## **Studies Plan**

## Mineur : Ingénierie des Sciences du vivant 2024-25

Minor : Life Sciences Engineering

	Courses			Exam Session	Exam	Credi		
Lang.	Code Biomechanics	Sect.	Teacher					
	musculoskele		am					
E	ME-482	GM	em Pioletti	Sum	During the	5		
_	WIL-402	Civi	i ioietti	Sum	semester	5		
	Biomicroscop	y I						
E	MICRO-561	SV	Altug	Win	Written	4		
	Cancer biolog	y I	_					
E	BIO-471	SV	Lingner	Win	During the	5		
			Oricchio		semester			
	Cellular biolog	y and						
_	biochemistry for engineers							
E	BIO-105	SV	Zufferey	Win	Written	4		
_	Computationa			Min	During the	1		
E	BIOENG-455	SV	Shillcock	Win	During the semester	4		
	Deep learning	in hion	nedicine		3511163161			
E	CS-502	IN DIOII	icaiciii <del>c</del>	Sum	During the	6		
_	30 302			Carri	semester	•		
	Digital epidem	ioloav			55.7755107			
E	BIO-512	SV	Salathé	Sum	During the	4		
		-	<del>-</del>		semester			
	Genomics and bioinformatics							
E	BIO-463	SV	Bitbol	Sum	During the	4		
			Luisier		semester			
			Rougemont					
	Image process							
E	MICRO-511	ΜT	Unser	Win	Written	3		
			Van De					
			Ville					
	Immunology -							
_	therapeutic im	•	ons	Win	M/ritton	E		
E	BIO-479 Infection biolo	SV		VVIII	Written	5		
E	BIO-477	SV		Sum	Written	5		
	Lab immersion			Guiii	vviittori			
E	BIO-501	SV	Profs	Sum	During the	8		
_	DIO 001	01	divers	Win	semester	Ü		
	Mechanobiolo	av: hov			3030101			
	mechanics reg							
Е	ME-480	GM	Persat	Win	During the	4		
			Sakar		semester			
	Molecular end	ocrinol	ogy:					
	health and env							
E	BIO-450	SV	Brisken	Win	During the	4		
		,			semester			
	Neuroscience							
	molecular med	cnanisn	is to					
_	disease	CI/	Cröff	Min	M/ritton	5		
E	BIO-480	SV	Gräff Mahul	Win	Written	5		
			Mahul Mellier					
			Schneider					
	New tools & research							
	strategies in personalized							
	health	J. J.J. 10	54					
E	BIO-491	SV	Friedli	Sum	During the	4		
			Trono		semester	•		
	Next-generation	n biom			3030101			
E	BIOENG-458	SV	Persat	Sum	Written	4		
			Tang			•		
	Randomness and information							
	in biological d							
E	BIO-369	SV	Bitbol	Sum	Written	4		

Ε	Single cell bio BIOENG-420		D'Angelo Deplancke	Sum	During the semester	4			
	Stem cells and organoids								
Ε	BIO-447	sv	Karthaus Radtke Suter	Win	Written	3			
	Structural biology								
Ε	BIO-315	ŠV	Dal Peraro	Sum	During the semester	4			
	Synthetic biology								
Ε	BIOENG-320	ŠV	Barth	Sum	Written	4			