

**Research Master - M2
Laser Optical Material
2026-2027**

Semester 3	Course					
	Code	Title	Credits	C	TS	Hours
	LAMT 503	Integrated optics-optical fibers	3	24	8	32
	LAMT 504	Interaction between photons and atoms	3	16	14	30
	LAMT 507	Quantum well-based Semiconductor lasers	2	16		16
	LAMT 508	Multiphotonics	2	16		16
	LAMT 511	Lasers Dynamics	4	24	12	36
	LAMT 512	Imaging, tomography and coherent optical microscopy	2	16	6	22
	LAMT 517	Optical properties of solids	2	16		16
	LAMT 520	Nanophotonics and mesoscopic optics	2	16		16
	LAMT 521	Quantum Optics	3	24		24
	LAMT 522	Photosensitive materials via laser writing	3	12	12	24
	LAMT 523	Applications of Artificial Intelligence to the challenges of ab initio calculations	2	24		24
	RMSE 500	Research Methodology and Scientific English	2	24		24
	Total		30	228	52	280

Semester 4	Course					
	Code	Title	Credits	C	TS	Hours
	LAMT 580	Research Internship	30			
	Total		30			