

II – Half-yearly teaching organization sheet
(Please present the forms for the 4 semesters)

1- Semester 1 :

Teaching unit	SHV	Weekly Hourly Volume			Others	Coeff	Crédits	Evaluation method	
	14-16 Weeks	Lectures	TS	PW				Continuous	Exam
Fundamental TU						9	18		
FTU1(O/P)	112H30	3H00	3H00	1H30	137H30	5	10		
Physics of Semiconductors 1	67H30	1H30	1H30	1H30	82H30	3	6	33%	67%
Advanced solid state physics	45H00	1H30	1H30		55H00	2	4	33%	67%
FTU2(O/P)	90H00	3H00	3H00		110H00	4	8		
Advanced Statistical Physics	45H00	1H30	1H30		55H00	2	4	33%	67%
Interaction Radiation Matter	45H00	1H30	1H30		55H00	2	4	33%	67%
Methodology TU						5	9		
MTU1(O/P)	105H30	3H00	1H30	2H30	120H00	5	9		
Mathematical Methods and Algorithms for Physics	60H00	1H30		2H30	65H00	3	5	33%	67%
Point, Linear and Diffusion Faults	45H00	1H30	1H30		55H00	2	4	33%	67%
Discovery TU						2	2		
DTU1(O/P)	45H00	1H30	1H30		5H00	2	2		
Tensor Calculations for Crystals	45H00	1H30	1H30		5H00	2	2	33%	67%
Transversal TU						1	1		
TTU1(O/P)	45H00	1H30			2H30	1	1		
Technical English	22H30	1H30			2H30	1	1		100%
Total Semester 1						17	30		

2- Semester 2 :

Teaching unit	SHV	Weekly Hourly Volume			Others	Coeff	Crédits	Evaluation method	
	14-16 Weeks	Lectures	TS	PW				Continuous	Exam
Fundamental TU						9	18		
FTU1(O/P)	112H30	4H30	3H00		137H30	5	10		
Physics of Semiconductors2	67H30	3H00	1H30		82H30	3	6	33%	67%
Photonic Components	45H00	1H30	1H30		55H00	2	4	33%	67%
FTO2(O/P)	90H00	4H30			110H00	4	8		
Photovoltaic Conversion	45H00	3H00			55H00	2	4	33%	67%
Technology of Semiconductors	45H00	3H00			55H00	2	4	33%	67%
Etc.									
UE methodology TU						5	9		
MTU1(O/P)	105H00	3H00		4H00	120H00	5	9		
Characterization of semiconductors	60H00	1H30		2H30	65H00	3	5	33%	67%
Informatic Programming	45H00	1H30		1H30	55H00	2	4	33%	67%
Discovery TU						2	2		
DTU1(O/P)	45H30	3H00			5H00	2	2		
Renewable Energies	45H30	3H00			5H00	2	2	33%	67%
Transversal TU						1	1		
TTU1(O/P)	22H30	1H30			2H30	1	1		
Thin films	22H30	1H30			2H30	1	1		100%
Total Semester 2						17	30		

3- Semester 3 :

Teaching unit	SHV	Weekly Hourly Volume			Ohers	Coeff	Crédits	d'évaluation Method	
	14-16 weeks	Lectures	TS	PW				Continuous	Exam
Fundamental TU						9	18		
FTU1(O/P)	112H30	4H30	1H30	1H30	137H30	5	10		
Numerical modeling of semiconductor devices	67H30	3H00		1H30	82H30	3	6	33%	67%
Solar cells 1	45H00	1H30	1H30		55H00	2	4	33%	67%
FTU2(O/P)	90H00	6H00			110H00	4	8		
Solar cells 2	45H00	3H00			55H00	2	4	33%	67%
Physics and technology of glasses	45H00	3H00			55H00	2	4	33%	67%
Méthodology TU						5	9		
MTU1(O/P)	105H00	3H00		4H00	120H00	5	9		
Solar Cells Simulation Software	60H00	1H30		2H30	65H00	3	5	33%	67%
Research methodology and ethics	45H00	1H30		1H30	55H00	2	4	33%	67%
Discovery TU						2	2		
DTU1(O/P)	45H00	3H			5H00	2	2		
Lasers and optical fibers	45H00	3H00			5H00	2	2	33%	67%
UE transversal TU						1	1		
TTU1(O/P)	22H30	1H30			2H30	1	1		
Didactics of science	22H30	1H30			2H30	1	1		100%
Total Semester 3						17	30		

4- Semester 4 :

Domain: Material Sciences

Branch: Physics

Spéciality: Energy Physics and Renewable Energies

Internship in a company sanctioned by a thesis and a defense.

	SHV	Coeff	Credits
Personal Work (MTU)	105H00	5	9
Company internship (TTU)	22H30	1	1
Seminars (DTU)	45H00	2	2
Other (specify) (FTU) Dissertation of research	202H30	9	18
Total Semester4	375H00	17	30

5- Overall summary of the training: (indicate the separate global HV in progress, TS, for the 04 semesters of teaching, for the different types of TU)

HV \ TU	FTU	MTU	DTU	TTU	Total
Lectures	405H00	135H00	112H30	67H30	720H00
TS	157H30	22H30	22H30	00H00	202H30
PW	45H00	157H30	00H00	00H00	202H30
Personalwork	742H30	360H00	15H00	7H50	1125H00
Other (project)	202H30	105H00	45H00	22H30	375H00
Total	1552H30	780H00	195H00	97H30	2625H00
Credits	72	36	8	4	120
% in credits for each TU	60	30	6.67	3.33	100