

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	Credits	Evaluationmethod	
	14-16 weeks	Lectures	TS	PW				Continuous assessment %	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 StatisticalPhysics	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)	105H00	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		
TensorCalculations for Crystals	45H00	1H30	1H30		5H00	2	2	33%	67%
Transversal TU						1	1		
TTU1 (O/P)	22H30	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	Credits	Evaluationmethod	
	14-16 weeks	Lectures	TS	PW				Continuous assessment %	Exam %
FundamentalTU						9	18		
FTU1 (O/P)	112H30	3H00	1H30	3H00	137H30	5	10		
Physics of Semiconductors2	67H30	3H00	1H30		82H30	3	6	33%	67%
Practicalwork	45H00			3H00	55H00	2	4	33%	67%
FTU2 (O/P)	90H00	4H30		1H30	110H00	4	8		
MaterialCharacterizationMethods 1	45H00	1H30		1H30	55H00	2	4	33%	67%
Elaboration of Materials	45H00	3H00			55H00	2	4	33%	67%
methodologyTU						4	9		
MTU1 (O/P)	105H00	3H00	4H00		120H00	4	9		
Corrosion of Metals	60H00	1H30	2H30		65H00	3	5	33%	67%
PhotonicMaterials	45H00	1H30	1H30		55H00	2	4	33%	67%
DiscoveryTU						2	2		
DTU1 (O/P)	45H00	1H30	1H30		5H00	2	2		
Magnetism and Superconductivity	45H00	1H30	1H30		5H00	2	2	33%	67%
Transversal TU						1	1		
TTU1 (O/P)	22H30	1H30			2H30	1	1		
Science Didactics	22H30	1H30			2H30	1	1		100%
Total Semester 2						17	30		

3- Semester 3 :

Teaching unit	SHV	Weekly Hourly Volume			Others	Coeff	Credits	Evaluation Method	
	14-16 weeks	Lectures	TS	PW				Continuous assessment %	Exam %
FundamentalTU						9	18		
FTU1 (O/P)	112H30	6H00		1H30	137H30	5	10		
Material Characterization Methods 2	67H30	3H00		1H30	82H30	3	6	33%	67%
Mechanical Properties and Tests on Metals and Alloys	45H00	3H00			55H00	2	4	33%	67%
FTU2 (O/P)	90H00	6H00			110H00	4	8		
Modeling and Simulation of Devices with Different Materials	45H00	3H00			55H00	2	4	33%	67%
Super Networks	45H00	3H00			55H00	2	4	33%	67%
methodologyTU						5	9		
MTU1 (O/P)	105H00	3H00	1H30	2H30	120H00	5	9		
IT tools	60H00	1H30		2H30	65H00	3	5	33%	67%
Scientific Writing	45H00	1H30	1H30		55H00	2	4	33%	67%
DiscoveryTU						2	2		
DTU1 (O/P)	45H00	3H00			5H00	2	2		
Lasers and Optical Fibers	45H00	3H00			5H00	2	2	33%	67%
Transversal TU						1	1		
TTU1 (O/P)	22H30	1H30			2H30	1	1		
Psychopedagogy	22H30	1H30			2H30	1	1		100%
Total Semester3						17	30		

4- Semester 4:

Domain: Material Sciences

Branch: Physics

Specialty: Materials Physics

Internship in a company culminating in a dissertation and a defense.

	SHV	Coeff	Credits
PersonalWork (MTU)	105H00	5	9
Companyinternship (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)

TU HV	FTU	MTU	DTU	TTU	Total
Lectures	382H30	135H00	90H00	67H30	675H00
TS	112H30	105H00	45H00	00H00	262H30
PW	112H30	75H00	00H00	00H00	187H30
Personalwork	742H30	360H00	15H00	7H30	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