TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023	MSC IN MATHEMATICAL MODELLING – FIRST YEAR
26 SEPTEMBER 2022/13 JANUARY 2023	**SUBJECTS IN COMMON TO ALL STUDY TRACKS (ERASMUS MUNDUS INTERMATHS, MATHMODS)**

SUBJECTS

Applied Partial Differential Equations (C. Lattanzio, I. Shevchuk, MS Teams code: gvrqceq)	**Real and Functional Analysis**, (M. Di Francesco, MS Teams code: 30ya1r9)
Control Systems (A. D'Innocenzo, MS Teams code: 8jkh18z)	**Mathematical Modelling of Continuum Media** (D. Donatelli, MS Teams code: lp3bpls)
Dynamical Systems and Bifurcation Theory (M. Palladino, O. Kapustyan, MS Teams code: 7ehx72i)	**Italian Language and Culture for Foreigners** (level A1, R. Antonetti, MS Teams code: qjzn6c8)

* The course "Mathematical Modelling of Continuum Media" will last until October 24. The course "Real and Functional Analysis" will start on October 25.
** The courses "Applied Partial Differential equations" and "Control Systems" will start on September 19.

TIME ⏱	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Italian Language and Culture for Foreigners	A1.3	Applied Partial Differential Equations**	Biancofiore (1.7)		
09:30-10:30	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Italian Language and Culture for Foreigners	A1.3	Applied Partial Differential Equations**	Biancofiore (1.7)		
10:30-11:30			Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Italian Language and Culture for Foreigners	A1.3	Applied Partial Differential Equations**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
11:30-12:30				Biancofiore (1.7)	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
12:30-13:30				Biancofiore (1.7)	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
14:30-15:30			Dynamical Systems and Bifurcation Theory	Biancofiore (1.7)	Italian Language and Culture for Foreigners	Biancofiore (1.7)/A1.2	Dynamical Systems and Bifurcation Theory	Biancofiore (1.7)		
15:30-16:30			Dynamical Systems and Bifurcation Theory	Biancofiore (1.7)	Italian Language and Culture for Foreigners	Biancofiore (1.7)/A1.2	Dynamical Systems and Bifurcation Theory	Biancofiore (1.7)		
16:30-17:30			Applied Partial Differential Equations**	A1.6			Dynamical Systems and Bifurcation Theory	Biancofiore (1.7)		
17:30–18:30			Applied Partial Differential Equations**	A1.6						

	TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023						MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR				
	26 SEPTEMBER 2022/13 JANUARY 2023						**LOCAL STUDY TRACK: "Scientific computing and Applications"**				

SUBJECTS

Applied Partial Differential Equations (C. Lattanzio, I. Shevchuk, MS Teams code: gvrqceq)	**Real and Functional Analysis** (M. Di Francesco, MS Teams code: 30ya1r9)
Control Systems (A. D'Innocenzo, MS Teams code:8jkh18z)	**Mathematical Modelling of Continuum Media** (D. Donatelli, MS Teams code: lp3bpls)
Dynamical Systems and Bifurcation Theory (B. Rubino, M. Shcherbattyy, MS Teams code:7ehx72i)	**Advanced English Listening and Speaking** (M. Fiorenza, MS Teams code: 2xk09d9)

* The course "Mathematical Modelling of Continuum Media" will last until October 24. The course "Real and Functional Analysis" will start on October 25.
** The courses "Applied Partial Differential equations" and "Control Systems" will start on September 19.

TIME ☺	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)			Applied Partial Differential Equations**	Biancofiore (1.7)		
09:30-10:30	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)			Applied Partial Differential Equations**	Biancofiore (1.7)		
10:30-11:30			Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)			Applied Partial Differential Equations**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
11:30-12:30					Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
12:30-13:30					Mathematical Modelling of Continuum Media*/Real and Functional Analysis	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
14:30-15:30			Dynamical Systems and Bifurcation Theory	C1.10	Advanced English Listening and Speaking	1.1	Dynamical Systems and Bifurcation Theory	C1.10		
15:30-16:30			Dynamical Systems and Bifurcation Theory	C1.10	Advanced English Listening and Speaking	1.1	Dynamical Systems and Bifurcation Theory	C1.10		
16:30-17:30			Applied Partial Differential Equations**	A1.6	Advanced English Listening and Speaking	1.1	Dynamical Systems and Bifurcation Theory	C1.10		
17:30-18:30			Applied Partial Differential Equations**	A1.6						

TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023						**MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR**					
26 SEPTEMBER 2022/13 JANUARY 2023						**LOCAL STUDY TRACK: "Mathematical Modelling in Biology and Medicine"**					

SUBJECTS

Applied Partial Differential Equations (C. Lattanzio, I. Shevchuk, MS Teams code: gvrqceq)	**Real and Functional Analysis** (M. Di Francesco, MS Teams code: 30ya1r9)
Control Systems (A. D'Innocenzo, MS Teams code: 8jkh18z)	**Advanced English Listening and Speaking** (M. Fiorenza, MS Teams code: 2xk09d9)
Dynamical Systems and Bifurcation Theory (B. Rubino, M. Shcherbattyy, MS Teams code: 7ehx72i)	

* The course "Real and Functional Analysis" will start on October 25.
** The courses "Applied Partial Differential equations" and "Control Systems" will start on September 19.

TIME ⏲	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30	Real and Functional Analysis*	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)			Applied Partial Differential Equations**	Biancofiore (1.7)		
09:30-10:30	Real and Functional Analysis*	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)			Applied Partial Differential Equations**	Biancofiore (1.7)		
10:30-11:30			Real and Functional Analysis*	Biancofiore (1.7)			Applied Partial Differential Equations**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
11:30-12:30			Applied Partial Differential Equations**	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
12:30-13:30			Applied Partial Differential Equations**	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
14:30-15:30			Dynamical Systems and Bifurcation Theory	C1.10	Advanced English Listening and Speaking	1.1	Dynamical Systems and Bifurcation Theory	C1.10		
15:30-16:30			Dynamical Systems and Bifurcation Theory	C1.10	Advanced English Listening and Speaking	1.1	Dynamical Systems and Bifurcation Theory	C1.10		
16:30-17:30			Applied Partial Differential Equations**	A1.6	Advanced English Listening and Speaking	1.1	Dynamical Systems and Bifurcation Theory	C1.10		
17:30-18:30			Applied Partial Differential Equations**	A1.6						

SUBJECTS	
Applied Partial Differential Equations (C. Lattanzio, O. Kapustian, MS Teams code: gvrqceq)	**Introductory Real Analysis** (R. Sampalmieri, MS Teams code: 174ecq7)
Control Systems (A. D'Innocenzo, MS Teams code: 8jkh18z)	**Italian Language and Culture for Foreigners** (level A1, R. Antonetti, MS Teams code: qjzn6c8)
Dynamical Systems and Bifurcation Theory (B. Rubino, M. Shcherbattyy, MS Teams code: 7ehx72i)	

** The courses "Applied Partial Differential equations" and "Control Systems" will start on September 19.

TIME ⏱	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30										
09:30-10:30										
10:30-11:30	Applied Partial Differential Equations**	Biancofiore (1.7)							Control Systems**	Biancofiore (1.7)
11:30-12:30	Applied Partial Differential Equations**	Biancofiore (1.7)	Applied Partial Differential Equations**	Biancofiore (1.7)			Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
12:30-13:30	Applied Partial Differential Equations**	Biancofiore (1.7)	Applied Partial Differential Equations**	Biancofiore (1.7)			Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
14:30-15:30	Introductory Real Analysis	Biancofiore (1.7)	Dynamical Systems and Bifurcation Theory	C1.10	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Dynamical Systems and Bifurcation Theory	C1.10		
15:30-16:30	Introductory Real Analysis	Biancofiore (1.7)	Dynamical Systems and Bifurcation Theory	C1.10	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Dynamical Systems and Bifurcation Theory	C1.10		
16:30-17:30	Introductory Real Analysis	Biancofiore (1.7)	Introductory Real Analysis	Biancofiore (1.7)	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Dynamical Systems and Bifurcation Theory	C1.10		
17:30-18:30			Introductory Real Analysis	Biancofiore (1.7)	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2				

SUBJECTS	
Real and Functional Analysis (M. Di Francesco, MS Teams code: 30ya1r9)	**Time Series and Prediction** (U. Triacca, MS Teams code: cyj48kt)
Dynamical Systems and Bifurcation Theory (B. Rubino, M. Shcherbattyy, MS Teams code: 7ehx72i)	**Numerical convex optimisation** (V. Protasov, MS Teams code: hq566l8)
Machine Learning for smart cities automation (A. D'Innocenzo, MS Teams code: ej312li)	**Italian Language and Culture for Foreigners** (level A1, R. Antonetti, MS Teams code: qjzn6c8)

* The course "Real and Functional Analysis" will start on October 25.

TIME ⏱	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30	Real and Functional Analysis*	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)	Time Series and Prediction	HPC LAB.				
09:30-10:30	Real and Functional Analysis*	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)	Time Series and Prediction	HPC LAB.	Machine Learning for Smart Cities Automation	A1.5		
10:30-11:30			Real and Functional Analysis*	Biancofiore (1.7)	Time Series and Prediction	HPC LAB.	Machine Learning for Smart Cities Automation	A1.5		
11:30-12:30					Real and Functional Analysis*	Biancofiore (1.7)	Numerical Convex Optimisation	HPC LAB.		
12:30-13:30					Real and Functional Analysis*	Biancofiore (1.7)	Numerical Convex Optimisation	HPC LAB.		
14:30-15:30	Numerical Convex Optimisation	Mathematical Modelling Lab.	Dynamical Systems and Bifurcation Theory	C1.10			Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
15:30-16:30	Numerical Convex Optimisation	Mathematical Modelling Lab.	Dynamical Systems and Bifurcation Theory	C1.10			Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
16:30-17:30	Numerical Convex Optimisation	Mathematical Modelling Lab.	Time Series and Prediction	A1.5	Italian Language and Culture for Foreigners	Biancofiore (1.7)/A1.2	Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
17:30-18:30			Time Series and Prediction	A1.5	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2				

SUBJECTS

Real and Functional Analysis (M. Di Francesco, MS Teams code: 30ya1r9)	**Machine Learning for smart cities automation** (A. D'Innocenzo, MS Teams code: ej312li)
Time series and prediction (U. Triacca, MS Teams code: cyj48kt)	**Applied Partial Differential Equations** (C. Lattanzio, O. Kapustin, MS Teams code: gvrqceq)
Dynamical Systems and Bifurcation Theory (B. Rubino, M. Shcherbattyy, MS Teams code: 7ehx72i)	**Italian Language and Culture for Foreigners** (level A1, R. Antonetti, MS Teams code: qjzn6c8)

* The course "Real and Functional Analysis" will start on October 25.
** The course "Applied Partial Differential equations" will start on September 19.

TIME ⏱	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30	Real and Functional Analysis*	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)	Time Series and Prediction	HPC LAB.				
09:30-10:30	Real and Functional Analysis*	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)	Time Series and Prediction	HPC LAB.	Machine Learning for Smart Cities Automation	A1.5		
10:30-11:30	Applied Partial Differential Equations**	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)	Time Series and Prediction	HPC LAB.	Machine Learning for Smart Cities Automation	A1.5		
11:30-12:30	Applied Partial Differential Equations**	Biancofiore (1.7)	Applied Partial Differential Equations**	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)				
12:30-13:30	Applied Partial Differential Equations**	Biancofiore (1.7)	Applied Partial Differential Equations**	Biancofiore (1.7)	Real and Functional Analysis*	Biancofiore (1.7)				
14:30-15:30			Dynamical Systems and Bifurcation Theory	C1.10	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
15:30-16:30			Dynamical Systems and Bifurcation Theory	C1.10	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
16:30-17:30			Time Series and Prediction	A1.5	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
17:30-18:30			Time Series and Prediction	A1.5	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2				

TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023	MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR
26 SEPTEMBER 2022/13 JANUARY 2023	INTERNATIONAL STUDY TRACK "RealMaths" (double degree with IFNUL) – OPTION 2
SUBJECTS	
Control Systems (A. D'Innocenzo, MS Teams code:8jkh18z)	Machine Learning for smart cities automation (A. D'Innocenzo, MS Teams code: ej312li)
Time series and prediction (U. Triacca, MS Teams code: cyj48kt)	Applied Partial Differential Equations (C. Lattanzio, O. Kapustian, MS Teams code: gvrqceq)
Dynamical Systems and Bifurcation Theory (B. Rubino, M. Shcherbattyy, MS Teams code: 7ehx72i)	Italian Language and Culture for Foreigners (level A1, R. Antonetti, MS Teams code: qjzn6c8)

** The courses "Applied Partial Differential equations" and "Control Systems" will start on September 19.

TIME ⏱	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30					Time Series and Prediction	HPC LAB.				
09:30-10:30					Time Series and Prediction	HPC LAB.	Machine Learning for Smart Cities Automation	A1.5		
10:30-11:30	Applied Partial Differential Equations**	Biancofiore (1.7)			Time Series and Prediction	HPC LAB.	Machine Learning for Smart Cities Automation	A1.5	Control Systems**	Biancofiore (1.7)
11:30-12:30	Applied Partial Differential Equations**	Biancofiore (1.7)	Applied Partial Differential Equations**	Biancofiore (1.7)			Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
12:30-13:30	Applied Partial Differential Equations**	Biancofiore (1.7)	Applied Partial Differential Equations**	Biancofiore (1.7)			Control Systems**	Biancofiore (1.7)	Control Systems**	Biancofiore (1.7)
14:30-15:30			Dynamical Systems and Bifurcation Theory	C1.10	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
15:30-16:30			Dynamical Systems and Bifurcation Theory	C1.10	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
16:30-17:30			Time Series and Prediction	A1.5	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
17:30-18:30			Time Series and Prediction	A1.5	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2				

SUBJECTS

Applied Partial Differential Equations (C. Lattanzio, I. Shevchuk, MS Teams code: gvrqceq)	**Machine Learning for smart cities automation** (A. D'Innocenzo, MS Teams code: ej312li)
Dynamical Systems and Bifurcation Theory (B. Rubino, M. Shcherbattyy, MS Teams code: 7ehx72i)	**Italian Language and Culture for Foreigners** (level A1, R. Antonetti, MS Teams code: qjzn6c8)
Introductory Real Analysis (R. Sampalmieri, MS Teams code: 174ecq7)	

** The course "Applied Partial Differential equations" will start on September 19.

TIME ⏱	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30					Italian Language and Culture for Foreigners	A1.3				
09:30-10:30					Italian Language and Culture for Foreigners	A1.3	Machine Learning for Smart Cities Automation	A1.5		
10:30-11:30	Applied Partial Differential Equations**	Biancofiore (1.7)			Italian Language and Culture for Foreigners	A1.3	Machine Learning for Smart Cities Automation	A1.5		
11:30-12:30	Applied Partial Differential Equations**	Biancofiore (1.7)	Applied Partial Differential Equations**	Biancofiore (1.7)	Introductory Real Analysis	A1.1				
12:30-13:30	Applied Partial Differential Equations**	Biancofiore (1.7)	Applied Partial Differential Equations**	Biancofiore (1.7)	Introductory Real Analysis	A1.1				
14:30-15:30	Introductory Real Analysis	Biancofiore (1.7)	Dynamical Systems and Bifurcation Theory	C1.10			Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
15:30-16:30	Introductory Real Analysis	Biancofiore (1.7)	Dynamical Systems and Bifurcation Theory	C1.10			Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
16:30-17:30	Introductory Real Analysis	Biancofiore (1.7)	Introductory Real Analysis	Biancofiore (1.7)			Dynamical Systems and Bifurcation Theory	C1.10	Machine Learning for Smart Cities Automation	A1.3
17:30-18:30			Introductory Real Analysis	Biancofiore (1.7)						

TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023					**MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR**					
26 SEPTEMBER 2022/13 JANUARY 2023					**INTERNATIONAL STUDY TRACK "RealMaths" (double degree with ONU)**					

SUBJECTS

Advanced Analysis (C. Lattanzio, S. Spirito, MS Teams code: 5zzsn5f)	**Mathematics for decision making** (M. Giuli, MS Teams code: ejnw3pp)
Numerical Methods for stochastic modelling (R. D'Ambrosio, MS Teams code: w35dgjz)	**Machine learning for smart cities automation** (A. D'Innocenzo, MS Teams code: ej312li)
Mathematical Models for collective behavior (D. Amadori, MS Teams code: zn68390)	**Italian Language and Culture for Foreigners** (level A1, R. Antonetti, MS Teams code: qjzn6c8)

TIME ⏲	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30									Mathematics for decision making	A1.2
09:30-10:30							Machine learning for smart cities automation	A1.5	Mathematics for decision making	A1.2
10:30-11:30	Mathematical Models for Collective Behaviour	A0.4					Machine learning for smart cities automation	A1.5	Mathematics for decision making	A1.2
11:30-12:30	Mathematical Models for Collective Behaviour	A0.4					Mathematical Models for Collective Behaviour	A1.5		
12:30-13:30	Mathematical Models for Collective Behaviour	A0.4					Mathematical Models for Collective Behaviour	A1.5		
14:30-15:30	Advanced Analysis	C1.9	Advanced Analysis	C1.9	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Numerical methods for stochastic modelling	A1.3	Machine learning for smart cities automation	A1.3
15:30-16:30	Advanced Analysis	C1.9	Advanced Analysis	C1.9	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Numerical methods for stochastic modelling	A1.3	Machine learning for smart cities automation	A1.3
16:30-17:30	Advanced Analysis	C1.9			Mathematics for decision making	A1.3	Advanced Analysis	C1.9	Machine learning for smart cities automation	A1.3
17:30-18:30					Mathematics for decision making	A1.3	Advanced Analysis	C1.9		

TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023	MSC IN MATHEMATICAL ENGINEERING – FIRST YEAR
26 SEPTEMBER 2022/13 JANUARY 2023	INTERNATIONAL STUDY TRACK "RealMaths" (double degree with KHNU) BRANCH "APPLIED MATHEMATICS" STUDY PLAN 2
SUBJECTS	
Advanced Analysis (C. Lattanzio, S. Spirito, MS Teams code: 5zzsn5f)	**Numerical Methods for Stochastic Modelling** (R. D'Ambrosio, MS Teams code: w35dgjz)
Mathematical Models for Collective Behaviour (D. Amadori, MS Teams code: zn68390)	**Mathematics for decision making** (M. Giuli, MS Teams code: ejnw3pp)
Machine learning for Smart Cities Automation (A. D'Innocenzo, MS Teams code: ej312li)	**Italian Language and Culture for Foreigners** (level A1, R. Antonetti, MS Teams code: qjzn6c8)

TIME ⌚	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30									Mathematics for decision making	A1.2
09:30-10:30							Machine learning for Smart Cities Automation	A1.5	Mathematics for decision making	A1.2
10:30-11:30	Mathematical Models for Collective Behaviour	A0.4					Machine learning for Smart Cities Automation	A1.5	Mathematics for decision making	A1.2
11:30-12:30	Mathematical Models for Collective Behaviour	A0.4					Mathematical Models for Collective Behaviour	A1.5		
12:30-13:30	Mathematical Models for Collective Behaviour	A0.4					Mathematical Models for Collective Behaviour	A1.5		
14:30-15:30	Advanced Analysis	C1.9	Advanced Analysis	C1.9	Italian Language and Culture for Foreigners	Biancofiore (1.7)/A1.2	Numerical methods for stochastic modelling	A1.3	Machine learning for Smart Cities Automation	A1.3
15:30-16:30	Advanced Analysis	C1.9	Advanced Analysis	C1.9	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2	Numerical methods for stochastic modelling	A1.3	Machine learning for Smart Cities Automation	A1.3
16:30-17:30	Advanced Analysis	C1.9			Mathematics for decision marking	A1.3	Advanced Analysis	C1.9	Machine learning for Smart Cities Automation	A1.3
17:30-18:30					Mathematics for decision making	A1.3	Advanced Analysis	C1.9		

TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023	MSC IN MATHEMATICAL MODELLING – SECOND YEAR
26 SEPTEMBER 2022/13 JANUARY 2023	**MATHMODS STUDY TRACK "Mathematical Modelling and Optimisation"**
SUBJECTS	
Optimisation in Signal Processing and Wavelets (V. Protasov, MS Teams code: ez6ci3b)	**Optimisation Models and Algorithms** (C. Arbib, MS Teams code: tk5jbb7)
Advanced Analysis (C. Lattanzio, MS Teams code: 5zzsn5f)	**Modelling and control of networked distributed systems** (G. Pola, MS Teams code: igxqkep)
Process and Operations Scheduling (S. Smriglio, MS Teams code: t3y9eb2)	**Italian Language and Culture for Foreigners** (level A2, E. Mililli, MS Teams code: 3641zvr)

* "Advanced Analysis" is a 6 CFU course.
**The course "Italian Language and Culture for Foreigners" (level A2) will start on October 12.

TIME ⏱	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30			Process and Operations Scheduling	HPC LAB.			Optimisation in Signal Processing and Wavelets	HPC LAB	Optimisation in Signal Processing and Wavelets	A1.1
09:30-10:30			Process and Operations Scheduling	HPC LAB.	Optimisation Models and Algorithms	A1.2	Optimisation in Signal Processing and Wavelets	HPC LAB	Optimisation in Signal Processing and Wavelets	A1.1
10:30-11:30			Process and Operations Scheduling	HPC LAB.	Optimisation Models and Algorithms	A1.2	Optimisation in Signal Processing and Wavelets	HPC LAB	Optimisation Models and Algorithms	C1.10
11:30-12:30					Modelling and control of networked distributed systems	HPC LAB.	Process and Operations Scheduling	A0.4	Optimisation Models and Algorithms	C1.10
12:30-13:30					Modelling and control of networked distributed systems	HPC LAB.	Process and Operations Scheduling	A0.4	Optimisation Models and Algorithms	C1.10
14:30-15:30	Advanced Analysis*	C1.9	Advanced Analysis*	C1.9	Italian Language and Culture for Foreigners**	HPC LAB.			Modelling and control of networked distributed systems	A1.2
15:30-16:30	Advanced Analysis*	C1.9	Advanced Analysis*	C1.9	Italian Language and Culture for Foreigners**	HPC LAB.			Modelling and control of networked distributed systems	A1.2
16:30-17:30	Advanced Analysis*	C1.9					Advanced Analysis*	C1.9	Modelling and control of networked distributed systems	A1.2
17:30-18:30							Advanced Analysis*	C1.9		

TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023	**MSC IN MATHEMATICAL MODELLING – SECOND YEAR**	
26 SEPTEMBER 2022/13 JANUARY 2023	**ERASMUS MUNDUS INTERMATHS STUDY TRACK "Cancer Modelling and Simulation"**	
SUBJECTS		
Advanced Analysis (C. Lattanzio, S. Spirito, MS Teams code: 5zzsn5f)	**Cancer genetics and biology for mathematical modelling** (A. Tessitore, D. Capece, MS Teams code: 0j78adk)	
Biomathematics (S. Fagioli, E. Radici, MS Teams code: q10av5d)	**Mathematical fluid and biofluid dynamics** (D. Donatelli, MS Teams code: lp3bpls)	
Systems Biology (A. Borri, MS Teams code: 819zkg0)	**Italian Language and Culture for Foreigners** (level A2, E. Mililli, MS Teams code: 3641zvr)	

* "Advanced Analysis" is a 6 CFU course.
**The course "Italian Language and Culture for Foreigners" (level A2) will start on October 12.

TIME ⏲	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30	Mathematical fluid and biofluid dynamics	Biancofiore (1.7)	Mathematical fluid and biofluid dynamics	Biancofiore (1.7)			Biomathematics	1.1	Systems Biology	1.1
09:30-10:30	Mathematical fluid and biofluid dynamics	Biancofiore (1.7)	Mathematical fluid and biofluid dynamics	Biancofiore (1.7)			Biomathematics	1.1	Systems Biology	1.1
10:30-11:30	Cancer genetics and biology for mathematical modelling	Mathematical Modelling Lab.	Mathematical fluid and biofluid dynamics	Biancofiore (1.7)			Biomathematics	1.1	Systems Biology	1.1
11:30-12:30	Cancer genetics and biology for mathematical modelling	Mathematical Modelling Lab.	Cancer genetics and biology for mathematical modelling	A1.5	Mathematical fluid and biofluid dynamics	Biancofiore (1.7)			Biomathematics	0.6
12:30-13:30	Cancer genetics and biology for mathematical modelling	Mathematical Modelling Lab.	Cancer genetics and biology for mathematical modelling	A1.5	Mathematical fluid and biofluid dynamics	Biancofiore (1.7)			Biomathematics	0.6
14:30-15:30	Advanced Analysis*	C1.9	Advanced Analysis*	C1.9	Italian Language and Culture for Foreigners**	HPC LAB.				
15:30-16:30	Advanced Analysis*	C1.9	Advanced Analysis *	C1.9	Italian Language and Culture for *Foreigners*	HPC LAB.				
16:30-17:30	Advanced Analysis*	C1.9			Systems Biology	A1.5	Advanced Analysis*	C1.9		
17:30-18:30					Systems Biology	A1.5	Advanced Analysis*	C1.9		

	TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023			MSC IN MATHEMATICAL MODELLING – SECOND YEAR	
	26 SEPTEMBER 2022/13 JANUARY 2023			ERASMUS MUNDUS INTERMATHS STUDY TRACK "Modelling and simulation of infectious diseases"	
SUBJECTS					
Advanced Analysis (C. Lattanzio, S. Spirito, MS Teams code: 5zzsn5f)			Time series and prediction (U. Triacca, MS Teams code: cyj48kt)		
Deterministic modelling in population dynamics and epidemiology (M. Di Francesco, MS Teams code: uqmg4fs)			Computational methods in epidemiology (R. D'Ambrosio, MS Teams code: syjqm1o)		
Modelling and control of networked distributed systems (G. Pola, MS Teams code: igxqkep)			Italian Language and Culture for Foreigners (level A2, E. Mililli, MS Teams code: 3641zvr)		

* "Advanced Analysis" is a 6 CFU course.
**The course "Italian Language and Culture for Foreigners" (level A2) will start on October 12.

TIME ⏱	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Class-room
08:30-09:30					Time series and prediction	A1.3	Deterministic modelling in population dynamics and epidemiology	Mathematical Modelling Lab.		
09:30-10:30					Time series and prediction	A1.3	Deterministic modelling in population dynamics and epidemiology	Mathematical Modelling Lab.		
10:30-11:30	Computational methods in epidemiology	HPC LAB.			Time series and prediction	A1.3	Deterministic modelling in population dynamics and epidemiology	Mathematical Modelling Lab.		
11:30-12:30	Computational methods in epidemiology	HPC LAB.	Deterministic modelling in population dynamics and epidemiology	HPC LAB.	Modelling and control of networked distributed systems	HPC LAB.			Computational methods in epidemiology	HPC LAB.
12:30-13:30	Computational methods in epidemiology	HPC LAB.	Deterministic modelling in population dynamics and epidemiology	HPC LAB.	Modelling and control of networked distributed systems	HPC LAB.			Computational methods in epidemiology	HPC LAB.
14:30-15:30	Advanced Analysis*	C1.9	Advanced Analysis*	C1.9	Italian Language and Culture for Foreigners**	HPC LAB.			Modelling and control of networked distributed systems	A1.2
15:30-16:30	Advanced Analysis*	C1.9	Advanced Analysis*	C1.9	Italian Language and Culture for Foreigners**	HPC LAB.			Modelling and control of networked distributed systems	A1.2
16:30-17:30	Advanced Analysis*	C1.9	Time series and prediction	A1.5			Advanced Analysis*	C1.9	Modelling and control of networked distributed systems	A1.2
17:30-18:30			Time series and prediction	A1.5			Advanced Analysis*	C1.9		

TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023					**MSC IN MATHEMATICAL MODELLING – SECOND YEAR**					
26 SEPTEMBER 2022/13 JANUARY 2023					**MATHMODS STUDY TRACK "Mathematical models in social sciences"**					

SUBJECTS

Advanced Analysis (C. Lattanzio, S. Spirito, MS Teams code: 5zzsn5f)	**Deterministic modelling in population dynamics and epidemiology** (M. Di Francesco, MS Teams code: uqmg4fs)
Mathematical Models for Collective Behaviour (D. Amadori, MS Teams code: zn68390)	**Mathematics for decision making** (M. Giuli, MS Teams code: ejnw3pp)
Mathematical fluid dynamics (D. Donatelli, MS Teams code: lp3bpls)	**Italian Language and Culture for Foreigners** (level A2, E. Mililli, MS Teams code: 3641zvr)
Computational methods in epidemiology (R. D'Ambrosio, MS Teams code: syjqm1o)	**Numerical Methods for Stochastic Modelling** (R. D'Ambrosio, MS Teams code: w35dgjz)

* "Advanced Analysis" is a 6 CFU course.
**The course "Italian Language and Culture for Foreigners" (level A2) will start on October 12.

TIME ☺	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30	Mathematical fluid dynamics	Biancofiore (1.7)	Mathematical fluid dynamics	Biancofiore (1.7)			Deterministic modelling in population dynamics and epidemiology	Mathematical Modelling Lab.	Mathematics for decision making	A1.2
09:30-10:30	Mathematical fluid dynamics	Biancofiore (1.7)	Mathematical fluid dynamics	Biancofiore (1.7)			Deterministic modelling in population dynamics and epidemiology	Mathematical Modelling Lab.	Mathematics for decision making	A1.2
10:30-11:30	Mathematical Models for Collective Behaviour / Computational methods in epidemiology	A0.4 / HPC LAB.	Mathematical fluid dynamics	Biancofiore (1.7)			Deterministic modelling in population dynamics and epidemiology	Mathematical Modelling Lab.	Mathematics for decision making	A1.2
11:30-12:30	Mathematical Models for Collective Behaviour / Computational methods in epidemiology	A0.4 / HPC LAB.	Deterministic modelling in population dynamics and epidemiology	HPC LAB.	Mathematical fluid dynamics	Biancofiore (1.7)	Mathematical Models for Collective Behaviour	A1.5	Computational methods in epidemiology	HPC LAB.
12:30-13:30	Mathematical Models for Collective Behaviour / Computational methods in epidemiology	A0.4 / HPC LAB.	Deterministic modelling in population dynamics and epidemiology	HPC LAB.	Mathematical fluid dynamics	Biancofiore (1.7)	Mathematical Models for Collective Behaviour	A1.5	Computational methods in epidemiology	HPC LAB.
14:30-15:30	Advanced Analysis*	C1.9	Advanced Analysis*	C1.9	Italian Language and Culture for Foreigners**	HPC LAB.	Numerical methods for stochastic modelling	A1.3		
15:30-16:30	Advanced Analysis *	C1.9	Advanced Analysis *	C1.9	Italian Language and Culture for Foreigners**	HPC LAB.	Numerical methods for stochastic modelling	A1.3		
16:30-17:30	Advanced Analysis*	C1.9			Mathematics for decision making	A1.3	Advanced Analysis*	C1.9		
17:30-18:30					Mathematics for decision making	A1.3	Advanced Analysis*	C1.9		

TIMETABLE: FIRST SEMESTER, A.Y. 2022/2023					**MSC IN MATHEMATICAL ENGINEERING – SECOND YEAR**					
26 SEPTEMBER 2022/13 JANUARY 2023					**LOCAL STUDY TRACK: "Mathematical Modelling in Biology and Medicine"**					

SUBJECTS

Advances Analysis (C. Lattanzio, MS Teams code: 5zzsn5f)	**Mathematical Control Methods in Life Sciences** (C. Pignotti, MS Teams code: 5w4k2s1)
Mathematical Fluid and Biofluid Dynamics (D. Donatelli, MS Teams code: lp3bpls)	**Numerical Methods for stochastic modelling** (R. D'Ambrosio, MS Teams code: w35dgjz)
Computational methods in epidemiology (R. D'Ambrosio, MS Teams code: syjqm1o)	**Biomathematics** (S. Fagioli, E. Radici, MS Teams code: q10av5d)
Deterministic modelling in population dynamics and epidemiology (M. Di Francesco, MS Teams code: uqmg4fs)	**Systems Biology** (A. Borri, MS Teams code: 819zkg0)

* "Advanced Analysis I" is a 6 CFU course.

TIME ☺	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30	Mathematical Fluid and Biofluid Dynamics	Biancofiore (1.7)	Mathematical Fluid and Biofluid Dynamics	Biancofiore (1.7)			Biomathematics / Deterministic modelling in population dynamics and epidemiology	1.1 / Mathematical Modelling Lab.	Mathematical Control Methods in Life Sciences / Systems Biology	Digital Class / 1.1
09:30-10:30	Mathematical Fluid and Biofluid Dynamics	Biancofiore (1.7)	Mathematical Fluid and Biofluid Dynamics	Biancofiore (1.7)			Biomathematics / Deterministic modelling in population dynamics and epidemiology	1.1 / Mathematical Modelling Lab.	Mathematical Control Methods in Life Sciences / Systems Biology	Digital Class / 1.1
10:30-11:30	Computational methods in epidemiology	HPC LAB.	Mathematical Fluid and Biofluid Dynamics	Biancofiore (1.7)			Biomathematics / Deterministic modelling in population dynamics and epidemiology	1.1 / Mathematical Modelling Lab.	Mathematical Control Methods in Life Sciences / Systems Biology	Digital Class / 1.1
11:30-12:30	Computational methods in epidemiology	HPC LAB.	Deterministic modelling in population dynamics and epidemiology	HPC LAB.	Mathematical Fluid and Biofluid Dynamics	Biancofiore (1.7)			Biomathematics / Computational methods in epidemiology	0.6 / HPC LAB.
12:30-13:30	Computational methods in epidemiology	HPC LAB.	Deterministic modelling in population dynamics and epidemiology	HPC LAB.	Mathematical Fluid and Biofluid Dynamics	Biancofiore (1.7)			Biomathematics / Computational methods in epidemiology	0.6 / HPC LAB.
14:30-15:30	Advanced Analysis *	C1.9	Advanced Analysis*	C1.9			Numerical methods for stochastic modelling	A1.3		
15:30-16:30	Advanced Analysis*	C1.9	Advanced Analysis*	C1.9			Numerical methods for stochastic modelling	A1.3		
16:30-17:30	Advanced Analysis *	C1.9			Systems Biology	A1.5	Advanced Analysis*	C1.9		
17:30-18:30					Systems Biology	A1.5	Advanced Analysis*	C1.9		

SUBJECTS

Advances Analysis (C. Lattanzio, MS Teams code: 5zzsn5f)	**Mathematics for decision making** (M. Giuli, MS Teams code: ejnw3pp)
Time series and prediction (U. Triacca, MS Teams code: cyj48kt)	**Italian Language and Culture for Foreigners** (level A1, R. Antonetti, MS Teams code: qjzn6c8)
Modelling and control of networked distributed systems (G. Pola, MS Teams code: igxqkep)	

TIME ⏰	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30-09:30					Time series and prediction	A1.3			Mathematics for decision making	A1.2
09:30-10:30					Time series and prediction	A1.3			Mathematics for decision making	A1.2
10:30-11:30					Time series and prediction	A1.3			Mathematics for decision making	A1.2
11:30-12:30					Modelling and control of networked distributed systems	HPC LAB.				
12:30-13:30					Modelling and control of networked distributed systems	HPC LAB.				
14:30-15:30	Advanced Analysis	C1.9	Advanced Analysis	C1.9	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2			Modelling and control of networked distributed systems	A1.2
15:30-16:30	Advanced Analysis	C1.9	Advanced Analysis	C1.9	Italian Language and Culture for Foreigners	Biancofiore (1.7) / A1.2			Modelling and control of networked distributed systems	A1.2
16:30-17:30	Advanced Analysis	C1.9	Time series and prediction	A1.5	Mathematics for decision making	A1.3	Advanced Analysis	C1.9	Modelling and control of networked distributed systems	A1.2
17:30-18:30			Time series and prediction	A1.5	Mathematics for decision making	A1.3	Advanced Analysis	C1.9		