Studies Plan

Mineur : Biotechnologie 2025-26

Minor : Biotechnology

	Courses			Exam Session	Exam	Credit				
Lang.	Code	Sect.	Teacher							
	Biochemical e	ngineer	ing							
Ε	ChE-311	CGC	Crelier	Sum	Written	3				
	Dialmana infa		Zinn							
_	Bioimage info		0	0	146-20	,				
Ε	BIO-410	SV	Sage	Sum	Written	4				
	D'		Seitz							
	Bioprocesses and									
_	downstream p			•	147 ***					
E	ChE-437	CGC	Crelier	Sum	Written	4				
			Eyer							
			Zinn							
	Bioreactor modeling and									
_	simulation			_						
Ε	ChE-320	CGC	Hatzimanikatis	Sum	During the	3				
					semester					
_	Biotechnology			_						
E	ChE-433	CGC	Pick	Sum	During the	4				
					semester					
	Chemistry of f									
E	ENG-435		Blank	Sum	Written	2				
	Experimental I	oiochen	nistry							
	and biophysic	s								
E	CH-319	CGC	Hovius	Sum	During the	4				
					semester					
	Fate and beha	viour of								
	environmental	contan	ninants							
E	ENV-507	SIE	Aeppli	Sum	Written	4				
	Fluid mechani	cs and								
	transport pher	nomena								
E	ChE-330	CGC	Sivula	Win	During the	4				
					semester					
	Food biotechn	ology								
E	ENG-436	CGC	Sybesma	Sum	Written	2				
	Food chemistr	ν								
F	ENG-433	CGC	Richard	Win	Written	2				
	Immunoengine	erina								
E	BIOENG-399	SV	Tang	Sum	Written	4				
	Introduction to	chemi								
	engineering									
E	ChE-201	CGC	Hatzimanikatis	Win	Written	3				
	Introduction to	chemi								
	engineering La									
	Works		•							
F	ChE-203	CGC	Buonsanti	Sum	During the	2				
					semester					
	Introduction to	transp	ort							
	phenomena		-							
E	ChE-204	CGC	Buonsanti	Sum	During the	3				
_	0.12 20 1	000	Baoricanii	Jum	semester	Ü				
	Microbiology f	or engi	neers							
Ε	ENV-202	SIE	Bernier-Latman	niSum	Written	5				
	Nanobiotechn		Donnor Laurian		· · · · · · · · · · · · · · · · · · ·					
Ε	CH-413	CGC	Steinauer	Sum	During the	3				
_	011-710	550	Cicinadei	Juin	semester	5				
	New tools & re	search			3011103101					
	strategies in p		ized							
	health	Cigoriai	1200							
Ε	BIO-491	SV	Fellay	Sum	During the	1				
_	DIO-431	σv	•	Juiii		7				
	Novt generation	n bier-	Friedli		semester					
_	Next-generation BIOENG-458			Sum	M/ritton	1				
Ε	DIUENG-438	SV	Persat	Sum	Written	4				
			Tang							

	Nutrition: from molecules to										
	health										
E	BIO-441	SV	Descombes Hager Rezzi	Win	During the semester	4					
	Opération uni										
	technologie des procédés										
F	CH-334	CGC	Meyer	Sum	Oral	3					
	Pharmaceutic										
	biotechnology										
E	ChE-436	CGC	Pick	Win	Written	3					
	Pharmacology	/ and									
	pharmacokinetics										
E	BIO-478	SV	Firsov Kellenberger	Sum	Written	2					
	Principles and	applica	ations of								
	systems biology										
Ε	ChE-411	CGC	Hatzimanikatis	Win	During the semester	3					
	Process deve	Process development									
E	ChE-459	CGC	Gouveia Braz Maréchal Ribeiro Domingos	Sum	Oral	8					
	Project in biot	echnolo	ogy								
E	Ch É -460	CGC	Profs	Sum	During the	10					
			divers	Win	semester						
	Risk manager	nent									
E	ENG-430	CGC	Meyer	Sum	During the semester	2					
Selected topics in life											
	sciences										
E	BIOENG-430	SV	Mahul Mellier	Win	During the semester	3					
	Synthetic biol				23///00/0/						