:00 25/11/2024: 10:00-12:00 28/11/2024: 10:00-12:00 02/12/2024: 10:00-12:00
Room	Microsoft Teams https://teams.microsoft.com/l/team/19%3AZ5IR7ziJSZP6O-zHz5aAuHN8KksfVhC_vGAgYcFvwIY1%40thread.tacv2/conversations?groupId=c386e7d8-d861-4554-bb90-f5888103403f&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Optimization Theory
Lecturer	Giuseppe Maria Coclite
Scientific Discipline Sector	MAT/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /First
Tentative Calendar	24/03/2025: 10:30-13:00 26/03/2025: 10:30-13:00 28/03/2025: 10:30-13:00 31/03/2025: 10:30-13:00 02/04/2025: 10:30-13:00 04/04/2025: 10:30-13:00 07/04/2025
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/team/19%3a0a48d9f5f8d143c8a9789035f68cf6fa%40thead.tacv2/conversations?groupId=5f441b33-8425-45c0-b7bd-ca511fbc5551&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Introduction to fluid-structure interaction
Lecturer	Alessandro Nitti
Scientific Discipline Sector	ING-IND/06
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	First /Second
Tentative Calendar	04/06/2025: 14:30-17:00 05/06/2025: 14:30-17:00 10/06/2025: 14:30-17:00 11/06/2025: 14:30-17:00 17/06/2025: 14:30-17:00 18/06/2025: 14:30-17:00 24/06/2025: 14:30-17:00 25/06/2025: 14:30-17:00
Room	On-site

Course title	NIR and MIR laser coupling with fibers
Lecturer	Giansergio Menduni
Scientific Discipline Sector	FIS01/FIS03/FIS07
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	24/02/2025: 10:00-13:00 25/02/2025: 10:00-13:00 26/02/2025: 10:00-13:00 27/02/2025: 10:00-13:00 28/02/2025: 10:00-13:00 03/03/2025: 10:00-13:00 04/03/2025: 10:00-12:00
Room	On-site

Course title	Real-time Simulation and Hardware-in-the-Loop testing for Smart Energy Systems
Lecturer	Sergio Bruno
Scientific Discipline Sector	ING-IND/33
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	25/02/2025: 09:30-13:30 04/03/2025: 09:30-13:30 11/03/2025: 09:30-13:30 18/03/2025: 09:30-13:30 25/03/2025: 09:30-13:30
Room	On-site

Course title	Xtended Experiences for Smart and Sustainable Industry
Lecturer	Michele Fiorentino
Scientific Discipline Sector	ING-IND/15
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	13/12/2024: 10:00-12:00 20/12/2024: 10:00-12:00 17/01/2025: 10:00-12:00 24/01/2025: 10:00-12:00 31/01/2025: 10:00-12:00 07/02/2025: 10:00-12:00 14/02/2025: 10:00-12:00 21/02/2025: 10:00-12:00 28/02/2025: 10:00-12:00 07/03/2025: 10:00-12:00
Room	On-site / Microsoft Teams SCUDO- Xtended Experiences for Smart and sustainable Industry Generale Microsoft Teams

Course title	Time-series databases for sensor data analysis
Lecturer	Agnese Pinto
Scientific Discipline Sector	ING-INF/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	09/04/2025: 15:00-17:30 16/04/2025: 15:00-17:30 23/04/2025: 15:00-17:30 30/04/2025: 15:00-17:30 07/05/2025: 15:00-17:30 14/05/2025: 15:00-17:30 21/05/2025: 15:00-17:30 28/05/2025: 15:00-17:30
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/channel/19%3Adij-Xyia_R08rfWXwq-clzgjYac9_WNVkZrXNuLCdA1%40thread.tacv2/?groupId=6a4c0c42-9858-4d63-8bfe-a429167615a0

Course title	Photonics for Industry 4.0
Lecturer	Giovanni Magno
Scientific Discipline Sector	ING-INF/02
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	07/11/2024: 10:00-12:30 08/11/2024: 10:00-12:30 08/11/2024: 15:00-17:30 15/11/2024: 10:00-12:30 15/11/2024: 15:00-17:30 22/11/2024: 10:00-11:30 22/11/2024: 15:00-18:00
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/team/19%3AZDpqLModiu-dcc3Or-SoMmleNZNhByZiUSRgDfV3xxzM1%40thread.tacv2/conversations?groupId=7dd51907-76ff-40a2-93bd-6d2d4c6e6d83&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Nanotecnologie per la transizione energetica
Lecturer	Umberto Berardi
Scientific Discipline Sector	ING-IND/11
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	06/12/2024: 15:00-18:00 09/12/2024: 09:30-12:30 11/12/2024: 09:30-12:30 13/12/2024: 09:30-12:30 17/12/2024: 09:30-12:30 19/12/2024: 09:00-14:00
Room	On-site https://teams.microsoft.com/l/channel/19%3ArLh2aq6tu8-THtSdxY6zlXApA5Xtcf7ibiG76jwKraE1%40thread.tacv2/?groupId=453dd298-5734-45b9-aa77-bafe1079e626 SCUDO 2024-25: Nanotechnologies for energy Transition General Microsoft Teams

Course title	Smart energy cities
Lecturer	Umberto Berardi
Scientific Discipline Sector	ING-IND/11
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	13/01/2025: 14:00-18:00 14/01/2025: 14:00-18:00 20/01/2025: 14:30-17:30 21/01/2025: 14:30-17:30 27/01/2025: 14:30-17:30 28/01/2025: 14:30-17:30
Room	On-site

Course title	Microwave Photonics for Smart Systems
Lecturer	Giuseppe Brunetti
Scientific Discipline Sector	ING-INF/01
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	04/03/2025 5 ore 11/03/2025 5 ore 18/03/2025 5 ore 25/03/2025 5 ore
Room	On-site

Course title	Cutting-edge Nanomaterials for Advanced Technologies
Lecturer	Chiara Lo Porto
Scientific Discipline Sector	CHIM/07
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	13/01/2025: 11:00 – 13:00 20/01/2025: 11:00 – 13:00 27/01/2025: 11:00 – 13:00 03/02/2025: 11:00 – 13:00 10/02/2025: 11:00 – 13:00
Room	Microsoft Teams https://teams.microsoft.com/l/team/19%3A3WPpaoULK0kXJBI-JoP2TmwhvnSg5SH9sZyo4dHDdkuU1%40thread.tacv2/conversations?groupId=5634afeb-dd08-4f90-b654-7ae01c2031d2&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Soil-atmosphere interaction and slope stability: processes and numerical modelling
Lecturer	Vito Tagarelli
Scientific Discipline Sector	ICAR/02 e ICAR/07
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	15/01/2025: 14:30 – 19:30 22/01/2025: 14:30 – 19:30 27/01/2025: 14:30 – 19:30 29/01/2025: 14:30 – 19:30
Room	On-site

Course title	Advances in Geomatic Engineering
Lecturer	Alberico Sonnessa
Scientific Discipline Sector	ICAR/06
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	02/06/2025: 08:00 – 13:00 03/06/2025: 08:00 – 13:00 04/06/2025: 08:00 – 13:00 05/06/2025: 08:00 – 13:00
Room	On-site

Course title	Advanced Probabilistic Methods For The Reliability Analysis In Structural Engineering Problems
Lecturer	Sergio Ruggieri
Scientific Discipline Sector	ICAR/09
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	15/01/2025:14:30 – 18:30 16/01/2025:14:30 – 18:30 22/01/2025:14:30 – 18:30 23/01/2025:14:30 – 18:30 29/01/2025:14:30 – 18:30
Room	On-site Aula 25 / Microsoft Teams Advanced Probabilistic Methods For The Reliability Analysis In Structural Engineering Problems Generale Microsoft Teams

Course title	Life Cycle Assessment for buildings
Lecturer	Silvana Bruno
Scientific Discipline Sector	ICAR/11
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	18/11/2024: 15:30 – 17:30 25/01/2024: 15:30 – 18:30 02/12/2024: 15:30 – 18:30 03/12/2024: 16:00 – 18:00
Room	Microsoft Teams PhD course Life Cycle Assessment for buildings Generale Microsoft Teams

Course title	Laser scanning for architectural surveying. Techniques and applications
Lecturer	Michele Buldo
Scientific Discipline Sector	ICAR/17
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	18/03/2025 3 ore 20/03/2025 3,5 ore 25/03/2025 3,5 ore
Room	Microsoft Teams https://teams.microsoft.com/l/team/19%3A44CtreM-hHJcEAhxkaf23fJVASEDI9dp640PZG-mNimQ1%40thread.tacv2/conversations?groupId=c1186c23-2eb5-4291-9c77-d6cded107c42&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	How to build an ontology that lasts for design matters (lab)
Lecturer	Maria Rosaria Stufano Melone
Scientific Discipline Sector	ICAR/20
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	09/06/2025: 16:00-18:00 11/06/2025: 16:00-18:00 12/06/2025: 16:00-18:00 18/06/2025: 16:00-18:00 19/06/2025: 16:00-18:00
Room	On-site

Course title	Sustainable Technologies for Circular Economy in Waste Management
Lecturer	Claudia Labianca
Scientific Discipline Sector	ING-IND/22
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	06/02/2025: 11:00-14:00 13/02/2025: 11:00-14:00 20/02/2025: 11:00-14:00 27/02/2025: 11:00-14:00 06/03/2025: 11:00-14:00 13/03/2025: 11:00-14:00 20/03/2025: 11:00-13:00
Room	Microsoft Teams https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDg4MzI0YmMtNWRkOS00ODRmLTkwNmUtM2U0MjdkMjI-IOTRh%40thread.v2/0?context=%7b%22Tid%22%3a%225b406aab-a1f1-4f13-a7aa-dd573da3d332%22%2c%22Oid%22%3a%229c28e6c9-7009-41f7-a62c-61400afc6e2c%22%7d

Course title	Mechanical models for masonry structures
Lecturer	Aguinaldo Fraddosio
Scientific Discipline Sector	ICAR/08
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	09/09/2025: 15:00-18:00 11/09/2025: 15:00-18:00 16/09/2025: 15:00-18:00 18/09/2025: 15:00-18:00 23/09/2025: 15:00-18:00 25/09/2025: 15:00-18:00 30/09/2025: 15:00-17:00
Room	On-site

Course title	Seismic risk of reinforced concrete buildings: innovative modeling, analysis, and mitigation strategies
Lecturer	Dora Foti
Scientific Discipline Sector	ICAR/09
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	17/02/2025: 09:00-13:00 18/02/2025: 09:00-13:00 19/02/2025: 09:00-13:00 20/02/2025: 09:00-13:00 21/02/2025: 09:00-13:00
Room	Microsoft Teams https://teams.microsoft.com/l/team/19%3AAU1VXI-9TT9fmCec-Serf7QtyJ4xZffP9zYadmixqeEm1%40thread.tacv2/conversations?groupId=32d93557-bccc-46b7-81ac-133c5ec37da7&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Dynamic identification and structural monitoring: fundamentals and applications to wind turbines I parte
Lecturer	Pinchuk Nataliia
Scientific Discipline Sector	ICAR/08 – ICAR/09
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	04/02/2025: 10:00-12:00 11/02/2025: 10:00-12:00 18/02/2025: 10:00-12:00 25/02/2025: 10:00-12:00 04/03/2025: 10:00-12:00
Room	Microsoft Teams Dynamic identification and structural monitoring: fundamentals and applications to wind turbines General Microsoft Teams

Course title	Dynamic identification and structural monitoring: fundamentals and applications to wind turbines II parte
Lecturer	Fabio Rizzo
Scientific Discipline Sector	ICAR/08 – ICAR/09
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	11/03/2025: 09:00-11:00 18/03/2025: 09:00-11:00 25/03/2025: 09:00-11:00 01/04/2025: 09:00-11:00 08/04/2025: 09:00-11:00
Room	On-site

Course title	Bridges and critical infrastructures: seismic risk and wind-structure interaction
Lecturer	Fabio Rizzo
Scientific Discipline Sector	ICAR/09
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	01/07/2025: 09:00-11:00 01/07/2025: 11:30-13:30 08/07/2025: 09:00-11:00 08/07/2025: 11:30-13:30 15/07/2025: 09:00-11:00 15/07/2025: 11:30-13:30 22/07/2025: 09:00-11:00 22/07/2025: 11:30-13:30 29/07/2025: 09:00-11:00 29/07/2025: 11:30-13:30
Room	On-site

Course title	Numerical and heat transfer challenges in Thermal Energy storage
Lecturer	Aminhossein Jahanbin
Scientific Discipline Sector	ING-IND/10 – ING-IND/08
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	25/02/2025: 11:00-13:00 27/02/2025: 11:00-13:00 27/02/2025: 14:00-16:00 04/03/2025: 10:00-13:00 06/03/2025: 11:00-13:00 06/03/2025: 14:00-16:00 11/03/2025: 10:00-13:00 13/03/2025: 11:00-13:00 13/03/2025: 14:00-16:00
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDBjMDgzYjYtYzc3ZS00MzZjLWE5OWQtM2FmZDEzZDdlM2Iz%40thread.v2/0?context=%7b%22Tid%22%3a%225b406aab-a1f1-4f13-a7aa-dd573da3d332%22%2c%22Oid%22%3a%22d557a644-00b6-482f-89ba-e3e492ef7733%22%7d

Course title	Smart building
Lecturer	Roberto Stasi
Scientific Discipline Sector	ING-IND/11
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	31/01/2025: 14:00-16:30 04/02/2025: 14:00-16:30 07/02/2025: 14:00-16:30 11/02/2025: 14:00-16:30 14/02/2025: 14:00-16:30 18/02/2025: 14:00-16:30 21/02/2025: 14:00-16:30 25/02/2025: 14:00-16:30
Room	On-site

Course title	Indoor Comfort Evaluation
Lecturer	Francesco Martellotta
Scientific Discipline Sector	ING-IND/11
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	09/01/2025: 15:30-18:00 16/01/2025: 15:30-18:00 23/01/2025: 15:30-18:00 30/01/2025: 15:30-18:00 06/02/2025: 15:30-18:00 13/02/2025: 15:30-18:00 20/02/2025: 15:30-18:00 27/02/2025: 15:30-18:00
Room	On-site / Microsoft Teams SCUDO:Indoor comfort evaluation

Course title	Analysis and management of heritage buildings: efficiency and innovative technologies Modulo B
Lecturer	Paola Lassandro
Scientific Discipline Sector	ICAR/10 – ICAR/12
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	06/03/2025: 15:30-17:30 20/03/2025: 15:00-17:30 01/04/2025: 15:30-17:30 15/04/2025: 15:30-17:30
Room	On-site

Course title	Resilient and secure (historic) built environment in a multi-hazard perspective
Lecturer	Elena Cantatore
Scientific Discipline Sector	ICAR/10
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	17/02/2025 4 ore 18/02/2025 4 ore 19/02/2025 4 ore 20/02/2025 4 ore 21/02/2025 4 ore
Room	On-site

Course title	Distributed/Decentralized Control and Optimization of Large-Scale Systems
Lecturer	Raffaele Carli
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	28/01/2025: 09:30-12:00 29/01/2025: 15:30-18:00 04/02/2025: 09:30-12:00 06/02/2025: 09:30-12:00
Room	Microsoft Teams https://politecnicobari-my.sharepoint.com/:x/g/person/raffaele_carli_politecnico_bari/ESXZ_Sy9OWZnuAq60BsqDQBmtM9QGe1zMKsK0v1OsGzEw?e=NXTWHn

Course title	Non-integer order systems and controllers
Lecturer	Guido Maione
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	07/04/2025: 15:00-17:00 08/04/2025: 15:00-17:00 09/04/2025: 15:00-17:00 10/04/2025: 15:00-17:00 11/04/2025: 15:00-17:00
Room	Microsoft Teams https://teams.microsoft.com/l/team/19%3ABd83LFLpTgL4O8U6a4aWvd-oVwA92nu-DHY1K8hqXro1%40thread.tacv2/conversations?groupId=0e89ac57-716b-4034-97eb-01c45725b577&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Control and Security of Cyber Physical Systems
Lecturer	Liu Ruotian
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second / First
Tentative Calendar	04/03/2025: 14:00-16:30 07/03/2025: 14:00-16:30 11/03/2025: 14:00-16:30 14/03/2025: 14:00-16:30
Room	Microsoft Teams https://forms.gle/F3c2XxrhB2f9K8vt8

Course title	Game Theory for Controlling Autonomous Systems
Lecturer	Paolo Scarabaggio
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	17/06/2025: 14:00-16:30 19/06/2025: 14:00-16:30 24/06/2025: 14:00-16:30 26/06/2025: 14:00-16:30
Room	Microsoft Teams https://forms.office.com/Pages/ResponsePage.aspx?id=q2pAW_GhE0-nqt1XPaPTMv-BtgGrg99Aulm6vM89x_dUQkExWVE0VTdYQVFMTkQ0VzJUT-laNFc2Ni4u

Course title	Data-driven fault diagnosis and fault prognosis
Lecturer	Francesco Ferracuti
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	01/07/2025: 15:00-17:00 03/07/2025: 15:00-17:00 08/07/2025: 15:00-18:00 10/07/2025: 15:00-18:00
Room	Microsoft Teams https://teams.microsoft.com/l/channel/19%3AIn820tLNHmzM2GrX9uFbI3Cgk1gPVqwD0XHBFekBY1%40thread.tacv2/?groupId=3c2e5deb-d78d-4228-b5e4-96526519c536

Course title	Gaussian processes for modeling and control of robotics systems
Lecturer	Alberto Dalla Libera
Scientific Discipline Sector	ING-INF/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	13/01/2025: 10:00-12:00 15/01/2025: 10:00-12:00 17/01/2025: 10:00-12:00 20/01/2025: 10:00-12:00 22/01/2025: 10:00-12:00 24/01/2025: 10:00-12:00 27/01/2025: 10:00-12:00 29/01/2025: 10:00-12:00 31/01/2025: 10:00-12:00 03/02/2025: 10:00-12:00
Room	Microsoft Teams https://docs.google.com/spreadsheets/d/1buQA8RTqSURQGAuJHUHQar5LrsxsThzmgivBlyrCjQc/edit?usp=sharing

Course title	Human Autonomous System Interaction
Lecturer	Sabrina Iarlori
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	28/02/2025: 09:30-11:30 07/03/2025: 09:30-11:30 14/03/2025: 09:30-11:30 20/03/2025: 09:30-11:30 28/03/2025: 09:30-11:30
Room	Microsoft Teams https://teams.microsoft.com/l/channel/19%3A3-EM0wNrykCshJQN4sqgLxeNQMGcQCLTUFGyZ-RSP_A81%40thread.tacv2/?groupId=a6c66443-03ba-4306-a6e0-e6dea59764bd&tenantId=117b418d-fb21-416f-a85f-1e9ff725bf2c

Course title	Intelligent Supervisory Systems
Lecturer	Silvio Simani
Scientific Discipline Sector	ING-INF/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	08/01/2025: 09:30-12:00 14/01/2025: 09:30-12:00 16/01/2025: 09:30-12:00 21/01/2025: 09:30-12:00 23/01/2025: 09:30-12:00 27/01/2025:14:30-17:00 28/01/2025: 09:30-12:00 30/01/2025: 09:30-12:00
Room	Microsoft Teams Link form iscrizione corso: https://docs.google.com/forms/d/e/1FAIpQLSevNFFzYZwb6o1ZOXq68rkxEqnTPcloTKqzhSCJV_QEqSrJ3yQ/viewform?usp=sf_link Pagina web del corso: http://www.silviosimani.it/DAUSY-course-Simani-ICS-2025.html Link per collegamento remoto: meet.google.com/cid-xmdz-bez

Course title	Introduction to autonomous systems
Lecturer	Sauro Longhi
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	23/06/2025: 15:00-17:30 25/06/2025: 15:00-17:30 27/06/2025: 15:00-17:30 30/06/2025: 15:00-17:30
Room	Microsoft Teams https://politecnicobari-my.sharepoint.com/:x/g/person/raf-faele_carli_poliba_it/ESf-m93VBGZKoXsapeO5-aAB4j555cfmCpD-BaGzSE_gcQ?e=Ual1LS

Course title	Linear algebra for control applications
Lecturer	Matthias Pezzuto
Scientific Discipline Sector	ING-INF/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	25/02/2025: 10:00-12:00 27/02/2025: 10:00-12:00 04/03/2025: 10:00-12:00 06/03/2025: 10:00-12:00 11/03/2025: 10:00-12:00 13/03/2025: 10:00-12:00 18/03/2025: 10:00-12:00 20/03/2025: 10:00-12:00 25/03/2025: 10:00-12:00 27/03/2025: 10:00-12:00
Room	Microsoft Teams https://forms.gle/DZhrRoDhkgJcA9Vf8

Course title	Linear and nonlinear Kalman filtering: theory and applications
Lecturer	Luigi Chisci
Scientific Discipline Sector	ING-INF/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	10/02/2025: 09:00-13:00 11/02/2025: 09:00-13:00 13/02/2025: 09:00-13:00 17/02/2025: 09:00-13:00 18/02/2025: 09:00-13:00
Room	Microsoft Teams https://politecnicobari-my.sharepoint.com/:x/g/person/raf-faele_carli_poliba_it/EdEx5WZapHNIh1mbWmHaAb-cBRcN8x2ggrfBqqEzldEoanQ?e=crYPYY

Course title	Learning in multi-agent systems
Lecturer	Nicola Bastianello
Scientific Discipline Sector	ING-INF/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	25/11/2024: 10:00-12:00 29/11/2024: 10:00-12:00 02/12/2024: 10:00-12:00 06/12/2024: 10:00-12:00 09/12/2024: 10:00-12:00 13/12/2024: 10:00-12:00 07/01/2025: 10:00-12:00 10/01/2025: 10:00-12:00 13/01/2025: 10:00-12:00 17/01/2025: 10:00-12:00
Room	Microsoft Teams https://sites.google.com/view/dausy-18-learning-mas

Course title	Non-linear control
Lecturer	Karl Dietrich von Ellenrieder
Scientific Discipline Sector	ING-INF/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	09/06/2025: 10:00-12:00 10/06/2025: 10:00-12:00 11/06/2025: 10:00-12:00 12/06/2025: 10:00-12:00 13/06/2025: 10:00-12:00 16/06/2025: 10:00-12:00 17/06/2025: 10:00-12:00 18/06/2025: 10:00-12:00 19/06/2025: 10:00-12:00 20/06/2025: 10:00-12:00
Room	Microsoft Teams Course Registration https://forms.gle/Yski43KQhKUKkwmU8 Teams channel for course delivery – https://teams.microsoft.com/l/team/19%3AZeYsl5MrV-vIKlqS0xUBQzE6EWLr47M8mTORcIDuXU1%40thread.tacv2/conversations?groupId=4b982f77-8e56-4efe-8c33-3bce47db7153&tenantId=92513267-03e3-401a-80d4-c58ed6674e3b

Course title	Variable Structure Control
Lecturer	Elio Usai
Scientific Discipline Sector	ING-INF/04
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	17/02/2025: 15:00-17:00 18/02/2025: 15:00-17:00 19/02/2025: 15:00-17:00 20/02/2025: 15:00-17:00 21/02/2025: 15:00-17:00
Room	Microsoft Teams https://politecnicobari-my.sharepoint.com/:x/g/personal/raf-faele_carli_poliba_it/Ec6JhYzrWAVDv-6OSr81eJoB7cNsUUomqOZ-b9mRf9V77A

Course title	Lean production in the digital factory
Lecturer	Claudio Sassanelli
Scientific Discipline Sector	ING-IND/17
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	24/01/2025: 10:00-12:00 27/01/2025: 09:00-12:00 27/01/2025: 14:00-17:00 29/01/2025: 09:00-12:00 31/01/2025: 14:00-16:00 03/02/2025: 10:00-12:00 10/02/2025: 10:00-12:30 11/02/2025: 10:00-12:30
Room	On site / Microsoft Teams Lean production in the digital factory – Politecnico di Bari – SCUDO Teams code: snyb79y

Course title	Human-based Smart Manufacturing Systems
Lecturer	Micaela Vitti
Scientific Discipline Sector	ING-IND/17
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	10/01/2025: 09:00-13:00 17/01/2025: 09:00-13:00 24/01/2025: 09:00-13:00 31/02/2025: 09:00-13:00 07/02/2025: 09:00-12:00 07/02/2025: 17:00-18:00
Room	Microsoft Teams

Course title	Smart and sustainable last-mile logistics
Lecturer	Bartolomeo Silvestri
Scientific Discipline Sector	ING-IND/17
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	18/11/2024: 10:00-13:00 20/11/2024: 10:00-13:00 22/11/2024: 10:00-13:00 25/11/2024: 10:00-13:00 27/11/2024: 15:00-17:00 29/11/2024: 10:00-13:00 02/12/2024: 10:00-13:00
Room	On-site

Course title	Management and Business research
Lecturer	Antonio Messeni Petruzzelli
Scientific Discipline Sector	ING-IND/35
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	21/03/2025: 09:30-13:30 04/04/2025: 09:30-13:30 28/04/2025: 09:30-13:30 22/05/2025: 09:30-13:30 19/06/2025: 09:30-13:30
Room	Microsoft Teams https://teams.microsoft.com/l/team/19%3AMNqe1Xrg7s34KeuPH09ZvXrKfealTI3nE5swK8isH3I1%40thread.tacv2/conversations?groupId=0811682c-f13d-4282-9612-83769f96c181&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	From qualitative to quantitative methods in business research
Lecturer	Daniele Sandro Rotolo
Scientific Discipline Sector	ING-IND/35
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	04/03/2025: 08:30-13:30 11/03/2025: 08:30-13:30 18/03/2025: 08:30-13:30 25/03/2025: 08:30-13:30
Room	Microsoft Teams https://teams.microsoft.com/l/channel/19%3A7ZuRw6iQ3-pCn_RKP6Z_9bmoan-lcCj7hWy2h2YM5CFQ1%40thread.tacv2/?groupId=594cd78d-288f-4abb-8b70-7ec13a4d810f

Course title	Empirical research on sustainable innovation and resilience Parte I
Lecturer	Rosa Maria Dangelico
Scientific Discipline Sector	ING-IND/35
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	05/02/2025: 09:00-14:00 12/02/2025: 09:00-14:00
Room	On-site

Course title	Empirical research on sustainable innovation and resilience Parte I
Lecturer	Roberta Pellegrino
Scientific Discipline Sector	ING-IND/35
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	17/02/2025: 09:00-14:00 24/02/2025: 09:00-14:00
Room	On-site

Course title	Inertial sensors
Lecturer	Francesco Dell'Olio
Scientific Discipline Sector	ING-INF/01
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	15/01/2025: 10:00-13:00 22/01/2025: 10:00-13:00 29/01/2025: 10:00-13:00 05/02/2025: 10:00-13:00 12/02/2025: 10:00-13:00 19/02/2025: 10:00-13:00 26/02/2025: 11:00-13:00
Room	On-site

Course title	Design of optical fiber devices with Finite Element Method
Lecturer	Antonella Maria Loconsole
Scientific Discipline Sector	ING-INF/02
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	08/09/2025: 11:00-13:00 09/09/2025: 11:00-13:00 10/09/2025: 11:00-13:00 11/09/2025: 11:00-13:00 12/09/2025: 11:00-13:00
Room	On-site PhD course: Design of optical fiber devices with Finite Element Method Generale Microsoft Teams

Course title	Electromagnetic design via professional softwares
Lecturer	Antonella Maria Loconsole
Scientific Discipline Sector	ING-INF/02
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	10/02/2025: 11:00-13:00 11/02/2025: 11:00-13:00 12/02/2025: 11:00-13:00 13/02/2025: 11:00-13:00 14/02/2025: 11:00-13:00
Room	On-site PhD course: Electromagnetic design via professional softwares Generale Microsoft Teams

Course title	Green Photonics for a sustainable economy
Lecturer	Khalid Muhammad
Scientific Discipline Sector	ING-INF/02
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	20/01/2025: 10:00-11:40 23/01/2025: 10:00-11:40 27/01/2025: 10:00-11:40 30/01/2025: 10:00-11:40 03/02/2025: 10:00-11:40 06/02/2025: 10:00-11:40
Room	Microsoft Teams https://teams.microsoft.com/l/team/19%3A3Cp11dg20sQuOwl0YCbWltCOhaVF-sEgY8Z4-MMVC3rA1%40thread.tacv2/conversations?groupId=7e360662-9efa-4366-9e9f-4db496f0c0a2&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Antenna Technology for 5G communications: propagation arrays and integration
Lecturer	Ilaria Marasco
Scientific Discipline Sector	ING-INF/02
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	04/06/2025: 10:30-13:00 11/06/2025: 10:30-13:00 18/06/2025: 10:30-13:00 25/06/2025: 10:30-13:00
Room	Microsoft Teams PhD Course:Antenna technology for 5G Communications: propagation, arrays and integration 2024/25 Generale Microsoft Teams

Course title	Supervision and monitoring of renewable energy systems
Lecturer	Silvano Vergura
Scientific Discipline Sector	ING-IND/31
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	18/02/2025: 14:30-17:00 20/02/2025: 14:30-17:00 25/02/2025: 14:30-17:00 27/02/2025: 14:30-17:00
Room	Microsoft Teams Phd - Supervision and monitoring of renewable energy systems Generale Microsoft Teams

Course title	Micromagnetic modeling
Lecturer	Andrea Meo
Scientific Discipline Sector	ING-IND/31
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	11/11/2024: 10:00-12:30 13/11/2024: 10:00-12:30 15/11/2024: 10:00-12:30 18/12/2024: 10:00-12:30
Room	Microsoft Teams PhD Course in Micromagnetic Modeling General Microsoft Teams

Course title	Spintronics applications
Lecturer	Riccardo Tomasello
Scientific Discipline Sector	ING-IND/31
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	22/11/2024: 10:30-13:00 25/11/2024: 10:30-13:00 29/11/2024: 10:30-13:00 02/12/2024: 10:30-13:00
Room	Microsoft Teams PhD Course in Micromagnetic Modeling General Microsoft Teams

Course title	Power Systems Simulation Tools
Lecturer	Gioacchino Tricarico
Scientific Discipline Sector	ING-IND/33
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	13/11/2024: 09:00-13:00 14/11/2024: 09:00-13:00 20/11/2024: 09:00-13:00 21/11/2024: 09:00-13:00 05/12/2024: 09:00-13:00
Room	On-site / Microsoft Teams Power Systems Simulation Tools Generale Microsoft Teams

Course title	Numerical Methods for Big Data
Lecturer	Marina Popolizio
Scientific Discipline Sector	MAT/08
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	14/01/2025: 2 ore 16/01/2025: 2 ore 21/01/2025: 2 ore 23/01/2025: 2 ore 28/01/2025: 2 ore 30/01/2025: 2 ore 04/02/2025: 2 ore 06/02/2025: 2 ore 11/02/2025: 2 ore 13/02/2025: 2 ore
Room	Microsoft Teams https://teams.microsoft.com/l/team/19%3Awnn86gR4LRFEXM_XDit0vkFFg82_OiD-siTq6GIMRws1%40thread.tacv2/conversations?groupId=f9246a93-bd44-47e3-b283-be1fc7d15a6b&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Numerical Methods for Multidimensional Differential Problems
Lecturer	Alessandro Coclite
Scientific Discipline Sector	MAT/08
Hours of instruction	10 hours
CFU	1 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	22/10/2024: 10:00-12:30 29/10/2024: 10:00-12:30 31/10/2024: 10:00-12:30 05/11/2024: 10:00-12:30
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/channel/19%3Ai-DRjHf2ykeclGbFTimmEIZ1jkQ6XKl-BuHF_Br5sYqCo1%40thread.tacv2/?groupId=29ecadc3-3911-4335-827c-0c379fbc9ce3&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Low carbon structural design and retrofitting of concrete infrastructures using advanced composites
Lecturer	Saverio Spadea
Scientific Discipline Sector	ICAR/09
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	03/06/2025: 15:00-17:30 06/06/2025: 15:00-17:30 10/06/2025: 15:00-17:30 16/06/2025: 15:00-17:30 Completamento secondo semestre
Room	Microsoft Teams Low carbon structural design and retrofitting of concrete infrastructures using advanced composites Generale Microsoft Teams

Course title	Practical Course in physical modelling for coastal engineering
Lecturer	Matteo Gianluca Molfetta
Scientific Discipline Sector	ICAR/02
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	12/05/2025: 14:00-18:00 15/05/2025: 14:00-18:00 19/05/2025: 14:00-18:00 26/05/2025: 14:00-18:00 28/05/2025: 14:00-18:00
Room	On-site / Microsoft Teams https://politecnicobari.sharepoint.com/:u:/r/sites/PracticalCourseinphysicalmodellingforcoastalengineering/SitePages/ClassHome.aspx?csf=1&web=1&share=EekyfaLzyRZGo3aRFbJUle-sBWJKmFM5N4oySOA7LQBIXzw&e=Y94AL5

Course title	Meteomarine forcing and design of maritime constructions
Lecturer	Maria Francesca Bruno
Scientific Discipline Sector	ICAR/02
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	04/02/2025: 14:00-18:00 11/02/2025: 14:00-18:00 18/02/2025: 14:00-18:00 25/02/2025: 14:00-18:00 04/03/2025: 14:00-18:00
Room	On-site / Microsoft Teams https://politecnicobari.sharepoint.com/:u:/r/sites/Meteomarine-forcinganddesignofmaritimeconstructions2/SitePages/ClassHome.aspx?csf=1&web=1&share=ETIV9BKmEN-pFm0YTvcpbG90BQq5wFtapCpZAs0-LL0a8jQ&e=PdcFVU

Course title	Elements of digital transition in civil engineering
Lecturer	Daniele Biagio Laucelli
Scientific Discipline Sector	ICAR/02
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	03/02/2025: 09:00-11:00 05/02/2025: 09:00-12:00 07/02/2025: 09:00-12:00 10/02/2025: 09:00-12:00 14/02/2025: 09:00-12:00 17/02/2025: 09:00-12:00 21/02/2025: 09:00-12:00
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/channel/19%3afuDh5ni-QxKv_ilot0GeN8ptx9DC-CtfM5hoAnS1MVTM1%40thread.tacv2/Generale?groupId=a2bd80a9-8fb5-4212-b0c0-c8971fc83152&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Innovation of business models in the civil infrastructure sector
Lecturer	Umberto Panniello
Scientific Discipline Sector	ING-IND/35
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	16/09/2025: 4 ore 17/09/2025: 4 ore 18/09/2025: 4 ore 23/09/2025: 4 ore 24/09/2025: 4 ore
Room	On-site

Course title	Innovative approaches and digital tools for ecological land planning
Lecturer	Laura Grassini
Scientific Discipline Sector	ICAR/20
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	28/01/2025: 08:30-11:30 29/01/2025: 08:30-11:30 31/01/2025: 08:30-11:30 04/02/2025: 08:30-11:30 05/02/2025: 08:30-11:30 07/02/2025: 08:30-13:30
Room	On-site

Course title	Open Source and Innovative tools for simulating transport systems
Lecturer	Nadia Giuffrida
Scientific Discipline Sector	ICAR/05
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	11/09/2025: 09:00-14:00 12/09/2025: 09:00-14:00 15/09/2025: 09:00-14:00 17/09/2025: 09:00-14:00
Room	On-site / Microsoft Teams Open Source and Innovative tools for simulating transport systems Generale Microsoft Teams

Course title	Innovative techniques and methodologies for the reuse of materials in road, railway and airport constructions
Lecturer	Stefano Coropulis
Scientific Discipline Sector	ICAR/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	02/12/2024: 09:00-13:00 03/12/2024: 15:00-19:00 04/12/2024: 09:00-13:00 05/12/2024: 15:00-19:00 06/12/2024: 14:00-18:00
Room	On-site / Microsoft Teams Innovative techniques and methodologies for the reuse of materials in road, railway and airport constructions Generale Microsoft Teams

Course title	Road infrastructure for intelligent mobility
Lecturer	Stefano Coropulis
Scientific Discipline Sector	ICAR/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	16/12/2024: 09:00-13:00 17/12/2024: 15:00-19:00 18/12/2024: 09:00-13:00 19/12/2024: 15:00-19:00 20/12/2024: 14:00-8:00
Room	On-site / Microsoft Teams Road infrastructure for intelligent mobility Generale Microsoft Teams

Course title	The architecture of construction
Lecturer	Nicola Panzini
Scientific Discipline Sector	ICAR/12
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	04/11/2024: 14:30-18:30 07/11/2024: 14:30-18:30 11/11/2024: 14:30-18:30 14/11/2024: 14:30-18:30 21/11/2024: 14:30-18:30
Room	On-site

Course title	The architecture of structural forms
Lecturer	Tiziano De Venuto
Scientific Discipline Sector	ICAR/14
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	27/03/2025: 16:00-18:30 03/04/2025: 16:00-18:30 07/04/2025: 16:00-18:30 10/04/2025: 16:00-18:30 17/04/2025: 16:00-18:30 02/05/2025: 16:00-18:30 15/05/2025: 16:00-18:30 19/05/2025: 16:00-18:30
Room	On-site

Course title	Analysis and representation techniques for architectural research
Lecturer	Valentina Castagnolo
Scientific Discipline Sector	ICAR/17
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	30/04/2025: 09:30-11:30 07/05/2025: 09:30-11:30 14/05/2025: 09:30-13:30 21/05/2025: 09:30-13:30 28/05/2025: 09:30-13:30 04/06/2025: 09:30-13:30
Room	On-site / Microsoft Teams https://msteams.link/N2FU

Course title	Historical research and study of contemporary architecture and city
Lecturer	Antonio Labalestra
Scientific Discipline Sector	ICAR/18
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	04/12/2024: 15:00-18:00 19/12/2024: 15:00-18:00 15/01/2025: 15:00-18:30 22/01/2025: 15:00-18:30 29/01/2025: 15:00-18:30 18/02/2025: 15:00-18:30 28/02/2025: 15:00-18:30
Room	On-site / Microsoft Teams scudo 2022-2023 Labalestra Generale Microsoft Teams

Course title	Spacecraft Structural Dynamics & Loads
Lecturer	Francesco Ciampa
Scientific Discipline Sector	ING-IND/04
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	10/02/2025: 10:00-13:00 11/02/2025: 10:00-13:00 12/02/2025: 10:00-13:00 13/02/2025: 10:00-13:00 14/02/2025: 10:00-13:00 17/02/2025: 10:00-13:00 18/02/2025: 10:00-12:00
Room	On-site / Microsoft Teams Spacecraft Structural Dynamics & Loads Generale Microsoft Teams

Course title	Hypersonic aerothermodynamics modelling and simulation
Lecturer	Davide Ninni
Scientific Discipline Sector	ING-IND/06
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	18/11/2024: 10:30-12:30 20/11/2024: 10:30-12:30 22/11/2024: 10:30-12:30 25/11/2024: 10:30-12:30 27/11/2024: 10:30-12:30 29/11/2024: 10:30-12:30 02/12/2024: 10:30-12:30 04/12/2024: 10:30-12:30 06/12/2024: 10:30-12:30 09/12/2024: 10:30-12:30
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/team/19%3AFGQHvXjM-bodx7r2TZ1qJX7MPOyycypxbhTN63Zo9lHI1%40thread.tacv2/conversations?groupId=3fab3a74-14ac-4e59-8f1e-a14d5025159c&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Optical communications for space
Lecturer	Ilaria Marasco
Scientific Discipline Sector	ING-INF/02
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	01/04/2025: 10:30-13:00 03/04/2025: 10:30-13:00 08/04/2025: 10:30-13:00 10/04/2025: 10:30-13:00 15/04/2025: 10:30-13:00 17/04/2025: 10:30-13:00 22/04/2025: 10:30-13:00 24/04/2025: 10:30-13:00
Room	On-site / Microsoft Teams Phd Course: Optical communications for space 2024/25 Generale Microsoft Teams

Course title	Space Commercialization
Lecturer	Luca del Monte
Scientific Discipline Sector	ING-IND/35
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	14/01/2025: 10:00-12:00 15/01/2025: 10:00-12:00 05/03/2025: 10:00-12:00 04/02/2025: 14:00-17:00 24/02/2025: 13:00-15:00 25/02/2025: 14:00-16:00 10/03/2025: 14:00-16:00 05/2025: 5 ore
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/meetup-join/19%3ameeting_MTg4Yzg2YTQtMDBiMy00NzEyLThmY2YtZTBhMTgxMjhlMDU5%40thread.v2/0?context=%7b%22Tid%22%3a%229a5cacd0-2bef-4dd7-ac5c-7ebe1f54f495%22%2c%22Oid%22%3a%22c5cd8f37-e833-434f-8d5c-7e1eab4d1843%22%7d

Course title	Contact Mechanics
Lecturer	Nicola Menga
Scientific Discipline Sector	ING-IND/13
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	07/04/2025: 10:00-14:00 07/04/2025: 15:00-17:00 08/04/2025: 10:00-14:00 08/04/2025: 15:00-17:00 09/04/2025: 10:00-14:00 09/04/2025: 15:00-17:00 10/04/2025: 10:00-12:00
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/team/19%3AvkeCSeVTew85RjLHvI0VDek4gdOpxEu7GJGLqJofLvE1%40thread.tacv2/conversations?groupId=3e507598-c5a7-40b2-88e0-b4cf96ce1c7b&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Numerical Approaches to Solid and Applied Mechanics: Boundary Element Methods (BEM)
Lecturer	Carmine Putignano
Scientific Discipline Sector	ING-IND/13
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	16/01/2025: 08:20-13:20 23/01/2025: 08:20-13:20 30/01/2025: 08:20-13:20 06/02/2025: 08:20-13:20
Room	On-site

Course title	Design of User Experience to exploit Extended Reality for the enhancement of research activities
Lecturer	Michele Gattullo
Scientific Discipline Sector	ING-IND/15
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	13/06/2025: 2 ore 20/06/2025: 2 ore 27/06/2025: 3 ore 30/06/2025: 2 ore 04/07/2025: 2 ore 07/07/2025: 2 ore 11/07/2025: 2 ore 14/07/2025: 3 ore 18/07/2025: 2 ore
Room	On-site / Microsoft Teams SCUDO - Design of User Experience to exploit Extended Reality for the enhancement of research activities Generale Microsoft Teams

Course title	Non-Destructive Testing (NDT) : Process, Types and Applications in Mechanical Engineering
Lecturer	Ester D'Accardi
Scientific Discipline Sector	ING-IND/14
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /Second
Tentative Calendar	17/06/2025: 15:00-17:00 19/06/2025: 15:00-17:00 24/06/2025: 15:00-17:00 26/06/2025: 15:00-17:00 01/07/2025: 15:00-17:00 03/07/2025: 15:00-17:00 15/07/2025: 15:00-18:00 17/07/2025: 15:00-18:00 22/07/2025: 15:00-17:00
Room	On-site

Course title	Digital Manufacturing for Biomedical Applications
Lecturer	Giuseppe Casalino
Scientific Discipline Sector	ING-IND/16
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	<p>21/01/2025: 11:50-13:30 03/02/2025: 11:50-13:30 04/02/2025: 11:50-13:30 06/02/2025: 11:50-13:30 10/02/2025: 11:50-13:30 12/02/2025: 11:50-13:30 13/02/2025: 11:50-13:30 17/02/2025: 11:50-13:30 18/02/2025: 11:50-13:30 20/02/2025: 11:50-13:30</p> <p>200 minutes office hours and complementary activities agreed upon by the students will be delivered</p>
Room	<p>On-site Aula n. 13 / Microsoft Teams https://teams.microsoft.com/l/team/19%3AjXjaN9GfCvvlQkJQR-goOggPGxQI8tAY9MfpUL1jgqI1%40thread.tacv2/conversations?groupId=5e84906f-3cd6-4966-9288-05621a7463fe&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</p>

Course title	Manufacturing modeling and simulation
Lecturer	Nicola Contuzzi
Scientific Discipline Sector	ING-IND/16
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	21/01/2025: 14:30-16:30 23/01/2025: 14:30-16: 30 28/01/2025: 14:30-16: 30 30/01/2025: 14:30-16: 30 04/02/2025: 14:30-16: 30 06/02/2025: 14:30-16: 30 11/02/2025: 14:30-16: 30 13/02/2025: 14:30-16: 30 18/02/2025: 14:30-16: 30 20/02/2025: 14:30-16: 30
Room	On-site / Microsoft Teams https://teams.microsoft.com/l/team/19%3AwjJV5V8sU5jIRbiKlo-CIhRb1Nsk8tRFaV_fP7BuXnuQ1%40thread.tacv2/conversations?groupId=619140ce-f8df-494b-8d35-84d88ad062d9&tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332

Course title	Adjoint methods for gradient-based optimisation and control of energy systems
Lecturer	Alessandro Giannotta
Scientific Discipline Sector	ING-IND/08
Hours of instruction	20 hours
CFU	2 credit (ECTS)
Year/Semester	Second /First
Tentative Calendar	14/01/2025: 16:30-19:00 16/01/2025: 16:30-19:00 21/01/2025: 16:30-19:00 23/01/2025: 16:30-19:00 28/01/2025: 16:30-19:00 30/01/2025: 16:30-19:00 04/02/2025: 16:30-19:00 06/02/2025: 16:30-19:00
Room	On-site https://teams.microsoft.com/l/channel/19%3ABiliXZePYvhiGyE_aKYvCOxmPrI7vR-AbA7utIbFGS81%40thread.tacv2/?groupId=98f2bd68-4933-40b0-816d-39de1138b365