

Parcours

List of courses

	Nature	CM	TD	TP	Crédits
Bio-engineering (BIO)	Module				
The bricks of life	Module	70h		4h	6
Imaging and Wave Therapies	Module	53h		17h	5
Biotechnologies and Chemical Therapies	Module	58h		10h	5
BIO Planet	Module	28h			5
	Nature	CM	TD	TP	Crédits
Dynamique - Mutations - Crises (DMC)	Module				
Mathematical and statistical modeling of complex systems	Module	25h	18h	21h	5
Crisis management: physical and chemical applications	Module	23h	18h	3h	4
Optimization and application to control	Module	14h	10h	14h	3
Dynamic instabilities and chaotic transport	Module	10h	6h	22h	3
Economic modeling: growth and sustainable development	Module	36h	4h		3
Beyond the model	Module	15h	5h	10h	3
	Nature	CM	TD	TP	Crédits
Environnement : management et technologies (ENV)	Module				
Environmental management	Module	32h	6h		3
Circular economy	Module	25h	12h	12h	4
Sustainable chemistry	Module	28h	6h	8h	4
Effluents and pollution	Module	26h	14h	4h	4
Environmental Quality Monitoring	Module	36h	8h	16h	4
Project	Module				2
	Nature	CM	TD	TP	Crédits
Energie durable (ENE)	Module				
Introduction to energy issues and transversal and societal aspects	Module	34h			3
Solar energy	Module	64h	8h		3
Marine, wind and hydraulic energy	Module	50h			4
Nuclear energy	Module	30h	10h	20h	4
Other energies for tomorrow? The examples of biomass and hydrogen	Module	18h	12h		2
Cross-cutting energy concepts: transport, conversion, storage and electrical energy	Module	20h			2
Projects	Module				3
	Nature	CM	TD	TP	Crédits
Sciences de l'information et société numérique (SIS)	Module				
Digital Society: Issues and Regulation	Module	10h	9h	23h	3
Strategic Digital Issues	Module	40h	2h		4
Telecommunications, Learning and Information Technology	Module	40h	4h	6h	4
Statistical Analysis of Information	Module	36h	8h	16h	4
Coding and Retrieval of Information	Module	24h		16h	4
Project	Module				2

