

Course Name	ECTS	Time Volume
Semester 1 FAME	30	
UE Fundamentals of materials science 1	6	
Elaboration (Part 1)	4	40
Phase Transformations (Part 1)	2	20
UE Fundamentals of materials science 2	6	
Microstructures and Properties	2.5	24
Polymers	3.5	34
UE Fundamentals of materials science 3	6	
Cristallography	3	20
Semiconductor physics	3	20
UE Applied Materials 1	6	
Functional materials physics	2	24
Solid state chemistry	2	28
Introduction to functional polymers	2	12
Remote project	0	20
UE Modelling tools and Materials	6	
Numerical Methods	4.5	64
Materials Families	1.5	20

Course Name	ECTS	Time Volume
Semester 2 FAME	30	
UE Materials Characterization	6	
Materials Characterization	4	44
Practical Lab Work	2	36
UE Applied Materials 2	6	
Elaboration (Part 2)	3	30
Thin films, surfaces and interfaces	1.5	16
Phase Transformations (Part 2)	1.5	14
UE Modelling tools and Materials	9	
Multi-scale modelling	2.5	16
Long term practical project	3.5	48
Remote Project	4	24
UE Professional training	9	
Internship	7	360
Business Marketing	2	20