

## Studies Plan

### Science et génie des matériaux 2023-24

#### Block 1

Courses			Bachelor 3	Bachelor 4	Bachelor 5	Bachelor 6	Exam Session	Exam	Credit
Language	Code	Section	Teacher	l e p	l e p	l e p	l e p		
E									
E									
E									
E									
F									
E									
E									
F									
E									

#### Block 2

Courses			Bachelor 3	Bachelor 4	Bachelor 5	Bachelor 6	Exam Session	Exam	Credit
Language	Code	Section	Teacher	l e p	l e p	l e p	l e p		
F									
F									
F									
F									
F									
E									

#### Block 3

Courses			Bachelor 3	Bachelor 4	Bachelor 5	Bachelor 6	Exam Session	Exam	Credit
Language	Code	Section	Teacher	l e p	l e p	l e p	l e p		
F									
E									
F									
E									

F	<b>Deformation of materials</b>									
	MSE-310	MX	Logé		3h	1h		Win	Oral	4
F	<b>Finite element theory</b>									
	MSE-369	MX	Drezet		2h			Win	During the semester	2
F	<b>Functional properties of materials</b>									
	MSE-210	MX	Fontcuberta i Morral		2h			Win	Written	2
E	<b>Introduction to atomic-scale modeling</b>									
	MSE-305	MX	Cerioti			2h		Sum	During the semester	2
	<b>Introduction to microscopy + Laboratory work</b>									
	MSE-352	MX	Cantoni Hessler-Wyser		3h	2h		Win	Oral	5
	<b>Materials project</b>									
	MSE-390	MX	Althaus Andrikopoulos Profs divers			1h	5h	Sum	During the semester	6
F	<b>Phase transformations</b>									
	MSE-302	MX	Cayron			2h	1h	Sum	Written	3
F	<b>Polymer composites + Laboratory Work</b>									
	MSE-340	MX	Bourban Michaud		2h	2h		Win	Oral	4
F	<b>Polymer science + TP</b>									
	MSE-360	MX	Görl Plummer		2h	1h	2h	Win	Written	5
F	<b>Practice of finite elements</b>									
	MSE-371	MX	Drezet			1h	1h	Sum	During the semester	2
E	<b>Surfaces and interfaces</b>									
	MSE-304	MX	Stellacci		2h	1h		Win	Oral	3
E	<b>Sustainability and materials</b>									
	MSE-341	MX	Abitbol			2h	1h	Sum	During the semester	3

#### Transverse block HSS

	Courses	Exam Session	Exam	Credit
Language	Code	Section	Teacher	
F	<b>SHS : Bachelor cycle BA6</b>			
		SHS		2
F	<b>HSS : Bachelor cycle BA5</b>			
		SHS		2
F	<b>HSS : Bachelor cycle BA4</b>			
		SHS		2
F	<b>HSS : Bachelor cycle BA3</b>			
		SHS		2