

Teaching unit - Designation of the courses	ECTS	Coeff.	Lect.	Tut.	PW
Semester 9	30				
Design and engineering of surfaces and coatings	7	10			
Surface treatments and processing	2	5	50	8	-
Adhesion and bonding	0,5	1	6	3	-
Additive manufacturing and machining	0,5	1	4	6	-
CATIA : Computer Aided Three-Dimensional Interactive Application	2	1,5	2	10	10
Finite elements	2	1,5	4	12	-
Seminars / Webinars / Industry visits	0	0	-	4	-
Advanced Materials	10	12			
Materials for nuclear industry	2	2	30	-	-
Materials for civil engineering and eco-building	1	1,5	18	-	-
Nanomaterials and microelectronics	1,5	1,5	12	12	-
Materials for healthcare industry	0,5	1	12	-	-
Recyclability and eco-design	1	1	12	-	-
Materials and energy	1,5	2	10	10	-
Materials for transport 1 : Materials for aircraft and space industries	1	1,5	12	-	-
Materials for transport 2 : Materials for naval industry	0,5	0,5	6	-	-
Materials for transport 3 : Materials for automotive industry	0,5	0,5	6	-	-
Materials for transport 4 : Materials for railway industry	0,5	0,5	6	-	-
TAI 2	10	10			
Industrial case study in collaboration with an industrial partner	10	10	-	4	-
Science engineering V	3	3			
English 5 : Interculturality	3	3	-	20	-
English TOEIC	0	0	-	20	-
Teaching unit - Designation of the courses	ECTS	Coeff.	Lect.	Tut.	PW
Semester 10	30				
Training	30	30			
Training in industry 5 th year	30	30		6 months	