Studies Plan

EDMA - Mathematics 2023-24

Core courses

Courses				Exam	Credit
Language	Code	Section	Teacher		
Advanced methods for causal inference					
(Fall semester)					
E	MATH-655	EDMA	Stensrud	During the semester	4
Advanced Scientific Programming in Python					
(The course expects participants to at least have an intermediate understanding of the Python programming language)					
E	MATH-661	EDMA	Buffa Hinz	Project report	1
Artificial Life					
(Spring semester)					
E	MATH-642	EDMA	Hongler Papadopoulos	Oral presentation	2
Deformation Theory					
(Registration only to edma@epfl.ch until 31.12.2023)					
E	MATH-657	EDMA	Wyss	Oral presentation	3
Inference on graphs					
(Next time in 2024/25)					
E	MATH-602	EDMA	Abbé Berthier	Oral	3
Numerical linear algebra for Koopman and DMD					
(Spring semester)					
E	MATH-656	EDMA	Drmac Kressner	Project report	3
Numerical methods for data assimilation					
E	MATH-660	EDMA	Nobile	Oral presentation	2
Perfectoid spaces					
E	MATH-662	EDMA	Patakfalvi	Oral presentation	3
Reading group in applied topology I					
(Fall semester)					
E	MATH-688	EDMA	Hess Bellwald	Oral presentation	1
Reading group in applied topology II					
(Spring semester)					
E	MATH-681	EDMA	Hess Bellwald	Oral presentation	1
Reading group in quantum computing					
E	MATH-646	EDMA	Hongler Persson	Oral presentation	3
Statistical consulting and collaborations					
E	MATH-663	EDMA	Schütz	Written	1
Topics in dispersive PDE					
E	MATH-659	EDMA	Krieger	Oral presentation	2
Topics in geometric analysis I					
(Postponed until further notice)					
E	MATH-731	EDMA	Troyanov	Oral	2
Topics in geometric analysis II					
(Postponed until further notice)					
E	MATH-731(2)	EDMA	Troyanov	Oral	2
Topics on the Euler and Navier-Stokes equations					
(Fall semester)					
E	MATH-647	EDMA	Colombo	Oral presentation	2
Vanishing cycles and perverse sheaves					
E	MATH-658	EDMA	Hemelsoet Testerman	Oral presentation	1
Working group in Topology I					
(Next time: Fall semester)					
E	MATH-726	EDMA	Hess Bellwald	Oral presentation	2

C : Courses, E : Exercice, P : Pratic courses, * : option courses / F : French courses, D : Deutsch courses, E : English Courses / Sum : Summer, Win : Winter

Working group in Topology II
(Spring semester)

E	MATH-726(2)	EDMA	Hess Bellwald	Oral presentation	2