

Research Master - M2
Physics of the Radiation-Matter Interaction
2026-2027

Semester 3	Course			
	Code	Title	Credits	Hours
	PIRM 500	Numerical and computational methods for scientific calculations	4	28
	PIRM 501	Fundamentals of radiation-matter interaction	4	28
	PIRM 502	Quantum Electrodynamics	4	28
	PIRM 503	Molecular Spectroscopy	4	28
	PIRM 504	Electronic and magnetic properties of materials	3	21
	PIRM 505	Nuclear physics with heavy ions	3	21
	PIRM 506	Plasma Physics	3	21
	PIRM 507	Measurement, instrumentation and computing tools	3	21
	RMSE 500	Research Methodology and Scientific English	2	24
	Total		30	220

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