

**Research Master - M2**  
**Nanosciences and Functional Materials**  
**2026-2027**

Semester 3	Course						
	Code	Title	Credits	C	TS	LS	Hours
	NMTF 500	Growth and characterization of bulk crystals and thin films	4	32			32
	NMTF 501	Hybrid materials and sol-gel process	3	24			24
	NMTF 512	Spectroscopic techniques and approaches to nanomaterials	3	24			24
	NMTF 519	Renewable energy	3	24			24
	NMTF 522	Nanomaterials and nanocomposites	2	16	4		20
	NMTF 523	Electronic Structure of molecules : ab initio methods and spectral analysis	3	16		15	31
	NMTF 524	Numerical Methods for Physics	4	31			31
	NMTF 525	Nanophysique et puits quantiques	3	24			24
	NMTF 526	Matériaux carbonés	3	24			24
	RMSE 500	Research Methodology and Scientific English	2	24			24
	<b>Total</b>		30	239	4	15	258

Semester 4	Course						
	Code	Title	Credits	C	TS	LS	Hours
	NMTF 580	Master Thesis	30				
	<b>Total</b>		30				