Parcours

List of courses

	Nature	CM	TD	TP	Crédits
Bio-engineering (BIO)	MODULE				
The bricks of life	MODULE	50h		8h	5 credits
Imaging and Wave Therapies	MODULE	36h		10h	4 credits
Biotechnologies and Chemical Therapies	MODULE	42h		12h	4 credits
BIO Planet	MODULE	15h			4 credits
Bio-Informatics and Image Processing	UE	36h		16h	4 credits
Alternance Intégrative IS	UE		24h		1 credits

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Dynamique - Mutations - Crises (DMC)	MODULE				
Alternance Intégrative IS	UE		24h		1 credits
Beyond the model	MODULE	15h	5h	10h	3 credits
Dynamic instabilities and chaotic transport	MODULE	10h	6h	22h	3 credits
Mathematical and statistical modeling of complex systems	MODULE	25h	18h	21h	5 credits
Modeling and Learning for System Diagnosis	UE	14h	8h	16h	3 credits
Economic modeling: growth and sustainable development	MODULE	36h	4h		3 credits
Crisis management: physical and chemical applications	MODULE	22h	14h	8h	4 credits

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Environnement : management et technologies (ENV)	MODULE				
Alternance Intégrative IS	UE		24h		1 credits
Sustainable chemistry	MODULE	28h	6h	8h	4 credits
Circular economy	UE	19h	10h	10h	4 credits
Effluents and pollution	MODULE	26h	16h	4h	4 credits
Environmental management	MODULE	29h	6h		3 credits
Environmental Quality Monitoring	MODULE	26h	6h	8h	4 credits
Project	MODULE				2 credits

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Energie durable (ENE)	MODULE				
Alternance Intégrative IS	UE		24h		1 credits
Other energies for tomorrow? The examples of biomass and hydrogen	MODULE	18h	12h		2 credits
Solar energy	UE	36h	2h		3 credits
Marine, wind and hydraulic energy	UE	38h			3 credits
Nuclear energy	UE	24h	28h	4h	4 credits
Introduction to energy issues and transversal and societal aspects	UE	30h	4h		3 credits
Cross-cutting energy concepts: transport, conversion, storage and electrical energy	MODULE	20h			2 credits
Projects	MODULE				3 credits
TP	UE			16h	2 credits

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Sciences de l'information et société numérique (SIS)	MODULE				

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