Studies Plan

Mineur : Computational biology 2023-24

Mineur : Computational Biology

Language	Code	Section	Teacher	Exam Session	Exam	Credit
	Applied data analysis					
E	CS-401	SC	West	Win	Written	8
	Artificial neural networks/reinforcement learning					
E	CS-456	IN	Gerstner	Sum	Written	6
	Biostatistics					
E	MATH-449	MA	Stensrud	Sum	Written	5
	Brain-like computation and intelligence					
E	NX-414	NX	Mathis	Sum	Written	4
	Computational cell biology					
E	BIOENG-455	SV	Shillcock	Win	During the semester	4
	Computational motor control					
E	CS-432	SV	Ijspeert	Sum	During the semester	4
	Computational neurosciences: neuronal dynamics					
E	NX-465	NX	Gerstner	Sum	Written	5
	Data visualization					
E	COM-480	SC	Vuillon	Sum	During the semester	6
	Deep learning in biomedicine					
E	CS-502	IN	Brbic	Win	During the semester	6
	Digital epidemiology					
E	BIO-512	SV	Salathé	Sum	During the semester	4
	Lab immersion I					
E	BIO-501	SV	Profs divers	Sum Win	During the semester	8
	Machine learning					
E	CS-433	IN	Flammarion Jaggi	Win	Written	8
	Network machine learning					
E	EE-452	EL	Frossard Thanou	Sum	During the semester	4
	Neuroscience					
E	BIO-311	SV	Mathis Ramdya	Win	During the semester	4
	Principles and applications of systems biology					
E	ChE-411	CGC	Hatzimanikatis	Win	During the semester	3
	Randomness and information in biological data					
E	BIO-369	SV	Bitbol	Sum	Written	4

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