

1. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATHEMATICAL MODELLING – FIRST YEAR
21 September 2026 – 8 January 2027	“INTERMATHS” & JOINT MSC “MATHMODS” & REALMATHS DOUBLE MSC – PATH B (WITH LUH) & Double Degree with Odesa I.I.Mechnikov National University (ONU)
SUBJECTS	
Applied Partial Differential Equations (S.Fagioli, A.Esposito, 6 CFU) TEAMS code:	Real and Functional Analysis (M. Di Francesco, 9 CFU) TEAMS code:
Introduction to Mathematical Control Theory (C. Pignotti, M. Palladino; 6 CFU) TEAMS code:	Dynamical Systems and Bifurcation Theory (B. Rubino, M. Palladino, 6 CFU) TEAMS code:
Italian Language for Foreigners (level A1) (3 CFU) TEAMS code:	

TIME ①	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30			Applied PDEs	Aula Biancofiore A.1.7 Ricamo		Aula Biancofiore A.1.7 Ricamo	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Real and Functional Analysis	A1.6 Turing
09:30-10:30			Applied PDEs	Aula Biancofiore A.1.7 Ricamo		Aula Biancofiore A.1.7 Ricamo	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Real and Functional Analysis	A1.6 Turing
10:30-11:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo		Aula Biancofiore A.1.7 Ricamo				
11:30-12:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo	Applied PDEs	Aula Biancofiore A.1.7 Ricamo	Applied PDEs	Aula Biancofiore A.1.7 Ricamo
12:30-13:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo	Applied PDEs	Aula Biancofiore A.1.7 Ricamo	Applied PDEs	Aula Biancofiore A.1.7 Ricamo
14:30-15:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo				
15:30-16:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo				
16:30-17:30										
17:30–18:30										

2. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING FIRST YEAR
21 September 2026 – 8 January 2027	REALMATHS DOUBLE MSC – PATH A & Double Degree with Kharkiv National University of Radio Electronics (NURE) – option1 & Double Degree with Lviv Polytechnic National University (LPNU) & Double Degree with Kwame Nkrumah University of Science and Technology (KNUST) -- paths 1 and 2 & Double Degree with University of Energy and Natural Resources (UENR).
SUBJECTS	
Applied Partial Differential Equations (D.Amadori, 6 CFU) TEAMS code:	Real and Complex Analysis (R. Sampalmieri, M. Caponi, 9 CFU) TEAMS code:
Control Systems and Machine Learning (M. Di Ferdinando, V. De Iuliis, 9 CFU), TEAMS code:	Modelling and simulation of water-related natural hazards (M. Di Risio, D. Pasquali, 6 CFU) ** -- Only for (UENR) TEAMS code:
Dynamical Systems and Bifurcation Theory (M. Palladino, 6 CFU) TEAMS code:	Systems Biology* (A. Borri, 6 CFU) -- Only for (KNUST) paths 1 TEAMS code:
	Italian Language for Foreigners (level A1) (3 CFU) TEAMS code

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TIME ☹	MONDAY	Classroom	TUESDAY	Class-room	WEDNESDAY	Classroom	THURSDAY	Class-room	FRIDAY	Classroom
08:30-09:30	Real and Complex Analysis	Aula Biancofiore A.1.7 Ricamo	Real and Complex Analysis	A1.6 Turing	Real and Complex Analysis	Aula Rossa A.1.8 Ricamo				
09:30-10:30	Real and Complex Analysis	Aula Biancofiore A.1.7 Ricamo	Real and Complex Analysis	A1.6 Turing	Real and Complex Analysis	Aula Rossa A.1.8 Ricamo			Applied PDEs	Aula Biancofiore A.1.7 Ricamo
10:30-11:30	Real and Complex Analysis	Aula Biancofiore A.1.7 Ricamo	Real and Complex Analysis	A1.6 Turing	Real and Complex Analysis	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A.1.8 Ricamo	Applied PDEs	Aula Biancofiore A.1.7 Ricamo
11:30-12:30	Modelling and simulation of water-related natural hazards**	A.0.6 Ricamo	Dynamical Systems and Bifurcation Theory	A1.6 Turing	Applied PDEs	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	C.1.10 Coppito 2
12:30-13:30	Modelling and simulation of water-related natural hazards**	A.0.6 Ricamo	Dynamical Systems and Bifurcation Theory	A1.6 Turing	Applied PDEs	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	C.1.10 Coppito 2
14:30-15:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.2.5 Ricamo	Modelling and simulation of water-related natural hazards**	Lab.Ma t.Mod.			Applied PDEs	Aula Rossa A.1.8 Ricamo	Systems Biology*	A.0.6 Ricamo
15:30-16:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.2.5 Ricamo	Modelling and simulation of water-related natural hazards**	Lab.Ma t.Mod.			Applied PDEs	Aula Rossa A.1.8 Ricamo	Systems Biology*	A.0.6 Ricamo
16:30-17:30	Control Systems and Machine Learning	Aula Biancofiore A.2.5 Ricamo	Modelling and simulation of water-related natural hazards**	Lab.Ma t.Mod.	Dynamical Systems and Bifurcation Theory	Aula Rossa A.1.8 Ricamo	Systems Biology*	A.0.6 Ricamo		

17:30–18:30	Control Systems and Machine Learning	Aula Biancofiore A.2.5 Ricamo			Dynamical Systems and Bifurcation Theory	Aula Rossa A.1.8 Ricamo	Systems Biology*	A.0.6 Ricamo	Real and Complex Analysis	Aula Biancofiore A.1.7 Ricamo
18:30–19:30							Systems Biology*	A.0.6 Ricamo	Real and Complex Analysis	Aula Biancofiore A.1.7 Ricamo

3. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – FIRST YEAR
21 September 2026 – 8 January 2027	INTERNATIONAL STUDY TRACKS “REALMATHS” Double Degree with Ivan Franko National University of Lviv (IFNUL) Branch “UAQ-IFNUL”
SUBJECTS	
Applied Partial Differential Equations (D. Amadori, 6 CFU) TEAMS code:	Control Systems and Machine Learning (M. Di Ferdinando, V. De Iuliis, 9 CFU) TEAMS code:
Dynamical Systems and Bifurcation Theory (M. Palladino, 6 CFU) TEAMS code:	Introduction to Mathematical Control Theory (C. Pignotti, M. Palladino, 6 CFU) TEAMS code:
Italian Language for Foreigners (level A1) (3 CFU) TEAMS code:	

TIME ①	MONDAY	Classroom	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30							Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo		
09:30-10:30							Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Applied PDEs	Aula Biancofiore A.1.7 Ricamo
10:30-11:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo					Control Systems and Machine Learning	Aula Rossa A.1.8 Ricamo	Applied PDEs	Aula Biancofiore A.1.7 Ricamo
11:30-12:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	A1.6 Turing	Applied PDEs	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	C.1.10 Coppito 2
12:30-13:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	A1.6 Turing	Applied PDEs	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	C.1.10 Coppito 2
14:30-15:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.2.5 Ricamo					Applied PDEs	Aula Rossa A.1.8 Ricamo		
15:30-16:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.2.5 Ricamo					Applied PDEs	Aula Rossa A.1.8 Ricamo		
16:30-17:30	Control Systems and Machine Learning	Aula Biancofiore A.2.5 Ricamo			Dynamical Systems and Bifurcation Theory	Aula Rossa A.1.8 Ricamo				
17:30-18:30	Control Systems and Machine Learning	Aula Biancofiore A.2.5 Ricamo			Dynamical Systems and Bifurcation Theory	Aula Rossa A.1.8 Ricamo				

4. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – FIRST YEAR
	Local students
COMPULSORY COURSES	
Advanced Analysis (C. Lattanzio, M. Di Francesco, 9 CFU) TEAMS code:	Advanced Scientific Computing (C. Scalone, 6 CFU) TEAMS code:
Dynamical systems and bifurcation theory (B. Rubino, M. Palladino, 6 CFU) TEAMS code:	Control systems and Machine Learning (M. Di Ferdinando, V. De Iuliis, 6 CFU) TEAMS code:
Mathematical fluid dynamics (D. Donatelli, 6 CFU) TEAMS code:	English as a foreign language (level C1.1) (3 ECTS)

TIME ⌚	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30	Mathematical fluid dynamics	A.1.1 Ricamo	Mathematical fluid dynamics	A.1.1 Ricamo	English as a foreign language	Lab. HPC			Advanced Scientific Computing	A1.2 Turing
09:30-10:30	Mathematical fluid dynamics	A.1.1 Ricamo	Mathematical fluid dynamics	A.1.1 Ricamo	English as a foreign language	Lab. HPC			Advanced Scientific Computing	A1.2 Turing
10:30-11:30					English as a foreign language	Lab. HPC	Control Systems and Machine Learning	Aula Rossa A.1.8 Ricamo	Advanced Scientific Computing	A1.2 Turing
11:30-12:30			Advanced Scientific Computing	A1.5 Turing	Mathematical fluid dynamics	A.1.1 Ricamo	Control Systems and Machine Learning	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	C.1.10 Coppito 2
12:30-13:30			Advanced Scientific Computing	A1.5 Turing	Mathematical fluid dynamics	A.1.1 Ricamo	Control Systems and Machine Learning	Aula Rossa A.1.8 Ricamo	Control Systems and Machine Learning	C.1.10 Coppito 2
14:30-15:30	Advanced Analysis Dynamical Systems and Bifurcation Theory	A1.3 Turing Aula Biancofiore A.1.7 Ricamo	Advanced Analysis Dynamical Systems and Bifurcation Theory	A1.6 Turing Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Advanced Analysis	A1.7 Turing		
15:30-16:30	Advanced Analysis Dynamical Systems and Bifurcation Theory	A1.3 Turing Aula Biancofiore A.1.7 Ricamo	Advanced Analysis Dynamical Systems and Bifurcation Theory	A1.6 Turing Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Advanced Analysis	A1.7 Turing		
16:30-17:30	Control Systems and Machine Learning	Aula Biancofiore A.2.5 Ricamo					Advanced Analysis	A1.7 Turing		
17:30-18:30	Control Systems and Machine Learning	Aula Biancofiore A.2.5 Ricamo								

5. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR
21 September 2026 – 8 January 2027	REALMATH (WITH IFNUL)
SUBJECTS	
Advanced Analysis (R.Plaza, 6 ECTS) TEAMS code:	Introduction to Mathematical Control Theory (C. Pignotti, M. Palladino, 6 ECTS) TEAMS code:
Italian Language for Foreigners (level A1) (3 ECTS) TEAMS code:	Stochastic numerical methods (R.D'Ambrosio, 3 CFU) TEAMS code:
Advanced Scientific Computing (C. Scalone, 6 ECTS) TEAMS code:	

TIME ①	MONDAY	Classroom	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Classroom
08:30-09:30					Stochastic numerical methods	C1.16 Coppito 2	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Advanced Scientific Computing	A1.2 Turing
09:30-10:30					Stochastic numerical methods	C1.16 Coppito 2	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Advanced Scientific Computing	A1.2 Turing
10:30-11:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo			Stochastic numerical methods	C1.16 Coppito 2			Advanced Scientific Computing	A1.2 Turing
11:30-12:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Advanced Scientific Computing	A1.5 Turing					Stochastic numerical methods	C1.16 Coppito 2
12:30-13:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo	Advanced Scientific Computing	A1.5 Turing					Stochastic numerical methods	C1.16 Coppito 2
14:30-15:30	Advanced Analysis	A1.7 Turing					Advanced Analysis	A1.1 Turing		
15:30-16:30	Advanced Analysis	A1.7 Turing					Advanced Analysis	A1.1 Turing		
16:30-17:30	Advanced Analysis	A1.7 Turing					Advanced Analysis	A1.1 Turing		
17:30-18:30										

6. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR
21 September 2026 – 8 January 2027	INTERNATIONAL STUDY TRACKS “REALMATHS” Double Degree with Taras Shevchenko National University of Kyiv (TSNUK) Branch “Applied Mathematics”
SUBJECTS	
Dynamical Systems and Bifurcation Theory (B. Rubino, M. Palladino, 6 CFU), TEAMS code:	Artificial Intelligence and Machine Learning for Natural Hazards Risk Assessment (F. Di Michele, 6 CFU) TEAMS code:
Real and Functional Analysis (M. DiFrancesco, 9 CFU) TEAMS code:	Mathematical Modelling and HPC Simulation of Natural Disasters (D. Pera, 6 CFU) TEAMS code:
Machine learning for smart city automation (A. D’Innocenzo, C.Manes, 6 CFU) TEAMS code:	Italian Language for Foreigners (level A2) (3 CFU) TEAMS code:

TIME ②	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30							AI & MA for Natural Hazards Risk Assessment	Lab. HPC	Real and Functional Analysis	A1.6 Turing
09:30-10:30					Math. Modelling and HPC Simulation of Natural Disasters	A.0.6 Ricamo	AI & MA for Natural Hazards Risk Assessment	Lab. HPC	Real and Functional Analysis	A1.6 Turing
10:30-11:30			Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo	Math. Modelling and HPC Simulation of Natural Disasters	A.0.6 Ricamo	AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
11:30-12:30			Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo			AI & MA for Natural Hazards Risk Assessment	Lab. HPC
12:30-13:30			Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo			AI & MA for Natural Hazards Risk Assessment	Lab. HPC
14:30-15:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo			Math. Modelling and HPC Simulation of Natural Disasters	Lab. HPC
15:30-16:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo			Math. Modelling and HPC Simulation of Natural Disasters	Lab. HPC
16:30-17:30			Machine learning for Automation	Aula Rossa A.1.8 Ricamo			Machine learning for Automation	Aula Rossa A.1.8 Ricamo	Math. Modelling and HPC Simulation of Natural Disasters	Lab. HPC
17:30-18:30			Machine learning for Automation	Aula Rossa A.1.8 Ricamo			Machine learning for Automation	Aula Rossa A.1.8 Ricamo		
18:30-19:30			Machine learning for Automation	Aula Rossa A.1.8 Ricamo			Machine learning for Automation	Aula Rossa A.1.8 Ricamo		

7. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027				MASTER’S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR							
21 September 2026 – 8 January 2027				INTERNATIONAL STUDY TRACKS “REALMATHS” Double Degree with Kyiv (TSNUK) Branch “Systems and Methods of Decision Making”							
SUBJECTS											
Systems modelling and simulation (A. Borri, 6 CFU) TEAMS code:				Italian Language for Foreigners (level A2) (3 ECTS) TEAMS code:							
Optimal control (E. De Santis, A.D’Innocenzo, 6 CFU) TEAMS code:				Social networks (S. Leucci, 3CFU), TEAMS code: Non-cooperative networks (G.Proietti, 3 CFU) TEAMS code							
Modelling and Control of Networked Distributed Systems (G. Pola, 6 CFU) TEAMS code:				Process and operations scheduling (S. Smriglio, 6 CFU) TEAMS code:							
TIME ②	MONDAY	Class-room	TUESDAY	Classroom	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room	
08:30-09:30			Modelling and Control of Networked Distributed Systems	Lab. HPC			Optimal control	A1.4 Turing			
09:30-10:30			Modelling and Control of Networked Distributed Systems	Lab. HPC			Optimal control	A1.4 Turing			
10:30-11:30	Process and operations scheduling	Lab. HPC	Modelling and Control of Networked Distributed Systems	Lab. HPC			Optimal control	A1.4 Turing			
11:30-12:30	Process and operations scheduling	Lab. HPC			Social networks / Non-cooperative networks				Process and operations scheduling	A1.3 Turing	
12:30-13:30	Process and operations scheduling	Lab. HPC			Social networks / Non-cooperative networks				Process and operations scheduling	A1.3 Turing	
14:30-15:30	Systems modelling and simulation	Lab. HPC					Systems modelling and simulation	A.0.6 Ricamo	Modelling and Control of Networked Distributed Systems	A1.4 Turing	
15:30-16:30	Systems modellin and simulation	Lab. HPC					Systems modelling and simulation	A.0.6 Ricamo	Modelling and Control of Networked Distributed Systems	A1.4 Turing	
16:30-17:30	Systems modelling and simulation	Lab. HPC	Optimal control	A1.4 Turing			Social networks / Non-cooperative networks	A1.5 Turing	Systems modelling and simulation	A.0.6 Ricamo	
17:30–18:30			Optimal control	A1.4 Turing			Social networks / Non-cooperative networks	A1.5 Turing	Systems modelling and simulation	A.0.6 Ricamo	
18:30–19:30									Systems modelling and simulation	A.0.6 Ricamo	

8. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATH. ENGINEERING – SECOND YEAR
21 September 2026 – 8 January 2027	INTERNATIONAL STUDY TRACKS “RealMaths” Double Degree with Lviv Polytechnic National University (LPNU)
SUBJECTS	
Mathematical Modelling and HPC Simulation of Natural Disasters (D.Pera, 6 CFU) TEAMS code:	Time Series and Prediction (U. Triacca, 6 CFU) TEAMS code:
Artificial Intelligence and Machine Learning for Natural Hazards Risk Assessment (F. Di Michele, 6 CFU) TEAMS code:	Italian Language for Foreigners (level A2) (3 CFU), TEAMS code:
Mathematical Models for Collective Behaviour (D. Amadori, A. Esposito, 6 CFU) TEAMS code:	

TIME ①	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30							AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
09:30-10:30					Mathematical Modelling and HPC Simulation of Natural Disasters	A.0.6 Ricamo	AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
10:30-11:30	Mathematical Models for Collective Behaviour	C1.16 Coppito 2	Time Series and prediction	C1.16 Coppito 2	Mathematical Modelling and HPC Simulation of Natural Disasters	A.0.6 Ricamo	AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
11:30-12:30	Mathematical Models for Collective Behaviour	C1.16 Coppito 2	Time Series and prediction	C1.16 Coppito 2			Mathematical Models for Collective Behaviour	C1.16 Coppito 2	AI & MA for Natural Hazards Risk Assessment	Lab. HPC
12:30-13:30	Mathematical Models for Collective Behaviour	C1.16 Coppito 2	Time Series and prediction	C1.16 Coppito 2			Mathematical Models for Collective Behaviour	C1.16 Coppito 2	AI & MA for Natural Hazards Risk Assessment	Lab. HPC
14:30-15:30									Mathematical Modelling and HPC Simulation of Natural Disasters	Lab. HPC
15:30-16:30									Mathematical Modelling and HPC Simulation of Natural Disasters	Lab. HPC
16:30-17:30									Mathematical Modelling and HPC Simulation of Natural Disasters	Lab. HPC
17:30-18:30	Time Series and prediction	C1.16 Coppito 2								
18:30-19:30	Time Series and prediction	C1.16 Coppito 2								

9. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR
21 September 2026 – 8 January 2027	RealMaths (with TDTU)
SUBJECTS	
Advanced Analysis (R.Plaza, 6 CFU) TEAMS code:	Computational methods in epidemiology (C. Scalone, 6 CFU) TEAMS code:
Modelling and Control of Networked Distributed Systems (G.Pola, 6 CFU) TEAMS code:	
Italian Language for Foreigners (level A2) (3 CFU) TEAMS code:	

TIME ☹	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Classroom	FRIDAY	Class-room
08:30-09:30			Modeling and Control of Networked Distributed Systems	Lab. HPC					Computational methods in epidemiology	A1.2 Turing
09:30-10:30			Modeling and Control of networked distributed systems	Lab. HPC					Computational methods in epidemiology	A1.2 Turing
10:30-11:30			Modeling and Control of networked distributed systems	Lab. HPC					Computational methods in epidemiology	A1.2 Turing
11:30-12:30			Computational methods in epidemiology	A1.5 Turing						
12:30-13:30			Computational methods in epidemiology	A1.5 Turing						
14:30-15:30	Advanced Analysis	A1.7 Turing		A1.6 Turing			Advanced Analysis	A1.1 Turing	Modelling and Control of Networked Distributed Systems	A1.4 Turing
15:30-16:30	Advanced Analysis	A1.7 Turing		A1.6 Turing			Advanced Analysis	A1.1 Turing	Modelling and Control of Networked Distributed Systems	A1.4 Turing
16:30-17:30	Advanced Analysis	A1.7 Turing					Advanced Analysis)	A1.1 Turing		

10. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR
21 September 2026 – 8 January 2027	INTERMATHS STUDY TRACK “Mathematical modelling for health care”
COURSES	
Advanced Analysis (R.Plaza, 6 CFU) TEAMS code:	Systems Biology (A.Borri, 6 CFU) TEAMS code:
Italian Language for Foreigners (level A2) (3 ECTS) TEAMS code:	Computational Methods in Health Care Systems (C. Scalone, 6 CFU) TEAMS code:
Biomathematics and multi-agent modelling (S.Fagioli, C.Pignotti, E. Radici, 9 CFU) TEAMS code:	Genetics, Epigenetics and Biomolecular Analysis Approaches to Complex Diseases (A.Tessitore, 6 CFU) TEAMS code:

TIME ⌚	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Classroom	FRIDAY	Class-room
08:30-09:30							Biomathematics and multi-agent modelling	A.1.1 Ricamo	Computational methods for health care systems	A1.2 Turing
09:30-10:30							Biomathematics and multi-agent modelling	A.1.1 Ricamo	Computational methods for health care systems	A1.2 Turing
10:30-11:30	Genetics, Epigenetics and Biomolec. Anal. Appr. to Complex Diseases	Digital class					Biomathematics and multi-agent modelling	A.1.1 Ricamo	Computational methods for health care systems	A1.2 Turing
11:30-12:30	Genetics, Epigenetics and Biomolec. Anal. Appr. to Complex Diseases	Digital class	Computational methods for health care systems	A1.5 Turing						
12:30-13:30	Genetics, Epigenetics and Biomolec. Anal. Appr. to Complex Diseases	Digital class	Computational methods for health care systems	A1.5 Turing						
14:30-15:30	Advanced Analysis	A1.7 Turing	Genetics, Epigenetics and Biomolec. Anal. Appr. to Complex Diseases	Digital class	Biomathematics and multi-agent modelling	C1.16 Coppito 2	Advanced Analysis	A1.1 Turing	Systems Biology	A.0.6 Ricamo
15:30-16:30	Advanced Analysis	A1.7 Turing	Genetics, Epigenetics and Biomolec. Anal. Appr. to Complex Diseases	Digital class	Biomathematics and multi-agent modelling	C1.16 Coppito 2	Advanced Analysis	A1.1 Turing	Systems Biology	A.0.6 Ricamo
16:30-17:30	Advanced Analysis	A1.7 Turing	Biomathematics and multi-agent modelling	Lab. HPC			Advanced Analysis Systems Biology	A1.1 Turing A.0.6 Ricamo		
17:30-18:30			Biomathematics and multi-agent modelling	Lab. HPC			Systems Biology	A.0.6 Ricamo		
18:30-19:30							Systems Biology	A.0.6 Ricamo		

11. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR
21 September 2026 – 8 January 2027	INTERMATHS STUDY TRACK “Modelling and simulation for the mitigation of natural disasters”
COURSES	
Advanced Analysis (R.Plaza, 6 CFU) TEAMS code:	Artificial Intelligence and Machine Learning for Natural Hazards Risk Assessment (F. Di Michele, 6 CFU TEAMS code:
Mathematical Fluid Dynamics (D. Donatelli, 6 CFU) TEAMS code:	Modelling and simulation of water-related natural hazards (M. Di Risio, D. Pasquali, 6 CFU) TEAMS code:
Mathematical Modelling and HPC Simulation of Natural Disasters (D. Pera, 6 CFU) TEAMS code:	Italian Language for Foreigners (level A2) (CFU) TEAMS code:

TIME ⑦	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Classroom
08:30-09:30	Mathematical fluid dynamics	A.1.1 Ricamo	Mathematical fluid dynamics	A.1.1 Ricamo			AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
09:30-10:30	Mathematical fluid dynamics	A.1.1 Ricamo	Mathematical fluid dynamics	A.1.1 Ricamo	Mathematical Modelling and HPC Simulation of Natural Disasters	A.0.6 Ricamo	AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
10:30-11:30					Mathematical Modelling and HPC Simulation of Natural Disasters	A.0.6 Ricamo	AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
11:30-12:30	Modelling and simulation of water-related natural hazards	A.0.6 Ricamo			Mathematical fluid dynamics	A.1.1 Ricamo			AI & MA for Natural Hazards Risk Assessment	Lab. HPC
12:30-13:30	Modelling and simulation of water-related natural hazards	A.0.6 Ricamo			Mathematical fluid dynamics	A.1.1 Ricamo			AI & MA for Natural Hazards Risk Assessment	Lab. HPC
14:30-15:30	Advanced Analysis	A1.7 Turing	Modelling and simulation of water-related natural hazards	Lab.Mat. Mod.			Advanced Analysis	A1.1 Turing	Mathematical modelling and HPC simulation of natural disasters	Lab. HPC
15:30-16:30	Advanced Analysis	A1.7 Turing	Modelling and simulation of water-related natural hazards	Lab.Math. Mod.			Advanced Analysis	A1.1 Turing	Mathematical modelling and HPC simulation of natural disasters	Lab. HPC
16:30-17:30	Advanced Analysis	A1.7 Turing	Modelling and simulation of water-related natural hazards	Lab.Math. Mod.			Advanced Analysis	A1.1 Turing	Mathematical modelling and HPC simulation of natural disasters	Lab. HPC

12. TIMETABLE: FIRST SEMESTER, A.Y. 2026/2027	MASTER'S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR
21 September 2026 – 8 January 2027	MATHMODS STUDY TRACK “Mathematical modelling and optimisation”
COURSES	
Advanced Analysis (R.Plaza, 6 CFU) TEAMS code:	Modelling and Control of Networked Distributed Systems (G. Pola, 6 CFU) TEAMS code:
Process and Operations Scheduling (S. Smriglio, 6 CFU) TEAMS code:	Optimisation Models and Algorithms (C.Arbib, 6 CFU) TEAMS code:
Optimisation in Signal Processing and Wavelets (V. Protasov, 6 CFU) TEAMS code:	Italian Language for Foreigners (level A2) (6 CFU) TEAMS code:

TIME ①	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30			Modelling and Control of Networked Distributed Systems	Lab. HPC			Optimisation in Signal Processing and Wavelets	Lab. Math.Mod	Optimisation Models and algorithms	A.1.1 Ricamo
09:30-10:30			Modelling and Control of Networked Distributed Systems	Lab. HPC			Optimisation in Signal Processing and Wavelets	Lab. Math.Mod	Optimisation Models and algorithms	A.1.1 Ricamo
10:30-11:30	Process and Operations Scheduling	Lab. HPC	Modelling and Control of Networked Distributed Systems	Lab. HPC			Optimisation in Signal Processing and Wavelets ----- Optimisation Models and algorithms	Lab. Math.Mod ----- A1.3 Turing	Optimisation Models and algorithms	A.1.1 Ricamo
11:30-12:30	Process and Operations Scheduling	Lab. HPC			Optimisation in Signal Processing and Wavelets	Lab. HPC	Optimisation Models and algorithms	A1.3 Turing	Process and Operations Scheduling	A1.3 Turing
12:30-13:30	Process and Operations Scheduling	Lab. HPC			Optimisation in Signal Processing and Wavelets	Lab. HPC	Optimisation Models and algorithms	A1.3 Turing	Process and Operations Scheduling	A1.3 Turing
14:30-15:30	Advanced Analysis	A1.7 Turing					Advanced Analysis	A1.1 Turing	Modelling and control of networked distributed systems	A1.4 Turing
15:30-16:30	Advanced Analysis	A1.7 Turing					Advanced Analysis	A1.1 Turing	Modelling and control of networked distributed systems	A1.4 Turing
16:30-17:30	Advanced Analysis	A1.7 Turing					Advanced Analysis	A1.1 Turing		

13. TIMETABLE: FIRST SEMESTER, A.Y. 2025/20256		MASTER’S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR	
		MATHMODS STUDY TRACK “Mathematical models in social sciences”	
COURSES			
Mathematical Modelling and HPC Simulation of Natural Disasters (D. Pera, 6 CFU) TEAMS code:		Advanced Analysis (R.Plaza, 6 CFU) TEAMS code:	
Artificial Intelligence and Machine Learning for Natural Hazards Risk Assessment (F. Di Michele, 6 CFU) TEAMS code:		Machine learning for smart city automation (A. D’Innocenzo, C.Manes, 6 CFU) TEAMS code:	
Mathematical Models for Collective Behaviour (D. Amadori, A. Esposito, 6 CFU) TEAMS code:		Italian Language for Foreigners (level A2) (3 CFU) TEAMS code:	

TIME ①	MONDAY	Classroom	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Classroom	FRIDAY	Class-room
08:30-09:30							AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
09:30-10:30					Mathematical Modelling and HPC Simulation of Natural Disasters	A.0.6 Ricamo	AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
10:30-11:30	Mathematical Models for Collective Behaviour	C1.16 Coppito 2			Mathematical Modelling and HPC Simulation of Natural Disasters	A.0.6 Ricamo	AI & MA for Natural Hazards Risk Assessment	Lab. HPC		
11:30-12:30	Mathematical Models for Collective Behaviour	C1.16 Coppito 2					Mathematical Models for Collective Behaviour	C1.16 Coppito 2	AI & MA for Natural Hazards Risk Assessment	Lab. HPC
12:30-13:30	Mathematical Models for Collective Behaviour	C1.16 Coppito 2					Mathematical Models for Collective Behaviour	C1.16 Coppito 2	AI & MA for Natural Hazards Risk Assessment	Lab. HPC
14:30-15:30	Advanced Analysis	A1.7 Turing					Advanced Analysis	A1.1 Turing	Mathematical modelling and HPC simulation of natural disasters	Lab. HPC
15:30-16:30	Advanced Analysis	A1.7 Turing					Advanced Analysis	A1.1 Turing	Mathematical modelling and HPC simulation of natural disasters	Lab. HPC
16:30-17:30	Advanced Analysis	A1.7 Turing	Machine learning for automation	Aula Rossa A.1.8 Ricamo			Advanced Analysis ----- Machine learning for automation	A1.1 Turing ----- Aula Rossa A.1.8 Ricamo	Mathematical modelling and HPC simulation of natural disasters	Lab. HPC
17:30–18:30			Machine learning for automation	Aula Rossa A.1.8 Ricamo			Machine learning for automation	Aula Rossa A.1.8 Ricamo		
18:30–19:30			Machine learning for automation	Aula Rossa A.1.8 Ricamo			Machine learning for automation	Aula Rossa A.1.8 Ricamo		

14. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR
	Local students
COMPULSORY COURSES	
Numerical Methods for PDEs: Advanced Numerical Analysis I (R.D'Ambrosio, 3 CFU) TEAMS code: Advanced Numerical Analysis II (V. Protasov, 3 CFU) TEAMS code:	Introduction to Mathematical Control Theory (C. Pignotti, M. Palladino; 6 CFU) TEAMS code:

TIME ①	MONDAY	Classroom	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Classroom	FRIDAY	Class-room
08:30-09:30					Advanced Numerical Analysis	C1.16 Coppito 2	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo		
09:30-10:30					Advanced Numerical Analysis	C1.16 Coppito 2	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo		
10:30-11:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo			Advanced Numerical Analysis	C1.16 Coppito 2				
11:30-12:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo							Advanced Numerical Analysis	C1.16 Coppito 2
12:30-13:30	Introduction to Mathematical Control Theory	Aula Biancofiore A.1.7 Ricamo							Advanced Numerical Analysis	C1.16 Coppito 2
14:30-15:30										
15:30-16:30										
16:30-17:30										
17:30-18:30										

Schedule for the tutoring activities, 1st semester 2026/2027

Introduction to Mathematical Control Theory :

Dynamical systems and Bifurcation Theory (I4W) : Wednesday 16.30-18.30, room A.1.8 Ricamo

Dynamical systems and Bifurcation Theory (I4Y) :

Applied PDE (I4W) : Friday 9.30-11.30, room A.1.7 Ricamo

Applied PDE (I4Y) : Friday 11.30-13.30, room A.1.7 Ricamo

Real and Complex Analysis : Wednesday 08.30-10.30, room A.1.8 Ricamo