1. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	MASTER'S DEGREE IN MATHEMATICAL MODELLING – FIRST YEAR
	ERASMUS MUNDUS INTERMATHS **MATHMODS** **REALMATHS B (WITH HANNOVER AND LYON 1)**
SUBJECTS	
Applied Partial Differential Equations (S. Fagioli, B. Rubino; 6 ECTS)	**Real and Functional Analysis** (M. Di Francesco, M. Palladino 9 ECTS)
Introduction to Mathematical Control Theory (C. Pignotti, M. Palladino; 6 ECTS)	**Dynamical Systems and Bifurcation Theory** (B. Rubino, M. Palladino, 6 ECTS)
Italian Language for Foreigners (level A1) (S. Giuliani, 3 ECTS)	

TIME ⏲	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30			Applied PDEs	Aula Biancofiore **A1.7** Ricamo			Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo		
09:30-10:30			Applied PDEs	Aula Biancofiore **A1.7** Ricamo	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo		
10:30-11:30			Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Applied PDEs	Aula Biancofiore **A1.7** Ricamo		
11:30-12:30	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Applied PDEs	Aula Biancofiore **A1.7** Ricamo	Applied PDEs	Aula Biancofiore **A1.7** Ricamo
12:30-13:30	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo			Applied PDEs	Aula Biancofiore **A1.7** Ricamo
14:30-15:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7** Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7** Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7** Ricamo				
15:30-16:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7** Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7** Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7** Ricamo				
16:30-17:30	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Italian A1	Aula Biancofiore **A1.7** Ricamo	Italian A1	Aula Biancofiore **A1.7** Ricamo				
17:30–18:30	Real and Functional Analysis	Aula Biancofiore **A.1.7** Ricamo	Italian A1	Aula Biancofiore **A1.7** Ricamo	Italian A1	Aula Biancofiore **A1.7** Ricamo				

2. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – FIRST YEAR
	REALMATHS A (WITH AVEIRO, BRNO, KARLSTAD, GDANSK, KATOWICE, GLIWICE) REALMATHS WITH KNUST

SUBJECTS

Applied Partial Differential Equations (D. Amadori, 6 ECTS)	**Introductory Real Analysis** (R. Sampalmieri, M. Caponi, 9 ECTS)
Control Systems and Machine Learning (M. Di Ferdinando, V. De Iuliis, 9 ECTS)	**Italian Language for Foreigners (level A1)** (S. Giuliani, 3 ECTS)
Dynamical Systems and Bifurcation Theory (M. Palladino, 6 ECTS)	

TIME ⏰	MONDAY	Class-room	TUESDAY	Class room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30			Introductory Real Analysis	A1.6 Turing	Introductory Real Analysis	Aula Rossa A1.8 Ricamo			Introductory Real Analysis	Aula Rossa A1.8 Ricamo
09:30-10:30			Introductory Real Analysis	A1.6 Turing	Introductory Real Analysis	Aula Rossa A1.8 Ricamo			Introductory Real Analysis	Aula Rossa A1.8 Ricamo
10:30-11:30			Introductory Real Analysis	A1.6 Turing	Introductory Real Analysis	Aula Rossa A1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A1.8 Ricamo	Introductory Real Analysis	Aula Rossa A1.8 Ricamo
11:30-12:30			Dynamical Systems and Bifurcation Theory	A1.6 Turing	Applied PDEs	Aula Rossa A1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A1.8 Ricamo
12:30-13:30			Dynamical Systems and Bifurcation Theory	A1.6 Turing	Applied PDEs	Aula Rossa A1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A1.8 Ricamo	Control Systems and Machine Learning	Aula Rossa A1.8 Ricamo
14:30-15:30	Dynamical Systems and Bifurcation Theory	A2.5 Ricamo	Italian A1	A1.6 Turing	Italian A1	Aula Rossa A1.8 Ricamo	Applied PDEs	Aula Rossa A1.8 Ricamo		
15:30-16:30	Dynamical Systems and Bifurcation Theory	A2.5 Ricamo	Italian A1	A1.6 Turing	Italian A1	Aula Rossa A1.8 Ricamo	Applied PDEs	Aula Rossa A1.8 Ricamo		
16:30-17:30	Control Systems and Machine Learning	A2.5 Ricamo	Applied PDEs	A1.6 Turing	Dynamical Systems and Bifurcation Theory	Aula Rossa A1.8 Ricamo				
17:30–18:30	Control Systems and Machine Learning	A2.5 Ricamo	Applied PDEs	A1.6 Turing	Dynamical Systems and Bifurcation Theory	Aula Rossa A1.8 Ricamo				

	3. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026			MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – FIRST YEAR						
				REALMATHS (WITH LVIV POLYTECHNIC, ODESA, UZHHOROD - APPL MATH)						

SUBJECTS

Real and Functional Analysis (M. Di Francesco, M. Palladino 9 ECTS)	*A choice between:*
Introduction to Mathematical Control Theory (C. Pignotti, M. Palladino, 6 ECTS)	- Mathematics for decision making (M. Giuli, 6 ECTS) - Models of Non-equilibrium Phenomena: Theory and Simulations (M. Colangeli, 6 ECTS)
Dynamical Systems and Bifurcation Theory (M. Palladino, 6 ECTS)	**Italian Language for Foreigners (level A1)** (S. Giuliani, 3 ECTS)

TIME ⏰	MONDAY	Classroom	TUESDAY	Class-room	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30							Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7 Ricamo**	Mathematics for decision making	Aula Biancofiore **A.1.7 Ricamo**
09:30-10:30	Models of Non-equilibrium Phenomena	**Lab.Mat.Mod**			Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7 Ricamo**	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7 Ricamo**	Mathematics for decision making	Aula Biancofiore **A.1.7 Ricamo**
10:30-11:30	Models of Non-equilibrium Phenomena	**Lab.Mat.Mod**	Real and Functional Analysis	Aula Biancofiore **A1.7 Ricamo**	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7 Ricamo**	Models of Non-equilibrium Phenomena	**Digital Class**	Mathematics for decision making	Aula Biancofiore **A.1.7 Ricamo**
11:30-12:30	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7 Ricamo**	Real and Functional Analysis	Aula Biancofiore **A1.7 Ricamo**	Real and Functional Analysis	Aula Biancofiore **A1.7 Ricamo**	Models of Non-equilibrium Phenomena	**Digital Class**		
12:30-13:30	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7 Ricamo**	Real and Functional Analysis	Aula Biancofiore **A1.7 Ricamo**	Real and Functional Analysis	Aula Biancofiore **A1.7 Ricamo**	Models of Non-equilibrium Phenomena	**Digital Class**		
14:30-15:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7 Ricamo**	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7 Ricamo**	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7 Ricamo**				
15:30-16:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7 Ricamo**	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A1.7 Ricamo**	Dynamical Systems and Bifurcation Theory	Aula Biancofiore **A.1.7 Ricamo**				
16:30-17:30	Real and Functional Analysis	Aula Biancofiore **A1.7 Ricamo**	Italian A1	Aula Biancofiore **A1.7 Ricamo**	Italian A1	Aula Biancofiore **A.1.7 Ricamo**				
17:30–18:30	Real and Functional Analysis	Aula Biancofiore **A1.7 Ricamo**	Italian A1	Aula Biancofiore **A1.7 Ricamo**	Italian A1	Aula Biancofiore **A.1.7 Ricamo**	Mathematics for decision making	**A1.1 Turing**		
18:30–19:30							Mathematics for decision making	**A1.1 Turing**		

	4. TIMETABLE: FIRST SEMESTER, A.Y. 2025/20256	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – FIRST YEAR
		REALMATHS (WITH LVIV)

SUBJECTS

Applied Partial Differential Equations (D. Amadori, 6 ECTS)	**Control Systems and Machine Learning** (M. Di Ferdinando, V. De Iuliis, 9 ECTS)
Dynamical Systems and Bifurcation Theory (M. Palladino, 6 ECTS)	**Introduction to Mathematical Control Theory** (C. Pignotti, M. Palladino, 6 ECTS)
Italian Language for Foreigners (level A1) (S. Giuliani, 3 ECTS)	

TIME ⏰	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30							Introduction to Mathematical Control Theory	**Aula Biancofiore A1.7 Ricamo**		
09:30-10:30					Introduction to Mathematical Control Theory	**Aula Biancofiore A1.7 Ricamo**	Introduction to Mathematical Control Theory	**Aula Biancofiore A1.7 Ricamo**		
10:30-11:30					Introduction to Mathematical Control Theory	**Aula Biancofiore A1.7 Ricamo**	Control Systems and Machine Learning	**Aula Rossa A1.8 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 A1.8 Ricamo**	Control Systems and Machine Learning	**Aula Rossa A1.8 Ricamo**	Control Systems and Machine Learning	**Aula Rossa A1.8 Ricamo**
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 A1.8 Ricamo**	Control Systems and Machine Learning	**Aula Rossa A1.8 Ricamo**	Control Systems and Machine Learning	**Aula Rossa A1.8 Ricamo**
14:30-15:30	Dynamical Systems and Bifurcation Theory	**A2.5 Ricamo**	Italian A1	**A1.6 Turing**	Italian A1	**Aula Rossa A1.8 Ricamo**	Applied PDEs	**Aula Rossa A1.8 Ricamo**		
15:30-16:30	Dynamical Systems and Bifurcation Theory	**A2.5 Ricamo**	Italian A1	**A1.6 Turing**	Italian A1	**Aula Rossa A1.8 Ricamo**	Applied PDEs	**Aula Rossa A1.8 Ricamo**		
16:30-17:30	Control Systems and Machine Learning	**A2.5 Ricamo**	Applied PDEs	**A1.6 Turing**	Dynamical Systems and Bifurcation Theory	**Aula Rossa A1.8 Ricamo**				
17:30–18:30	Control Systems and Machine Learning	**A2.5 Ricamo**	Applied PDEs	**A1.6 Turing**	Dynamical Systems and Bifurcation Theory	**Aula Rossa A1.8 Ricamo**				

	5. TIMETABLE: FIRST SEMESTER, A.Y. 2025/20256		MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – FIRST YEAR
			REALMATHS (WITH KHARKIV – APPL MATH, OPTION 2)

SUBJECTS

Mathematical Modelling and HPC Simulation of Natural Disasters (D. Pera, 6 ECTS)	**Advanced Analysis** (C. Lattanzio, M. Di Francesco, 6 ECTS)
Artificial Intelligence and Machine Learning for Natural Hazards Risk Assessment (F. Di Michele, 6 ECTS)	**Time Series and Prediction** (U. Triacca, 6 ECTS)
Mathematical Models for Collective Behaviour (D. Amadori, A. Esposito, 6 ECTS)	**Italian Language for Foreigners (level A1)** (S. Giuliani, 3 ECTS)

TIME ⏱	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30					Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab			AI & MA for Natural Hazards Risk Assessment	HPC Lab
09:30-10:30					Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab	AI & MA for Natural Hazards Risk Assessment	HPC Lab	AI & MA for Natural Hazards Risk Assessment	HPC Lab
10:30-11:30	Mathematical Models for Collective Behaviour	C1.16 Coppito 2	Time Series and prediction	C1.16 Coppito 2			AI & MA for Natural Hazards Risk Assessment	HPC Lab	AI & MA for Natural Hazards Risk Assessment	HPC Lab
11:30-12:30	Mathematical Models for Collective Behaviour	C1.16 Coppito 2	Time Series and prediction	C1.16 Coppito 2						
12:30-13:30	Mathematical Models for Collective Behaviour	C1.16 Coppito 2	Time Series and prediction	C1.16 Coppito 2						
14:30-15:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing	Mathematical Models for Collective Behaviour	C1.16 Coppito 2	Advanced Analysis	A1.1 Turing	Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab
15:30-16:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing	Mathematical Models for Collective Behaviour	C1.16 Coppito 2	Advanced Analysis	A1.1 Turing	Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab
16:30-17:30			Italian A1	Aula Biancofiore A.1.7 Ricamo	Italian A1	Aula Biancofiore A.1.7 Ricamo	Advanced Analysis	A1.1 Turing	Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab
17:30–18:30	Time Series and prediction	A1.2 Turing	Italian A1	Aula Biancofiore A.1.7 Ricamo	Italian A1	Aula Biancofiore A.1.7 Ricamo				
18:30–19:30	Time Series and prediction	A1.2 Turing								

6.TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – FIRST YEAR
	REALMATHS (WITH UZHHOROD - Systems Analysis)

SUBJECTS

Process and Operations Scheduling (S. Smriglio, 6 ECTS)	**Modelling and Control of Networked Distributed Systems** (G. Pola, 6 ECTS)
Optimisation in Signal Processing and Wavelets (V. Protasov, 6 ECTS)	**Machine learning for automation** (A. D'Innocenzo, 6 ECTS)
Optimisation Models and Algorithms (C. Arbib, 6 ECTS)	**Italian Language for Foreigners (level A1)** (S. Giuliani, 3, 3 ECTS)

TIME ⏲	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	HPC Lab			Optimisation in Signal Processing and Wavelets	A1.1 Turing		
09:30-10:30			Modelling and Control of Networked Distributed Systems	HPC Lab	Optimisation Models and algorithms	C1.16 Coppito 2	Optimisation in Signal Processing and Wavelets	A1.1 Turing		
10:30-11:30	Process and Operations Scheduling	HPC Lab	Modelling and Control of Networked Distributed Systems	HPC Lab	Optimisation Models and algorithms	C1.16 Coppito 2	Optimisation in Signal Processing and Wavelets	A1.1 Turing	Optimisation Models and algorithms	A0.4 Turing
11:30-12:30	Process and Operations Scheduling	HPC Lab	Process and Operations Scheduling	HPC Lab	Optimisation in Signal Processing and Wavelets	HPC Lab			Optimisation Models and algorithms	A0.4 Turing
12:30-13:30	Process and Operations Scheduling	HPC Lab	Process and Operations Scheduling	HPC Lab	Optimisation in Signal Processing and Wavelets	HPC Lab			Optimisation Models and algorithms	A0.4 Turing
14:30-15:30			Italian A1	A1.6 Turing	Italian A1	Aula Rossa A1.8 Ricamo			Modelling and control of networked distributed systems	A1.4 Turing
15:30-16:30			Italian A1	A1.6 Turing	Italian A1	Aula Rossa A1.8 Ricamo			Modelling and control of networked distributed systems	A1.4 Turing
16:30-17:30			Machine learning for Automation	A0.4 Turing			Machine learning for Automation	A0.4 Turing		
17:30–18:30			Machine learning for Automation	A0.4 Turing			Machine learning for Automation	A0.4 Turing		
18:30-19:30							Machine learning for Automation	A0.4 Turing		

7. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR
	REALMATHS (WITH TSNUK – APPL MATH) **Double Degree with University of Monastir (UM)***

SUBJECTS

Dynamical Systems and Bifurcation Theory (B. Rubino, M. Palladino, 6 ECTS)	**Artificial Intelligence and Machine Learning for Natural Hazards Risk Assessment** (F. Di Michele, 6 ECTS)
Real and Functional Analysis (M. DiFrancesco, M. Palladino 9 ECTS)	**Mathematical Modelling and HPC Simulation of Natural Disasters** (D. Pera, 6 ECTS)
Machine learning for automation (A. D'Innocenzo, 6 ECTS)	**Italian Language for Foreigners (level A2)** (D. Larivera, 3 ECTS)

* The student from the partner university UM will have to take the course **Italian Language for Foreigners level A1** during the first semester (and not Italian A2 and Machine learning for automation)

TIME ⏱	MONDAY	Classroom	TUESDAY	Class-room	WEDNESDAY	Classroom	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30					Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab			AI & MA for Natural Hazards Risk Assessment	HPC Lab
09:30-10:30					Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab	AI & MA for Natural Hazards Risk Assessment	HPC Lab	AI & MA for Natural Hazards Risk Assessment	HPC Lab
10:30-11:30			Real and Functional Analysis	Aula Biancofiore A1.7 Ricamo			AI & MA for Natural Hazards Risk Assessment	HPC Lab	AI & MA for Natural Hazards Risk Assessment	HPC Lab
11:30-12:30			Real and Functional Analysis	Aula Biancofiore A1.7 Ricamo	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo				
12:30-13:30			Real and Functional Analysis	Aula Biancofiore A1.7 Ricamo	Real and Functional Analysis	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 A1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo			Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab
15:30-16:30	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A1.7 Ricamo	Dynamical Systems and Bifurcation Theory	Aula Biancofiore A.1.7 Ricamo			Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab
16:30-17:30	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo	Machine learning for Auto-mation	A0.4 Turing	Italian A2	A1.4 Turing	Machine learning for Automa-tion	A0.4 Turing	Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab
17:30–18:30	Real and Functional Analysis	Aula Biancofiore A.1.7 Ricamo	Machine learning for Auto-mation	A0.4 Turing	Italian A2	A1.4 Turing	Machine learning for Automa-tion	A0.4 Turing		
18:30–19:30					Italian A2	A1.4 Turing	Machine learning for Automa-tion	A0.4 Turing		

8.TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR
	REALMATHS (WITH TSNUK – Decision Making)
SUBJECTS	
Systems modelling and simulation (D. Bianchi)	**Italian Language for Foreigners (level A2)** (D. Larivera, 3 ECTS)
Optimal control (E. De Santis, 9 ECTS)	**Social networks** (S. Leucci)
Modelling and Control of Networked Distributed Systems (G. Pola)	**Process and operations scheduling** (S. Smriglio)

TIME ⏲	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	HPC Lab	Optimal control	A0.6 Ricamo	Optimal control	Aula Rossa A1.8 Ricamo		
09:30-10:30			Modelling and Control of Networked Distributed Systems	HPC Lab	Optimal control	A0.6 Ricamo	Optimal control	Aula Rossa A1.8 Ricamo		
10:30-11:30	Process and operations scheduling	HPC Lab	Modelling and Control of Networked Distributed Systems	HPC Lab	Optimal control	A0.6 Ricamo	Optimal control	Aula Rossa A1.8 Ricamo		
11:30-12:30	Process and operations scheduling	HPC Lab	Process and operations scheduling	HPC Lab						
12:30-13:30	Process and operations scheduling	HPC Lab	Process and operations scheduling	HPC Lab						
14:30-15:30	Systems modelling and simulation	HPC Lab	Social Networks	A0.6 Ricamo					Modelling and Control of Networked Distributed Systems /	A1.4 Turing
15:30-16:30	Systems modelling and simulation	HPC Lab	Social Networks	A0.6 Ricamo					Modelling and Control of Networked Distributed Systems /	A1.4 Turing
16:30-17:30					Italian A2	A1.4 Turing	Social Networks	A1.5 Turing	Systems modelling and simulation	A0.4 Turing
17:30–18:30					Italian A2	A1.4 Turing	Social Networks	A1.5 Turing	Systems modelling and simulation	A0.4 Turing
18:30–19:30					Italian A2	A1.4 Turing			Systems modelling and simulation	A0.4 Turing

	9. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026				MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR				
					INTERNATIONAL STUDY TRACKS "RealMaths" Double Degree with SUT				
SUBJECTS									
Advanced analysis (C. Lattanzio, M. Di Francesco, 6 ECTS)					**Italian Language for Foreigners (level A1)** (S. Giuliani, 3 ECTS)				
Deterministic Modelling in Population Dynamics and Epidemiology (M. Di Francesco, A. Esposito, 6 ECTS)					**Time Series and Prediction** (U. Triacca, 6 ECTS)				
Introduction to Mathematical Control Theory (C. Pignotti, M. Palladino, 6 ECTS)									

TIME ⏱	MONDAY	Classroom	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30							Intr. to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo		
09:30-10:30					Intr. to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Intr. to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo		
10:30-11:30			Time Series and Prediction	**C1.16** Coppito 2	Intr. to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat.Mod		
11:30-12:30	Intr. to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Time Series and Prediction	**C1.16** Coppito 2			Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat.Mod		
12:30-13:30	Intr. to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Time Series and Prediction	**C1.16** Coppito 2			Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat.Mod		
14:30-15:30	Advanced Analysis	**A1.1** Turing	Advanced Analysis	**A1.4** Turing	Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat.Mod	Advanced Analysis	**A1.1** Turing		
15:30-16:30	Advanced Analysis	**A1.1** Turing	Advanced Analysis	**A1.4** Turing	Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat.Mod	Advanced Analysis	**A1.1** Turing		
16:30-17:30			Italian A1	Aula Biancofiore **A1.7** Ricamo	Italian A1	Aula Biancofiore **A1.7** Ricamo	Advanced Analysis	**A1.1** Turing		
17:30–18:30	Time Series and Prediction	**A1.2** Turing	Italian A1	Aula Biancofiore **A1.7** Ricamo	Italian A1	Aula Biancofiore **A1.7** Ricamo				
18:30–19:30	Time Series and Prediction	**A1.2** Turing								

10. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026		MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR	
		RealMaths(with TDTU)	

SUBJECTS

Advanced Analysis (C. Lattanzio, M. Di Francesco, 9 ECTS)	**Computational Methods in Health Care Systems – Computational methods in epidemiology** (C. Scalone, 6 ECTS)
Modelling and Control of Networked Distributed Systems (G.Pola, 6 ECTS)	**Mathematical Modelling of Multi-Agent Systems - Deterministic modelling in population dynamics and epidemiology** (M. Di Francesco, A. Esposito, 6 ECTS)
Italian Language for Foreigners (level A1) (S. Giuliani, 3 ECTS)	

TIME ☻	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30			Modeling and Control of Networked Distributed Systems	HPC Lab					Computational methods in epidemiology	Lab.Mat. Mod
09:30-10:30			Modeling and Control of networked distributed systems	HPC Lab					Computational methods in epidemiology	Lab.Mat. Mod
10:30-11:30			Modeling and Control of networked distributed systems	HPC Lab			Deterministic modelling in Pop Dyn and Epid	Lab.Mat. Mod	Computational methods in epidemiology	Lab.Mat. Mod
11:30-12:30	Computational methods in epidemiology	Lab.Mat. Mod					Deterministic modelling in Pop Dyn and Epid	Lab.Mat. Mod		
12:30-13:30	Computational methods in epidemiology	Lab.Mat. Mod					Deterministic modelling in Pop Dyn and Epid	Lab.Mat. Mod		
14:30-15:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing	Deterministic modelling in Pop Dyn and Epid	Lab.Mat. Mod	Advanced Analysis	A1.1 Turing	Modelling and Control of Networked Distributed Systems	A1.4 Turing
15:30-16:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing	Deterministic modelling in Pop Dyn and Epid	Lab.Mat. Mod	Advanced Analysis	A1.1 Turing	Modelling and Control of Networked Distributed Systems	A1.4 Turing
16:30-17:30			Italian A1	Aula Biancofiore A1.7 Ricamo	Aula Biancofiore A.1.7 Ricamo	Aula Biancofiore A1.7 Ricamo	Advanced Analysis)	A1.1 Turing		
17:30–18:30			Italian A1	Aula Biancofiore A1.7 Ricamo	Aula Biancofiore A.1.7 Ricamo	Aula Biancofiore A1.7 Ricamo				

	11. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026				MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR					
					REALMATH (WITH IFNUL)					

SUBJECTS

Real and Functional Analysis (M. Di Francesco, M. Palladino 9 ECTS)	**Introduction to Mathematical Control Theory** (C. Pignotti, M. Palladino, 6 ECTS)
Italian Language for Foreigners (level A1) (S. Giuliani, 3 ECTS)	**Models of Non-equilibrium Phenomena: Theory and Simulations** (M. Colangeli, 6 ECTS)

TIME ⏱	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30							Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo		
09:30-10:30	Models of Non-equilibrium Phenomena	Lab.Mat. Mod			Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo		
10:30-11:30	Models of Non-equilibrium Phenomena	Lab.Mat. Mod	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Models of Non-equilibrium Phenomena	**Digital Class**		
11:30-12:30	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Models of Non-equilibrium Phenomena	**Digital Class**		
12:30-13:30	Introduction to Mathematical Control Theory	Aula Biancofiore **A1.7** Ricamo	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo	Models of Non-equilibrium Phenomena	**Digital Class**		
14:30-15:30			Italian A1	**A1.6 Turing**	Italian A1	Aula Rossa **A1.8** Ricamo				
15:30-16:30			Italian A1	**A1.6 Turing**	Italian A1	Aula Rossa **A1.8** Ricamo				
16:30-17:30	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo								
17:30–18:30	Real and Functional Analysis	Aula Biancofiore **A1.7** Ricamo								

12. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	**MASTER'S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR**
	INTERMATHS STUDY TRACK **"Cancer Modelling and Simulation"**

SUBJECTS

Advanced Analysis (C. Lattanzio, M. Di Francesco, 6 ECTS)	**Cancer genetics and biology for mathematical modelling** (A. Tessitore, 6 ECTS)
Biomathematics (E. Radici, 6 ECTS)	**Mathematical fluid and biofluid dynamics** (D. Donatelli, G. Ciampa; 6 ECTS)
Systems Biology (A. Borri, 6 ECTS)	**Italian Language for Foreigners (level A2)** (D. Larivera, 3 ECTS)

TIME ⏱	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30	Mathematical fluid and biofluid dynamics	**A1.1** **Ricamo**	Mathematical fluid and biofluid dynamics	**A1.1** **Ricamo**			Biomathematics	**A1.1** **Ricamo**		
09:30-10:30	Mathematical fluid and biofluid dynamics	**A1.1** **Ricamo**	Mathematical fluid and biofluid dynamics	**A1.1** **Ricamo**			Biomathematics	**A1.1** **Ricamo**		
10:30-11:30	Cancer genetics and biology for mathematical modelling	**Digital Class**	Mathematical fluid and biofluid dynamics	**A1.1** **Ricamo**	Mathematical fluid and biofluid dynamics		Biomathematics	**A1.1** **Ricamo**		
11:30-12:30	Cancer genetics and biology for mathematical modelling	**Digital Class**	Cancer genetics and biology for mathematical modelling	**Digital Class**	Mathematical fluid and biofluid dynamics					
12:30-13:30	Cancer genetics and biology for mathematical modelling	**Digital Class**	Cancer genetics and biology for mathematical modelling	**Digital Class**	Mathematical fluid and biofluid dynamics					
14:30-15:30	Advanced Analysis	**A1.1** **Turing**	Advanced Analysis	**A1.4** **Turing**			Advanced Analysis	**A1.1** **Turing**	Systems Biology	**A1.1** **Ricamo**
15:30-16:30	Advanced Analysis	**A1.1** **Turing**	Advanced Analysis	**A1.4** **Turing**			Advanced Analysis	**A1.1** **Turing**	Systems Biology	**A1.1** **Ricamo**
16:30-17:30	Systems Biology	**HPC Lab**	Biomathematics	**HPC Lab**	Italian A2	**A1.4** **Turing**	Advanced Analysis	**A1.1** **Turing**	Systems Biology	**A1.1** **Ricamo**
17:30–18:30	Systems Biology	**HPC Lab**	Biomathematics	**HPC Lab**	Italian A2	**A1.4** **Turing**				
18:30–19:30					Italian A2	**A1.4** **Turing**				

	13. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026		MASTER'S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR	
			INTERMATHS STUDY TRACK **"Modelling and Simulation of Infectious Diseases"**	
COURSES				
Advanced Analysis (C. Lattanzio, M. Di Francesco, 6 ECTS)			**Time series and prediction** (U.Triacca, 6 ECTS)	
Mathematical Modelling of Multi-Agent Systems - Deterministic modelling in population dynamics and epidemiology (M. Di Francesco, A. Esposito, 6 ECTS)			**Computational Methods in Health Care Systems – Computational methods in epidemiology** (C. Scalone, 6 ECTS)	
Modelling and control of networked distributed systems (G. Pola, 6 ECTS)			**Italian Language for Foreigners (level A2)** (D. Larivera, 3 ECTS)	

TIME ⏱	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	HPC Lab					Computational methods in epidemiology	Lab.Mat. Mod
09:30-10:30			Modelling and Control of Networked Distributed Systems	HPC Lab					Computational methods in epidemiology	Lab.Mat. Mod
10:30-11:30			Modelling and Control of Networked Distributed Systems / Time series and prediction	HPC Lab C1.16 Coppito 2			Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat. Mod	Computational methods in epidemiology	Lab.Mat. Mod
11:30-12:30	Computational methods in epidemiology	Lab.Mat. Mod	Time series and prediction	C1.16 Coppito 2			Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat. Mod		
12:30-13:30	Computational methods in epidemiology	Lab.Mat. Mod	Time series and prediction	C1.16 Coppito 2			Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat. Mod		
14:30-15:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing	Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat. Mod	Advanced Analysis	A1.4 Turing	Modelling and Control of Networked Distributed Systems	A1.4 Turing
15:30-16:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing	Deterministic Modelling in Population Dynamics and Epidemiology	Lab.Mat. Mod	Advanced Analysis	A1.4 Turing	Modelling and Control of Networked Distributed Systems	A1.4 Turing
16:30-17:30					Italian A2	A1.4 Turing	Advanced Analysis	A1.4 Turing		
17:30–18:30	Time series and prediction	A1.2 Turing			Italian A2	A1.4 Turing				
18:30–19:30	Time series and prediction	A1.2 Turing			Italian A2	A1.4 Turing				

14. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026		MASTER'S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR
		INTERMATHS STUDY TRACK "Mathematical modelling for health care"
COURSES		
Advanced Analysis (C. Lattanzio, M. Di Francesco, 6 ECTS)		**System Biology** (A. Borri, 6 ECTS)
Biomathematics (E. Radici, 6 ECTS)		**Computational Methods in Health Care Systems** (C. Scalone, 6 ECTS)
Mathematical Modelling of Multi-Agent Systems (M. Di Francesco, A. Esposito, 6 ECTS)		**Italian Language for Foreigners (level A2)** (D. Larivera, 3 ECTS)

TIME ⏱	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Classroom	FRIDAY	Class-room
08:30-09:30							Biomathematics	A1.1 Ricamo	Computational methods in epidemiology	Lab.Mat. Mod
09:30-10:30							Biomathematics	A1.1 Ricamo	Computational methods in epidemiology	Lab.Mat. Mod
10:30-11:30							Biomathematics/ Mathematical Modelling of Multi-Agent Systems	A1.1 Ricamo // Lab.Mat.Mod	Computational methods in epidemiology	Lab.Mat. Mod
11:30-12:30	Computational methods in epidemiology	Lab.Mat. Mod					Mathematical Modelling of Multi-Agent Systems	Lab.Mat.Mod		
12:30-13:30	Computational methods in epidemiology	Lab.Mat. Mod					Mathematical Modelling of Multi-Agent Systems	Lab.Mat.Mod		
14:30-15:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing	Mathematical Modelling of Multi-Agent Systems	Lab.Mat. Mod	Advanced Analysis	A1.1 Turing	Systems Biology	A1.1 Turing
15:30-16:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing	Mathematical Modelling of Multi-Agent Systems	Lab.Mat. Mod	Advanced Analysis	A1.1 Turing	Systems Biology	A1.1 Turing
16:30-17:30	Systems Biology	HPC Lab	Biomathematics	HPC Lab	Italian A2	A1.4 Turing	Advanced Analysis	A1.1 Turing	Systems Biology	A1.1 Turing
17:30–18:30	Systems Biology	HPC Lab	Biomathematics	HPC Lab	Italian A2	A1.4 Turing				
18:30–19:30					Italian A2	A1.4 Turing				

15. TIMETABLE: FIRST SEMESTER, A.Y. 2025/20256	MASTER'S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR
	INTERMATHS STUDY TRACK "Modelling and simulation for the mitigation of natural disasters"

COURSES

Advanced Analysis (C. Lattanzio, M. Di Francesco, 6 ECTS)	**Artificial Intelligence and Machine Learning for Natural Hazards Risk Assessment** (F. Di Michele, 6 ECTS)
Mathematical Fluid Dynamics (D. Donatelli, G. Ciampa, 6 ECTS)	**Modelling and simulation of water-related natural hazards** (M. Di Risio, D. Pasquali, 6 ECTS)
Mathematical Modelling and HPC Simulation of Natural Disasters (D. Pera, 6 ECTS)	**Italian Language for Foreigners (level A2)** (D. Larivera, 3 ECTS)

TIME ⏲	MONDAY	Class-room	TUESDAY	Class room	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Classroom
08:30-09:30	Mathematical fluid dynamics	**A1.1** Ricamo	Mathematical fluid dynamics	**A1.1** Ricamo	Mathematical Modelling and HPC Simulation of Natural Disasters	**HPC Lab**			AI & MA for Natural Hazards Risk Assessment	**HPC Lab**
09:30-10:30	Mathematical fluid dynamics	**A1.1** Ricamo	Mathematical fluid dynamics	**A1.1** Ricamo	Mathematical Modelling and HPC Simulation of Natural Disasters	**HPC Lab**	AI & MA for Natural Hazards Risk Assessment	**HPC Lab**	AI & MA for Natural Hazards Risk Assessment	**HPC Lab**
10:30-11:30	Modelling and simulation of water-related natural hazards	**A1.1** Ricamo	Mathematical fluid dynamics	**A1.1** Ricamo	Mathematical fluid dynamics		AI & MA for Natural Hazards Risk Assessment	**HPC Lab**	AI & MA for Natural Hazards Risk Assessment	**HPC Lab**
11:30-12:30	Modelling and simulation of water-related natural hazards	**A1.1** Ricamo	Modelling and simulation of water-related natural hazards	**A1.1** Ricamo	Mathematical fluid dynamics					
12:30-13:30	Modelling and simulation of water-related natural hazards	**A1.1** Ricamo	Modelling and simulation of water-related natural hazards	**A1.1** Ricamo	Mathematical fluid dynamics					
14:30-15:30	Advanced Analysis	**A1.1** Turing	Advanced Analysis	**A1.4** Turing			Advanced Analysis	**A1.1** Turing	Mathematical modelling and HPC simulation of natural disasters	**HPC Lab**
15:30-16:30	Advanced Analysis	**A1.1** Turing	Advanced Analysis	**A1.4** Turing			Advanced Analysis	**A1.1** Turing	Mathematical modelling and HPC simulation of natural disasters	**HPC Lab**
16:30-17:30					Italian A2	**A1.4** Turing	Advanced Analysis	**A1.1** Turing	Mathematical modelling and HPC simulation of natural disasters	**HPC Lab**
17:30–18:30					Italian A2	**A1.4** Turing				
18:30–19:30					Italian A2	**A1.4** Turing				

16. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	MASTER'S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR
	MATHMODS STUDY TRACK "Mathematical modelling and optimisation"
COURSES	
Advanced Analysis (C. Lattanzio, M. Di Francesco, 6 ECTS)	**Modelling and Control of Networked Distributed Systems** (G. Pola, 6 ECTS)
Process and Operations Scheduling (S. Smriglio, 6 ECTS)	**Optimisation Models and Algorithms** (C. Arbib, 6 ECTS)
Optimisation in Signal Processing and Wavelets (V. Protasov, 6 ECTS)	**Italian Language for Foreigners (level A2)** (D. Larivera, 6 ECTS)

TIME ⏱	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	HPC Lab			Optimisation in Signal Processing and Wavelets	A1.1 Turing		
09:30-10:30			Modelling and Control of Networked Distributed Systems	HPC Lab	Optimisation Models and algorithms	C1.16 Coppito 2	Optimisation in Signal Processing and Wavelets	A1.1 Turing		
10:30-11:30	Process and Operations Scheduling	HPC Lab	Modelling and Control of Networked Distributed Systems	HPC Lab	Optimisation Models and algorithms	C1.16 Coppito 2	Optimisation in Signal Processing and Wavelets	A1.1 Turing	Optimisation Models and algorithms	A0.4 Turing
11:30-12:30	Process and Operations Scheduling	HPC Lab	Process and Operations Scheduling	HPC Lab	Optimisation in Signal Processing and Wavelets	HPC Lab			Optimisation Models and algorithms	A0.4 Turing
12:30-13:30	Process and Operations Scheduling	HPC Lab	Process and Operations Scheduling	HPC Lab	Optimisation in Signal Processing and Wavelets	HPC Lab			Optimisation Models and algorithms	A0.4 Turing
14:30-15:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing			Advanced Analysis	A1.1 Turing	Modelling and control of networked distributed systems	A1.4 Turing
15:30-16:30	Advanced Analysis	A1.1 Turing	Advanced Analysis	A1.4 Turing			Advanced Analysis	A1.1 Turing	Modelling and control of networked distributed systems	A1.4 Turing
16:30-17:30					Italian A2	A1.4 Turing	Advanced Analysis	A1.1 Turing		
17:30–18:30					Italian A2	A1.4 Turing				
18:30–19:30					Italian A2	A1.4 Turing				

17. TIMETABLE: FIRST SEMESTER, A.Y. 2025/20256					**MASTER'S DEGREE IN MATHEMATICAL MODELLING – SECOND YEAR**					

<table>
<tr><td colspan="5"></td><td colspan="6">MATHMODS STUDY TRACK
"Mathematical models in social sciences"</td></tr>
<tr><td colspan="11">COURSES</td></tr>
<tr><td colspan="5">Mathematical Modelling and HPC Simulation of Natural Disasters (D. Pera, 6 ECTS)</td><td colspan="6">Advanced Analysis (C. Lattanzio, M. Di Francesco, 6 ECTS)</td></tr>
<tr><td colspan="5">Artificial Intelligence and Machine Learning for Natural Hazards Risk Assessment (F. Di Michele, 6 ECTS)</td><td colspan="6">Machine learning for automation (A. D'Innocenzo, 6 ECTS)</td></tr>
<tr><td colspan="5">Mathematical Models for Collective Behaviour (D. Amadori, A. Esposito, 6 ECTS)</td><td colspan="6">Italian Language for Foreigners (level A2) (D. Larivera, 3 ECTS)</td></tr>
</table>

TIME ⏱	MONDAY	Classroom	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Classroom	FRIDAY	Class-room
08:30-09:30					Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab			AI & MA for Natural Hazards Risk Assessment	HPC Lab
09:30-10:30					Mathematical Modelling and HPC Simulation of Natural Disasters	HPC Lab	AI & MA for Natural Hazards Risk Assessment	HPC Lab	AI & MA for Natural Hazards Risk Assessment	HPC Lab
10:30-11:30	Mathematical Models for Collective Behaviour	**C1.16** Coppito 2					AI & MA for Natural Hazards Risk Assessment	HPC Lab	AI & MA for Natural Hazards Risk Assessment	HPC Lab
11:30-12:30	Mathematical Models for Collective Behaviour	**C1.16** Coppito 2								
12:30-13:30	Mathematical Models for Collective Behaviour	**C1.16** Coppito 2								
14:30-15:30	Advanced Analysis	**A1.1** Turing	Advanced Analysis	**A1.4** Turing	Mathematical Models for Collective Behaviour	**C1.16** Coppito 2	Advanced Analysis	**A1.1** Turing	Mathematical modelling and HPC simulation of natural disasters	HPC Lab
15:30-16:30	Advanced Analysis	**A1.1** Turing	Advanced Analysis	**A1.4** Turing	Mathematical Models for Collective Behaviour	**C1.16** Coppito 2	Advanced Analysis	**A1.1** Turing	Mathematical modelling and HPC simulation of natural disasters	HPC Lab
16:30-17:30			Machine learning for automation	**A0.4** Turing	Italian A2	**A1.4** Turing	Advanced Analysis/ Machine learning for automation	**A1.1 Turing / A0.4 Turing**	Mathematical modelling and HPC simulation of natural disasters	HPC Lab
17:30–18:30			Machine learning for automation	**A0.4** Turing	Italian A2	**A1.4** Turing	Machine learning for automation	**A0.4** Turing		
18:30–19:30					Italian A2	**A1.4** Turing	Machine learning for automation	**A0.4** Turing		

18. 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 ECTS)	**Advanced Scientific Computing** (C. Scalone, 6 ECTS)
Dynamical systems and bifurcation theory (M. Palladino, 6 ECTS)	**Stochastic numerics laboratory** (S. Di Giovacchino, 3 ECTS)
Mathematical fluid dynamics (D. Donatelli, G. Ciampa, 6 ETCS)	**Advanced English listening and speaking** (M. Fiorenza, 3 ECTS)
Control systems and Machine Learning (M. Di Ferdinando, V. De Iuliis, 6 ECTS)	**Italian Language for Foreigners (level A1)** (S. Giuliani, 3 ECTS)

TIME ⏲	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Class-room	THURSDAY	Class-room	FRIDAY	Class-room
08:30-09:30	Mathematical fluid dynamics	**A1.1 Ricamo**	Mathematical fluid dynamics	**A1.1 Ricamo**	Advanced English listening and speaking	**Digital Class**			Advanced Scientific Computing	**Lab.Mat. Mod**
09:30-10:30	Mathematical fluid dynamics	**A1.1 Ricamo**	Mathematical fluid dynamics	**A1.1 Ricamo**	Advanced English listening and speaking	**Digital Class**			Advanced Scientific Computing	**Lab.Mat. Mod**
10:30-11:30			Mathematical fluid dynamics	**A1.1 Ricamo**	Advanced English listening and speaking / Mathematical fluid dynamics	**Digital Class /**	Control Systems and Machine Learning	**Aula Rossa A.1.8 Ricamo**	Advanced Scientific Computing	**Lab.Mat. Mod**
11:30-12:30	Advanced Scientific Computing	**Lab.Mat.Mod**			Mathematical fluid dynamics		Control Systems and Machine Learning	**Aula Rossa A.1.8 Ricamo**	Control Systems and Machine Learning	**Aula Rossa A.1.8 Ricamo**
12:30-13:30	Advanced Scientific Computing	**Lab.Mat.Mod**			Mathematical fluid dynamics		Control Systems and Machine Learning	**Aula Rossa A.1.8 Ricamo**	Control Systems and Machine Learning	**Aula Rossa A.1.8 Ricamo**
14:30-15:30	Advanced Analysis Dynamical Systems and Bifurcation Theory	**A1.1 Turing** **Aula Biancofiore A.1.7 Ricamo**	Advanced Analysis Dynamical Systems and Bifurcation Theory	**A1.4 Turing** **Aula Biancofiore A.1.7 Ricamo**	Dynamical Systems and Bifurcation Theory	**Aula Biancofiore A.1.7 Ricamo**	Advanced Analysis	**A1.1 Turing**	Stochastic numerics laboratory	**C1.9 Coppito 2**
15:30-16:30	Advanced Analysis Dynamical Systems and Bifurcation Theory	**A1.1 Turing** **Aula Biancofiore A.1.7 Ricamo**	Advanced Analysis Dynamical Systems and Bifurcation Theory	**A1.4 Turing** **Aula Biancfire A.1. Ricamo**	Dynamical Systems and Bifurcation Theory	**Aula Biancofiore A.1.7 Ricamo**	Advanced Analysis	**A1.1 Turing**	Stochastic numerics laboratory	**C1.9 Coppito 2**
16:30-17:30	Control Systems and Machine Learning	**A2.5 Ricamo**	Italian A1	**Aula Biancofiore A.1.7 Ricamo**	Italian A1	**Aula Biancofiore A.1.7 Ricamo**	Advanced Analysis	**A1.1 Turing**	Stochastic numerics laboratory	**C1.9 Coppito 2**
17:30–18:30	Control Systems and Machine Learning	**A2.5 Ricamo**	Italian A1	**Aula Biancofiore A.1.7 Ricamo**	Italian A1	**Aula Biancofiore A.1.7 Ricamo**				

19. TIMETABLE: FIRST SEMESTER, A.Y. 2025/2026	MASTER'S DEGREE IN MATHEMATICAL ENGINEERING – SECOND YEAR
	Local students
COMPULSORY COURSES	
Numerical Methods for PDEs (V. Protasov, 3 ECTS). *The course starts on November 3rd.*	**Advanced Scientific Computing** (C. Scalone, 6 ECTS)

TIME ⏱	MONDAY	Class-room	TUESDAY	Class-room	WEDNESDAY	Class-room	THURSDAY	Classroom	FRIDAY	Class-room
08:30-09:30					Numerical Methods for PDEs	**Lab.Mat. Mod**			Advanced Scientific Computing	**Lab.Mat. Mod**
09:30-10:30					Numerical Methods for PDEs	**Lab.Mat. Mod**			Advanced Scientific Computing	**Lab.Mat. Mod**
10:30-11:30					Numerical Methods for PDEs	**Lab.Mat. Mod**			Advanced Scientific Computing	**Lab.Mat. Mod**
11:30-12:30	Advanced Scientific Computing	**Lab.Mat. Mod**					Numerical Methods for PDEs	**HPC Lab**		
12:30-13:30	Advanced Scientific Computing	**Lab.Mat. Mod**					Numerical Methods for PDEs	**HPC Lab**		
14:30-15:30										
15:30-16:30										
16:30-17:30										
17:30–18:30										
18:30–19:30										