## **Studies Plan**

## Systèmes de communication 2024-25

## Block "Projects & SHS"

	Courses			Master 1	Master 2	Exam Session	Exam	Credit
Lang.	Code	Sect.	TeacherSpeciali	£atiEn L T P	ICELTP	P		
	Research proj communicatio		ms II					
Е	COM-416	SČ	Profs divers		2h	2h S <i>um</i> Win	During the semester	12
	HSS : Introduc	ction to	project					
		SHS				Win		3
	HSS : Project	SHS				Sum		3

Group 1

	Courses			Master 1	/	Master 2	Exam Session	Exam	Credit
Lang.	Code	Sect.		lization L	ΙΡΙ	CELTPI			
	Advanced pro	bability	and						
	applications								
Е	COM-417	SC	Shkel	4h 2h			Win	Written	8
	Algorithms II								
Е	CŠ-450	IN	Kapralov	4h 3h			Win	Written	8
			Svensson						
	Cryptography	and se							
Е	COM-401	SC	Vaudenay	4h 2h			Win	Written	8
<u> </u>	Distributed al			-11 211				Witten	0
Е	CS-451	SC	Guerraoui	2h 1h 3h			Win	Written	8
<u> </u>				211 111 311			VVIII	willen	0
	Information se	ecurity a	and						
_	privacy		_						_
E	COM-402	IN	Payer	3h 1h	2h		Win	Written	8
	Information th	eory an	nd						
	coding								
Е	COM-404	SC	Telatar	4h 2h			Win	Written	8
	Machine learn	ing							
Е	CS-433	IŇ	Flammarion	4h 2h	2h		Win	Written	8
			Jaggi						
	Mobile networ	ks							
Е	COM-405	SC	AI	3h 2h 2h			Win	Written	8
-	00111 400	00	Hassanieh	011 211 211				Wintton	0
	Modern digita	-	riussullien						
	communicatio		ands-on						
		ms. a n	anus-on						
_	approach	~~	01				14.6.		0
E	COM-430	SC	Chiurtu	2h 2h			Win	During the	8
								semester	
	Statistical sig		data						
	processing th	rough							
	applications								
Е	COM-500	SC	Ridolfi			3h 2h	Sum	Written	8
	TCP/IP networ	rking							
Е	COM-407	sc	Nikolopoulos	2h 2h 2h			Win	Written	8
			,						

Group 2 : Options

	Courses		Master 1	Master 2	Exam Session	Exam	Credit	
Lang.	Code	Sect.	TeacherSpecializatiEn L T P I	CELTP	1			
	Advanced con construction	npiler						
Е	CS-420	IN	Schinz	2h 2h	Sum	During the semester	6	
	Advanced con	nputer						
	architecture							
Е	CS-470	IN	lenne	3h 2h	Sum	Written	8	
	Advanced con	nputer o	graphics					
E	CS-440	ÎN		2h 1h 1h 1h	Sum	During the semester	6	

Е	Advanced cry COM-501	ptograp SC	ohy Vaudenay			2h 2h		Sum	Written	6
L	Advanced mu					211 211		Sum	Willen	0
	architecture									
Ε	CS-471	IN	Falsafi	4h	8h			Win	During the	8
									semester	
F	Advanced ope	erating s	•	2h 1h 2h				Win	Written	6
E	CS-477 Advanced top		Kashyap privacy	211 111 21	1			VVII I	Willen	0
	enhancing tec									
Ε	CS-523	IN	Stadler			3h 1h	2h	Sum	Written	8
			Troncoso							
~	Al product ma	•	ent Kaboli	2h 2h	26			M/in	During the	6
Е	CS-500	IN	Zamir	20 20	3h			Win	During the semester	0
	Applied biome	dical s							0011100101	
_	processing		-							
E	EE-512	EL	Lemay	2h	2h			Win	Written	4
Е	Applied biosta MATH-493	MA	Goldstein			2h 2h		Sum	During the	5
L	MATT 455	NI/A	Colusion			211 211		Oum	semester	0
	Applied data a	nalysis	5							
Ε	CS-401	SC	Brbic	2h	2h			Win	Written	8
	Automatic spe	ech								
Е	processing EE-554	EL	Magimai	2h 2h				Win	Written	4
-	22 007		Doss	2 2				••••		
	Basics of mob		otics							
E	MICRO-452	MT	Mondada	1h	1h 2h			Win	Written	4
Е	Bioimage info BIO-410	rmatics SV	Sage			2h	2h	Sum	Written	4
L	BIO-410	37	Seitz			211	211	Sum	Willen	4
	Causal inferer	nce								
Е	MGT-416	MTE	Kiyavash			2h 1h		Sum	During the	4
	0								semester	
Е	Causal thinkin MATH-352	MA	Stensrud	2h 2h				Win	Written	5
<u> </u>	Cellular biolog		Otensida	211 211				•••	Willion	0
	biochemistry		nooro							
	biochemistry	or engi	neers							
E	BIO-105	SV	Zufferey	2h 2h				Win	Written	4
	BIO-105 Computationa	SV I comp	Zufferey lexity							
<u>E</u>	BIO-105	SV	Zufferey	2h 2h 2h 2h				Win Win	Written During the semester	
	BIO-105 Computationa	SV I comp IN	Zufferey lexity						During the	
	BIO-105 Computationa CS-524 Computationa neurosciences	SV I comp IN	Zufferey lexity Göös						During the	
E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics	SV I compl IN I S: neuro	Zufferey lexity Göös onal			2h 2h		Win	During the semester	6
	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465	SV I comp IN I s: neuro	Zufferey lexity Göös onal Gerstner			2h 2h			During the	
E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics	SV I comp IN I s: neuro	Zufferey lexity Göös onal Gerstner			2h 2h 2h	2h	Win	During the semester Written	6
E 	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413	SV I comp IN I S: neuro NX I photo SC	Zufferey lexity Göös onal Gerstner graphy Süsstrunk				2h	Win Sum	During the semester	6
E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an	SV I compl IN I S: neuro NX I photo SC d music	Zufferey lexity Göös onal Gerstner graphy Süsstrunk			2h	2h	Win Sum Sum	During the semester Written During the semester	6 5 6
E 	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418	SV I compl IN I s: neuro NX I photo SC d music SC	Zufferey lexity Göös onal Gerstner graphy Süsstrunk				2h	Win Sum	During the semester Written During the	6
E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an	SV I compl IN I s: neuro NX I photo SC d music SC	Zufferey lexity Göös onal Gerstner graphy Süsstrunk			2h	2h	Win Sum Sum	During the semester Written During the semester	6 5 6
E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent co	SV I compl IN I S: neuro NX I photo SC d music SC on IN	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua	2h 2h		2h 2h 1h	2h	Win Sum Sum Sum Sum	During the semester Written During the semester Oral Written	6 5 6 6
E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453	SV I comp IN I s: neuro NX I photo SC d music SC on IN M SC	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua		)	2h 2h 1h	2h	Win Sum Sum Sum	During the semester Written During the semester Oral	6 5 6 6
E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza	SV I comp IN S: neuro NX I photo SC d music SC on IN Momputin SC tion	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua g Guerraoui	2h 2h		2h 2h 1h 2h 1h		Win Sum Sum Sum Sum Win	During the semester Written During the semester Oral Written Written	6 5 6 6 6 6
E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453	SV I comp IN I s: neuro NX I photo SC d music SC on IN M SC	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua	2h 2h		2h 2h 1h	2h 2h	Win Sum Sum Sum Sum	During the semester Written During the semester Oral Written Written During the	6 5 6 6 6 6
E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza	SV I comp IN S: neuro NX I photo SC d music SC on IN SC tion SC	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua Pg Guerraoui Vuillon	2h 2h	<u> </u>	2h 2h 1h 2h 1h		Win Sum Sum Sum Sum Win	During the semester Written During the semester Oral Written Written	6 5 6 6 6 6
E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering	SV I comp IN S: neuro NX I photo SC d music SC on IN Mputin SC SC SS SS SS SS SS SS SS SS SS SS SS	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua g Guerraoui Vuillon	2h 2h 2h 1h 2h		2h 2h 1h 2h 1h		Win Sum Sum Sum Win Sum	During the semester Written During the semester Oral Written Written During the semester	6 5 6 6 6 6 6
E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized	SV I comp IN S: neuro NX I photo SC d music SC on IN SC tion SC	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua g Guerraoui Vuillon s Borsò-Tan	2h 2h	 	2h 2h 1h 2h 1h		Win Sum Sum Sum Sum Win	During the semester Written During the semester Oral Written Written During the	6 5 6 6 6 6
E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438	SV I compl IN S: neuro NX I photo SC d music SC on IN Momputin SC system IN	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua g Guerraoui Vuillon	2h 2h 2h 1h 2h		2h 2h 1h 2h 1h		Win Sum Sum Sum Win Sum	During the semester Written During the semester Oral Written Written During the semester	6 5 6 6 6 6 6
E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438 Deep learning	SV I comp IN S: neuro NX I photo SC d music SC on IN SC SC System IN	Zufferey lexity Göös onal Gerstner graphy Süsstrunk C Fua g Guerraoui Vuillon Is Borsò-Tan Ford	2h 2h 2h 1h 2h		2h 2h 1h 2h 1h 2h 1h 2h		Win Sum Sum Sum Win Sum Win	During the semester Written During the semester Oral Written During the semester Written	6 5 6 6 6 6 8
E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438	SV I compl IN S: neuro NX I photo SC d music SC on IN Momputin SC system IN	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua g Guerraoui Vuillon s Borsò-Tan	2h 2h 2h 1h 2h		2h 2h 1h 2h 1h		Win Sum Sum Sum Win Sum	During the semester Written During the semester Oral Written Written During the semester	6 5 6 6 6 6 8
E E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438 Deep learning	SV I comp IN S: neuro NX I photo SC d music SC d music SC d music SC system IN EL	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua 9 Guerraoui Vuillon Is Borsò-Tan Ford Cavallaro	2h 2h 2h 1h 2h		2h 2h 1h 2h 1h 2h 2h 2h	2h	Win Sum Sum Sum Win Sum Win	During the semester Written During the semester Oral Written Written During the semester Written During the semester Written During the semester	6 5 6 6 6 6 8
E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438 Deep learning EE-559	SV I comp IN S: neuro NX I photo SC d music SC d music SC d music SC system IN EL	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua 9 Guerraoui Vuillon Is Borsò-Tan Ford Cavallaro	2h 2h 2h 1h 2h		2h 2h 1h 2h 1h 2h 1h 2h		Win Sum Sum Sum Win Sum Win	During the semester Written During the semester Oral Written Written During the semester Written During the semester During the	6 5 6 6 6 6 6 8 8 4
E E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438 Deep learning EE-559 Deep learning CS-502	SV I comp IN S: neuro NX I photo SC on IN SC d music SC on IN SC system IN EL IN IN	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua 9 Guerraoui Vuillon ts Borsò-Tan Ford Cavallaro nedicine	2h 2h 2h 1h 2h		2h 2h 1h 2h 1h 2h 2h 2h	2h	Win Sum Sum Sum Win Sum Win Sum	During the semester Written During the semester Oral Written Written During the semester Written During the	6 5 6 6 6 6 6 8 8 4
E E E E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438 Deep learning EE-559 Deep learning CS-502 Deep reinforce	SV I comp IN S: neuro NX I photo SC on IN SC d music SC on IN SC system IN EL IN IN	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua 9 Guerraoui Vuillon ts Borsò-Tan Ford Cavallaro nedicine	2h 2h 2h 1h 2h		2h 2h 1h 2h 1h 2h 2h 2h 2h 2h 2h 1h	2h	Win Sum Sum Sum Win Sum Win Sum Sum	During the semester Written During the semester Oral Written Written During the semester During the semester During the	6 5 6 6 6 6 6 8 8 4 6
E E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438 Deep learning EE-559 Deep learning CS-502	SV I compl IN S: neuro NX I photo SC d music SC d music SC d music SC system IN EL in bion IN EL in bion	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua g Guerraoui Vuillon ts Borsò-Tan Ford Cavallaro nedicine earning	2h 2h 2h 1h 2h		2h 2h 1h 2h 1h 2h 2h 2h	2h	Win Sum Sum Sum Win Sum Win Sum	During the semester Written During the semester Oral Written Written During the semester Written During the semester During the	6 5 6 6 6 6 6 8 8 4
	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computers an COM-418 Computer visi CS-413 Computer visi CS-442 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438 Deep learning EE-559 Deep learning CS-502 Deep reinforce CS-456 Design techno integrated sys	SV I comp IN I comp IN S: neuro NX I photo SC d music SC d music SC on IN SC system IN EL In bion IN EL in bion IN IN	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua g Guerraoui Vuillon IS Borsò-Tan Ford Cavallaro nedicine earning for	2h 2h 2h 1h 2h 2h 2h	2h	2h 2h 1h 2h 1h 2h 2h 2h 2h 2h 2h 1h	2h	Win Sum Sum Sum Win Sum Win Sum Sum	During the semester Written During the semester Oral Written During the semester Written During the semester During the semester Written	6 5 6 6 6 6 6 8 4 6 6 6
E E E E E E E E E	BIO-105 Computationa CS-524 Computationa neurosciences dynamics NX-465 Computationa CS-413 Computers an COM-418 Computer visi CS-412 Concurrent cc CS-453 Data visualiza COM-480 Decentralized engineering CS-438 Deep learning EE-559 Deep learning CS-502 Deep reinforce CS-456 Design technol	SV I comp IN S: neuro NX I photo SC d music SC d music SC d music SC system IN EL In bion IN EL in bion IN	Zufferey lexity Göös onal Gerstner graphy Süsstrunk c Fua g Guerraoui Vuillon ts Borsò-Tan Ford Cavallaro nedicine earning	2h 2h 2h 1h 2h	2h	2h 2h 1h 2h 1h 2h 2h 2h 2h 2h 2h 1h	2h	Win Sum Sum Sum Win Sum Win Sum Sum	During the semester Written During the semester Oral Written Written During the semester During the semester During the	6 5 6 6 6 6 6 8 4 6 6 6

Е	Digital education CS-411	on IN	Dillenbourg			2h		2h	Sum	Written	6
-			Jermann						Cum		C C
	Distributed info	ormatio	n								
F	systems CS-423	SC	Aberer	2h 1h	1h				Win	Written	6
E	Distributed inte			211 111	111				VVIII	winten	0
	systems	ingent									
Ε		SIE	Martinoli	2h 2h	1h				Win	Oral	5
	Dynamical syst	em the	ory for								
r	engineers	<u> </u>	Thiran			26 46			Cum	11/ritton	6
E	COM-502 Embedded syst	SC tom do	Thiran			3h 1h			Sum	Written	6
Е	•	IN	Kluter			2h	2h		Sum	During the semester	6
E	Ethics and law DH-415	<b>of Al</b> DH	Rochel	2h	2h				Win	During the	4
										semester	
_	Experience des								14.0	<b>D</b> <i>i u</i>	
E		IN 		2h	4h				Win	During the semester	6
Е	Formal verifica	tion IN	Kuncak	2h 2h	2h				Win	During the	6
L	CS-550	// N	NUIICAN	2h 2h	211				v v i i i	During the semester	0
	Foundations of	proba	bilistic								
	proofs	•									
Е	CS-459	IN	Chiesa	4h 1h					Win	During the	6
	Geometric com	nutine								semester	
Е		puting IN	Pauly	3h 1h 1h					Win	Written	6
	Gödel and recu			<b>v</b>							-
Ε	MATH-483	MA	Duparc	2h 2h					Win	Written	5
_	Image processi	•	11	0.					14/6	14/	2
Е	MICRO-511	MT	Unser Van Do	3h					Win	Written	3
			Van De Ville								
	Image processi	na II	v nic								
Е		MT	Sage			3h			Sum	Written	3
			Unser								
			Van De								
	In durate's Laws		Ville								
Е	Industrial autor CS-487	nation SC	Sommer			2h 1h			Sum	Oral	3
-	00-01		Tournier			<u>~</u> 11 11			Gam	Ulai	0
	Intelligent agen	its									
Е	• •	IN	Faltings	3h 3h					Win	During the	6
	later (1 1									semester	
F	Interaction des		Du			2h 44		16	Sum	During the	6
Е	CS-486	IN	Pu			2h 1h	I	1h	Sum	During the semester	0
	Interactive theo	orem pr	oving							00/1100101	
Е		IN	Barrière			2h 1h	2h		Sum	During the	6
			Pit-Claudel							semester	
~	Introduction to		-			CL-			C	0.00	6
E	CS-491 Introduction to	IN natura	Regev			6h			Sum	Oral	6
	language proce										
Е		IN IN	Bosselut	2h 2h					Win	Written	6
	-		Chappelier								
	-	-	Rajman								
~	Learning in neu					<u>.</u>	41		0	0	- -
E	CS-479 Learning theory	IN	Gerstner			2h 1h	1n		Sum	Oral	6
Е		y IN	Macris			2h 2h	1		Sum	Written	6
	Machine learnii					-11 -			Gain		-
	behavioral data										
Ε		IN _	Käser			2h		2h	Sum	Written	6
	Markov chains										
F	algorithmic app COM-516	olicatio SC	ns	2h 1h 1h					Win	Written	6
E	Modern natural		ade	2h 1h 1h					VVIII	vviilleli	0
	processing	angua	-90								
Е		IN	Bosselut			3h 1h	1	2h	Sum	During the	8
_										semester	

	EE-452	EL	rning Frossard			2h	2h	Sum	During the	4
	-		Thanou			211	211	Sum	semester	4
	Networks out COM-512	of cont	rol			2h 1h		Sum	Written	6
	Number theor					211 111		Sulli	vviillen	U
	Cryptography									
Ē	MATH-489	MA	Jetchev			2h 2h		Sum	Written	5
-	Optimization					211 211		Sum	Willen	5
	learning		lille							
=	CS-439	IN	Flammarion			2h 2h 1h		Sum	Written	8
Ξ	Optional rese					2h 2h 1h		Sum	willen	0
Ξ	communicatio COM-507	SC	Profs		21	h	26	Sum	During the	0
-	00101-307	30	divers		21	1	211	Win	semester	0
	Principles of	comput						VVIII	Serriester	
	systems	comput								
Ξ	CS-522	IN	Arouroki	4h				Win	During the	Q
-	00-022	11 N	Argyraki Candea	-+11				v v II I	During the semester	0
	Project man-	aome=*							Seillestel	
	Project manag	gement	anu nsk							
=	<b>analysis</b> MGT-427	MTE	Wieser	2h	1h			Win	During the	1
	11/10/1-42/	IVI I E	VVICSEI	211	111			vv II I	During the semester	4
	Software ere								Seillesiel	
=	Software secu CS-412	IN	Power			26 26 46		Sum	M/ritton	ø
Ξ	Statistical me		Payer			3h 2h 1h		Sum	Written	8
			anu							
_						2h 2h		Sum	Oral	5
Ξ	MATH-486	MA				2h 2h		Sum	Oral	5
	Statistical phy	ysics of								
_	computation	<b></b>	Est					147	147-111	
Ξ	PHYS-512	PH	Erba	2h 2h				Win	Written	4
_	Statistics for					4. 0		~	147.50	~
Ξ	MATH-413	MA	Chandak			4h 2h		Sum	Written	8
	<u> </u>		Limnios							
	Student semi		•							
_	protocols and							•	<b>.</b>	
Ξ	COM-506	SC	Vaudenay			2h		Sum	During the	3
	<u></u>								semester	
	Sublinear alg		tor big							
						•		~		
_	data analysis									6
Ē	data analysis CS-448	IN	Kapralov			2h 1h		Sum	During the	Ũ
Ξ	CS-448	IN				2h 1h		Sum	During the semester	Ũ
Ē	CS-448 System progr	IN amming				2h 1h		Sum	-	-
	CS-448 System progr Systems-on-c	/// amming hip	y for			2h 1h			semester	
	CS-448 System progr	IN amming		2h 2h		2h 1h		Sum Win	semester During the	
	CS-448 System progr Systems-on-c CS-473	IN amming hip IN	y for	2h 2h		2h 1h			semester	
	CS-448 System progr Systems-on-c CS-473 Systems for c	IN amming thip IN lata	<b>j for</b> Kluter	2h 2h		2h 1h			semester During the	
	CS-448 System progr Systems-on-c CS-473 Systems for c management	IN amming thip IN lata	<b>j for</b> Kluter	2h 2h		2h 1h			semester During the	
Ē	CS-448 System progr Systems-on-c CS-473 Systems for c management science	IN amming thip IN lata and dat	g for Kluter a	2h 2h				Win	semester During the semester	6
=	CS-448 System progr Systems-on-c CS-473 Systems for c management	IN amming thip IN lata	<b>g for</b> Kluter <b>a</b> Ailamaki	2h 2h		2h 1h 2h 2h 2h 2h			semester During the	
Ē	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460	IN amming thip IN lata and dat	g for Kluter a Ailamaki Kermarrec	2h 2h				Win	semester During the semester	6
E	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460 Topics in soft	IN amming thip IN lata and dat IN	g for Kluter a Ailamaki Kermarrec ecurity					Win Sum	semester During the semester Written	6 8
-	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460	IN amming thip IN lata and dat	g for Kluter a Ailamaki Kermarrec	2h 2h 1h 1h				Win	semester During the semester Written During the	6 8
-	CS-448 System progr Systems-on-C CS-473 Systems for c management science CS-460 Topics in soft CS-510	IN amming thip IN lata and dat IN tware se IN	g for Kluter a Ailamaki Kermarrec ecurity					Win Sum	semester During the semester Written	6 8
-	CS-448 System progr Systems-on-C CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in theo	IN amming thip IN lata and dat IN ware se IN oretical	g for Kluter a Ailamaki Kermarrec ecurity					Win Sum	semester During the semester Written During the	6 8
=	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in theo computer scie	IN amming thip IN lata and dat IN ware se IN oretical	g for Kluter a Ailamaki Kermarrec ecurity	1h 1h				Win Sum Win	semester During the semester Written During the	6 8
=	CS-448 System progr Systems-on-C CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in theo	IN amming thip IN lata and dat IN ware se IN oretical	g for Kluter a Ailamaki Kermarrec ecurity					Win Sum	semester During the semester Written During the	6 8 3
=	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in theo computer scie	IN amming thip IN lata and dat IN ware se IN oretical ence	g for Kluter a Ailamaki Kermarrec ecurity	1h 1h				Win Sum Win	semester During the semester Written During the semester	6 8 3
=	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in theo computer scie	IN amming thip IN lata and dat IN ware se IN pretical ence IN	g for Kluter a Ailamaki Kermarrec ecurity	1h 1h				Win Sum Win	semester During the semester Written During the semester During the	6 8 3
=	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in theo computer scie CS-455	IN amming thip IN lata and dat IN ware se IN pretical ence IN	g for Kluter a Ailamaki Kermarrec ecurity	1h 1h				Win Sum Win	semester During the semester Written During the semester During the	6 8 3 6
= = =	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in theo computer scie CS-455 Virtual reality	IN amming thip IN lata and dat IN ware se IN pretical ence IN	a Kluter a Ailamaki Kermarrec curity Payer	1h 1h		2h 2h 2h	1h	Win Sum Win Win	semester During the semester Written During the semester During the semester	6 8 3 6
=	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in theo computer scie CS-455 Virtual reality	IN amming thip IN lata and dat IN ware se IN oretical ence IN	a Kluter a Ailamaki Kermarrec curity Payer	1h 1h		2h 2h 2h	 1h	Win Sum Win Win	semester During the semester Written During the semester During the semester During the semester During the	6 8 3 6
Ē	CS-448 System progr Systems-on-C CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in thee computer scie CS-455 Virtual reality CS-444 Visual intellig	IN amming thip IN lata and dat IN ware se IN oretical ence IN IN ence :	g for Kluter a Ailamaki Kermarrec curity Payer Boulic	1h 1h		2h 2h 2h		Win Sum Win Win	semester During the semester Written During the semester During the semester During the semester During the	6 8 3 6
Ē Ē	CS-448 System progr Systems-on-c CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in the computer scie CS-455 Virtual reality CS-444 Visual intellig machines and	IN amming thip IN lata and dat IN ware se IN oretical ence IN IN ence :	g for Kluter a Ailamaki Kermarrec curity Payer Boulic	1h 1h		2h 2h 2h 2h		Win Sum Win Win Sum	semester During the semester Written During the semester During the semester During the semester During the semester	6 8 3 6 6
=	CS-448 System progr Systems-on-C CS-473 Systems for c management science CS-460 Topics in soft CS-510 Topics in thee computer scie CS-455 Virtual reality CS-444 Visual intellig	IN amming thip IN lata and dat IN ware se IN oretical ence IN IN ence : t minds	g for Kluter a Ailamaki Kermarrec curity Payer Boulic	1h 1h		2h 2h 2h	1h	Win Sum Win Win	semester During the semester Written During the semester During the semester During the semester During the	6 8 3 6 6

	Courses		Master	1	Master 2			MF	MP Autumn			MP Spring				Exam Session	Exam	Credit
Lang.	Code	Sect.	TeacherSpeciali£atiEn L	ТРІ	CE	E L 7	- P I	С	ΕL	ΤI	ΡĮ	CE	ΞL	Τ	ΡI			
	Engineering in credited with M (master in Con Systems)	Master p	project															
Е	COM-597	SC	Profs divers	32	0h		3	20h			32	:0h			3	20 <b>5</b> ium Win	During the semester	0
	Master project Communicatio		ems															
E	COM-599	SC	Profs divers								90	0h			9	00 <b>\$</b> um Win	Oral	30