

Research Master - M2
Physical Chemistry, Materials and Catalysis
2026-2027

Semester 3	Course			
	Code	Title	Credits	Hours
	CPMC 500	Physical Chemistry of Colloids	3	24
	CPMC 501	Physicochemical Properties of Surfaces and Interfaces and IGC	3	24
	CPMC 503	Materials and Methods of Analysis of Interfaces	2	16
	CPMC 504	Chemistry of Porous Organized Materials (microporous, mesoporous, ..)	3	24
	CPMC 508	Photophysical and Photochemical Processes	2	16
	CPMC 509	Catalysis of Solid Surfaces	2	16
	CPMC 510	Nanotechnology, nanomaterials, nanofabrication and nanopatterning	3	24
	CPMC 513	Functional Nanostructured Polymers and Conductive Polymers	2	16
	CPMC 514	Composite Materials and Ceramics	2	16
	CPMC 523	Reaction Kinetics and Catalysis	2	16
	CPMC 524	Fossil Fuels, Biomass and Catalysis	2	16
	RMSE 500	Research Methodology and Scientific English	2	24
	CPMC XXX	Elective Course	2	16
	Total		30	248

The student should take one out of the following courses :

CPMC 502 : Physics of Surfaces and Solid NMR

CPMC 520 : Heat, Mass Transfer and Process Engineering

CPMC 512 : Synthesis and Characterization of Advanced Polymers

Semester 4	Course			
	Code	Title	Credits	Hours
	CPMC 580	Master Thesis	30	
	Total		30	