Semester 1:

Teaching Units	HVS	HV per week				Coeff	Credits	Evaluation Mode	
	14-16 sem	C	TD	TP	others			Continu	Exam
UE fondamentales							18		
UEF1(O/P)									
Advanced Quantum Mechanics		3h00	1h30			3	6	33%	67%
Statistical Physics		3h00	1h30			3	6	33%	67%
Atomic and Molecular Physics		3h00	1h30			3	6	33%	67%
UE méthodologie							9		
UEM1(O/P)*									
Numerical Techniques and Programming		1h30		1h30		2	3	50%	50%
Characterization methods									
UEM2(O/P)									
Physical properties of materials		3h				2	4	50%	50%
Practical work (TP) in materials physics				1h30		1	2	50%	50%
UE découverte							2		
UED1(O/P)*									
Materials and Renewable Energies		1h30	1h30			2	2		100%
Optoelectronics									
UE transversales							1		
UET1(O/P)									
Scientific English I		1h30				1	1		100%
Total Semester 1							**30**		

***UEM1 et UED1 : a subject of your choice among the 2.**

Semester 2 :

Teaching Units	HVS	HV per week				Coeff	Credits	Evaluation Mode	
	14-16 sem	C	TD	TP	others			Continu	Exam
UE fondamental							18		
UEF1(O/P)									
Dielectric Media		3h	1h30			3	6	33%	67%
Semiconductors II		3h	1h30			3	6	33%	67%
Radiation-Matter Interaction		3h	1h30			3	6	33%	67%
UE methodology							9		
UEM1(O/P)									
Spectroscopic Methods		1h30				1	2	50%	50%
Mathematics for Physics		3h				2	4	50%	50%
UEM2(O/P)									
Thin films		3h00				2	3	50%	50%
UE discovery							2		
UED1(O/P)*									
Ionizing radiation and radioprotection		1h30	1h30			2	2		100%
Subatomic physics									
UE transversal							1		
UET1(O/P)									
Epistemology and Didactics		1h30				1	1		100%
Total Semester 2							**30**		

***** UED1 : a subject of your choice among the 2.**

Semester 3 :

Teaching Units	HVS	HV per week				Coeff	Credits	Evaluation Mode	
	14-16 sem	C	TD	TP	Autres			Continu	Exam
UE fondamental							18		
UEF1(O/P)									
N-body problem		3h	1h30			3	6	33%	67%
Magnetism of matter		3h	1h30			3	6	33%	67%
uantum optics and lasers		3h	1h30			3	6	33%	67%
UE methodolog							9		
UEM1(O/P)									
Atomic Structure Calculation		3h00				2	4	50%	50%
Optical Properties of Materials		3h00				2	4	50%	50%
UEM2(O/P)*									
Numerical simulation of material properties				1h30		1	1	50%	50%
Signal acquisition and processing									
UE découverte							2		
UED1(O/P)*									
Nanomaterials		1h30	1h30			2	2		100%
Superconducting materials									
UE transversales							1		
UET1(O/P)									
Business Management		1h30				1	1		100%
Total Semestrer 3							**30**		

***UEM2 et UED1 : a subject of your choice among the 2.**