



POLITECNICO
MILANO 1863

Academic Year 2021/2022

Courses offered by the programme

**Dott. - MI (1385) Modelli e Metodi Matematici per l'Ingegneria / Mathematical Models
and Methods in Engineering**

Milano Leonardo campus

Code	SSD	Course Title	CFU	Time Schedule	PhD program
057416	--	(SEMI)GROUP THEORY AND AUTOMATA <i>Rodaro Emanuele</i>	5.00	21 Mar 2022 17 Jun 2022	--
057418	--	ADVANCED NUMERICAL METHODS FOR PREDICTIVE DIGITAL TWINS <i>Zunino Paolo, Manzoni Andrea</i>	5.00	01 Apr 2022 31 May 2022	--
057333	--	ADVANCED STATISTICAL LEARNING FOR COMPLEX DATA <i>Ieva Francesca, Menafoglio Alessandra</i>	5.00	01 Jan 2022 28 Feb 2022	DATA ANALYTICS AND DECISION SCIENCES - MI (1387)
053494	MAT/03	DISCRETE AND GEOMETRIC TOMOGRAPHY <i>Dulio Paolo</i>	5.00	21 Mar 2022 27 May 2022	--
056325	--	HIGH-ORDER DISCRETIZATION METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS <i>Dede' Luca, Antonietti Paola Francesca</i>	5.00	13 Jun 2022 22 Jun 2022	--
056320	MAT/08	MATHEMATICAL METHODS FOR DEEP LEARNING <i>Verani Marco, Miglio Edie</i>	5.00	04 Jul 2022 22 Jul 2022	--
057822	MAT/05	MATHEMATICAL TOPICS IN FLUID MECHANICS <i>Gazzola Filippo, Galdi Giovanni Paolo</i>	5.00	10 Jan 2022 31 Mar 2022	--
057411	--	MATHEMATICS OF QUANTUM MECHANICS <i>Correggi Michele</i>	5.00	10 Jan 2022 31 Mar 2022	--
053501	MAT/08	NUMERICAL METHODS FOR THE FLUID STRUCTURE INTERACTION PROBLEM <i>Formaggia Luca, Vergara Christian</i>	5.00	17 Jan 2022 21 Jan 2022	--
057412	--	NUMERICAL METHODS FOR THE GEOSCIENCES <i>Scotti Anna, Fumagalli Alessio</i>	5.00	24 Jan 2022 18 Feb 2022	--
057413	--	NUMERICAL OPTIMAL CONTROL IN ENGINEERING, FINANCE AND QUANTUM MECHANICS <i>Ciamarella Gabriele</i>	5.00	01 Apr 2022 30 Apr 2022	--
057414	--	NUMERICAL SOLUTIONS OF SYSTEMS OF POLYNOMIALS <i>Notari Roberto, Lella Paolo</i>	5.00	01 Dec 2021 28 Feb 2022	--
053499	MAT/08	PYTHON FOR SCIENTIFIC COMPUTING <i>Miglio Edie</i>	5.00	28 Jun 2022 11 Jul 2022	--
057415	--	QUANTUM INFORMATION - A PRIMER COURSE <i>Toigo Alessandro</i>	5.00	15 Nov 2021 23 Dec 2021	--
057409	--	REACTION-DIFFUSION EQUATIONS <i>Verzini Gianmaria, Soave Nicola</i>	5.00	01 Mar 2022 30 Apr 2022	--
057410	--	SEMIGROUPS OF LINEAR OPERATORS AND APPLICATIONS TO EVOLUTION EQUATIONS <i>Conti Monica, Pata Vittorino</i>	5.00	04 Apr 2022 20 May 2022	--
057408	MAT/06	WASSERSTEIN METRICS: FROM DIFFUSION EQUATIONS TO STATISTICAL ISSUES <i>Muratori Matteo, Bassetti Federico</i>	5.00	17 Jan 2022 04 Mar 2022	--