Studies Plan

Mineur: Génie civil 2024-25

Minor : Civil Engineering

	Courses			Exam Session	Exam	Credi			
Language		Section	Teacher						
		nposites in engineering	g						
_	structures					_			
E	CIVIL-443	GC	Vassilopoulos	Win	Oral	3			
_	Bridge design	00	17	0	D	•			
E	CIVIL-478	GC	Vacat	Sum	During the	3			
	D.: 11.11				semester				
_	Building physi			C	14/=:44===	,			
E	CIVIL-479	GC		Sum	Written	4			
_	•	esign and innovation	1/	0	01	•			
E	CIVIL-464	GC	Vassilopoulos	Sum	Oral	3			
_	CIVIL-423	I geomechanics	Lacampian	Min	During the	_			
E	CIVIL-423	GC	Lecampion	Win	During the	5			
	C	I baralua damanatan			semester				
_		l hydrodynamics	//- minama	14/:	01	_			
E	CIVIL-471	GC	Karimpour	Win	Oral	5			
	0		Ghannadi						
	Computational systems thinking for								
_	sustainable en	O .	Camta	C	Desiring of the	,			
E	CIVIL-534	GC	Sonta	Sum	During the	4			
	0	-1			semester				
_		echanics and application			. .	_			
E	CIVIL-425	GC	Garcia	Sum	Oral	6			
			Suarez						
			Lecampion						
			Molinari						
_	Dam engineer								
E	CIVIL-411	GC	Manso	Win	Oral	3			
			Mouvet						
	Decision-aid n	nethodologies in							
	transportation								
E	CIVIL-557	GC	Paschalidis	Sum	During the	4			
			Torres		semester				
E	Deep learning	for autonomous vehic	les						
	CIVIL-459	GC	Alahi	Sum	During the	6			
					semester				
_		nstruction of roadway							
F	CIVIL-463	GC	Tille	Win	Written	3			
	• .	ast concrete structure							
E	CIVIL-414	GC	Fernandez-Ord	OB10#20	During the	3			
					semester				
	Dynamics of s	tructures							
E	CIVIL-468	GC	Lignos	Win	Written	4			
			Vanin						
	Energy geostr	uctures			-				
E	CIVIL-444	GC	Laloui	Sum	Written	4			
	Engineering of	f existing structures							
E	CIVIL-511	GC	Denarié	Win	Oral	4			
			Nussbaumer						
	Flood and dan	n break waves							
F	CIVIL-515	GC	Ancey	Sum	Oral	3			
	Flow monitoria	ng technology in water							
	engineering								
E	CIVIL-427	GC	De	Sum	During the	3			
			Cesare		semester				
			Perona						
	Fluvial hvdrau	lics and river training	works						
F	CIVIL-410	GC	André	Win	Oral	3			
			Arborino			-			
			De						
			Cesare						
	Fundamentale	of traffic operations a							
	control	o. danio operations a							
E	CIVIL-457	GC	Geroliminis	Win	During the	4			
_	JIVIL-4JI		Jordininis	*****	semester	7			
					SCHICSICI				

Е	Geomechanic		Ferrari	Win	Written	5
E	CIVIL-402	GC	reman Laloui	VVIII	vvrilleri	5
	Geothermal r	esource development	Laioui			
E	CIVIL-470	GC	Kushnir	Win	Oral	3
	Hydropower	schemes and pumped-	storage			
E	CIVIL-469	GC	De	Sum	Written	4
			Cesare			
-	Indoor oir au	ality and ventilation	Manso			
E	CIVIL-460	ality and ventilation GC	Licina	Sum	During the	4
_	OIVIL 400	00	Licina	Gam	semester	7
-	Innovation fo	r construction and the				
	environment					
E	CIVIL-424	GC	Terzis	Win	During the	3
	Maakina laan	alm u fau uua diativa usale			semester	
	applications	ning for predictive main	ntenance			
E	CIVIL-426	GC	Fink	Win	During the	6
_	01112 120		, , , , ,	••••	semester	Ü
	Materials and	structures				
E	CIVIL-532	GC	Denarié	Win	Oral	3
_	Mobility engi	•	- ·	14"	5	
F	CIVIL-451	GC	Tufo	Win	During the	3
	Nonlinear and	alysis of structures			semester	
Е	CIVIL-449	GC	Lignos	Win	Written	6
_	S. VIL TTO	50	Saloustros	*****		J
-	Reinforced co	oncrete structures - ad				
	topics					
E	CIVIL-512	GC		Sum	Written	4
_		lls for engineers		14/:	Decision as 415 a	0
E	CIVIL-465	GC		Win	During the	2
	Risk analysis	and management			semester	
F	CIVIL-438	GC	Defert	Win	Oral	2
	Rock mass cl	haracterization for eng	ineering			
_	design			_		
Е	CIVIL-496	GC	Kushnir	Sum	During the	5
	Solomio ongi	nooring	Violay		semester	
E	Seismic engii CIVIL-522	GC	Lignos	Sum	Written	6
_	OIVIL OLL	00	Saloustros	Gam	vinteen	O
			Vanin			
	Slope stabilit					
E	CIVIL-530	GC	Ferrari	Sum	Written	3
_	Steel structur		N / /	14/:	14/=:44===	•
E	CIVIL-526 Structural sta	GC ability	Nussbaumer	Win	Written	3
E	CIVIL-369	GC	Heredia	Sum	Written	4
_	3.1.2 000		Rosa	Juin		•
			Lignos			
			Sousa			
		nics of comfort in build			5	
E	CIVIL-450	GC	Khovalyg	Sum	During the	3
	Timber const	ruction			semester	
E	CIVIL-433	GC	Natterer	Sum	Oral	3
		on economics		G	3.0.	-
E	CIVIL-455	GC	Geroliminis	Sum	During the	3
			Yang		semester	
			de			
	Trongments!:	n notwork madalina o	Palma			
Е	CIVIL-477	n network modeling & GC		Sum	During the	3
_	OIVIL-4//	50	Zhang	Guili	semester	J
	Underground	construction			3030107	
E	CIVIL-404	GC	Sandrone	Sum	During the	3
					semester	
_	Urban hydrau		Dfiele	C	01	2
<u>E</u>	CIVIL-413	GC	Pfister	Sum	Oral	3

Water resources engineering and management *CIVIL-466 GC*

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Bieri Leite Ribeiro Perona

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